



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-5351  | <b>Page No</b>         | 1 of 136   |
| <b>Validity</b>               | 24/02/2020 to 23/02/2022   | <b>Last Amended on</b> | 01/08/2021 |

| S.No               | Discipline / Group                         | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|--------------------|--|--|--|--|
| Permanent Facility |  |  |  |  |
| 1                  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Detection of Escherichia coli  | IS 5887(part I)  |
| 2                  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Alginate acid  | Detection of Escherichia coli  | IS 5887 (Part-I)   |
| 3                  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Alginate acid  | Detection of Salmonella  | IS 5887 (Part-3/Sec-1)   |
| 4                  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Baker's Yeast, Compressed; Baker's Yeast, Dried  | Detection of Escherichia coli  | IS 5887(Part-I)  |
| 5                  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Baker's Yeast, Compressed; Baker's Yeast, Dried  | Detection of Salmonella  | IS 5887 (Part-3/Sec-1)   |
| 6                  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Baker's Yeast, Compressed; Baker's Yeast, Dried  | Detection of Shigella species  | IS 5887 (Part-7)   |
| 7                  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Baker's Yeast, Compressed; Baker's Yeast, Dried  | Enumeration of Coliform count  | IS 5401 Part-1   |
| 8                  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Baker's Yeast, Compressed; Baker's Yeast, Dried  | Rope spore count   | IS 1320 Appendix F   |
| 9                  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Baker's Yeast, Compressed; Baker's Yeast, Dried  | Total bacterial count  | IS 5402  |
| 10                 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Calcium Alginate   | Total bacterial count  | IS 5402  |
| 11                 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Calcium Alginate   | Yeasts and moulds  | IS 5403  |
| 12                 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cashew nut, Almond, Walnut, Peanut, Hazelnut, pine nut & nuts product  | Detection of Clostridium perfringens   | IS 5887(Part-4)  |
| 13                 | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cashew nut, Almond, Walnut, Peanut, Hazelnut, pine nut & nuts product  | Detection of Escherichia coli  | IS 5887 (part I)   |



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| 14   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cashew nut, Almond, Walnut, Peanut, Hazelnut, pine nut & nuts product   | Detection of Salmonella spp.   | IS 5887(part 3/Sec-1   |
| 15   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cashew nut, Almond, Walnut, Peanut, Hazelnut, pine nut & nuts product   | Detection of Shigella  | IS 5887(part 7)  |
| 16   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cashew nut, Almond, Walnut, Peanut, Hazelnut, pine nut & nuts product   | Detection of Staphylococcus aureus   | IS 5887 (part II)  |
| 17   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cashew nut, Almond, Walnut, Peanut, Hazelnut, pine nut & nuts product   | Detection of Vibrio cholerae   | IS 5887(part V)  |
| 18   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cashew nut, Almond, Walnut, Peanut, Hazelnut, pine nut & nuts product   | Enumeration of Coliform  | IS 5401(part 1)  |
| 19   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cashew nut, Almond, Walnut, Peanut, Hazelnut, pine nut & nuts product   | Total Plate Count  | IS 5402  |
| 20   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cashew nut, Almond, Walnut, Peanut, Hazelnut, pine nut & nuts product   | Yeast and Mould count  | IS 5403  |
| 21   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cream Sterilized  | Commercial Sterility   | IS 4884 (Appendix-A)   |
| 22   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit& all fruit product | Commercial sterility   | IS 2860  |
| 23   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit& all fruit product | Detection of Enterobacteriaceae  | IS 17112 (Part-1)  |
| 24   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit& all fruit product | Detection of Escherichia coli O157   | IS 14397   |
| 25   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit& all fruit product | Detection of Listeria monocytogenes  | IS 14988 (part 1)  |
| 26   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit& all fruit product | Detection of Salmonella spp.   | IS 5887 (Part 3/sec 1)   |
| 27   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit& all fruit product | Detection of Staphylococcus aureus   | IS 5887 (part II)  |



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| 28   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit & all fruit product | Detection of Vibrio cholerae   | IS 5887 (part V)   |
| 29   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit & all fruit product | Enumeration of Coagulase positive Staphylococcus aureus  | IS 5887 (part 8/sec-1)   |
| 30   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit & all fruit product | Enumeration of Enterobacteriaceae  | IS 17112(Part-2)   |
| 31   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit & all fruit product | Enumeration of Sulphite reducing clostridia  | ISO 15213  |
| 32   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit & all fruit product | Total Plate Count  | IS 5402  |
| 33   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Cut or minimally processed Fruit, packed Fruit & juices, carbonated fruit beverages, frozen fruit, dehydrated or Dried fruit & all fruit product | Yeast & Mould Count  | IS 5403  |
| 34   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Egg & Egg product  | Aerobic plate count  | IS 5402  |
| 35   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Egg & Egg product  | Detection of Clostridium perfringens   | IS 5887(Part-4)  |
| 36   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Egg & Egg product  | Detection of E. coli   | IS 5887(Part-I)  |
| 37   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Egg & Egg product  | Detection of Listeria monocytogenes  | IS 14988(Part-1)   |
| 38   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Egg & Egg product  | Detection of Salmonella  | IS 5887(Part-3/Sec-1)  |
| 39   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Egg & Egg product  | Detection of Staphylococcus aureus   | IS 5887(Part-II)   |
| 40   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Egg & Egg product  | Enumeration of Coliform count  | IS 5401 Part-1   |
| 41   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Egg & Egg product  | Enumeration of Sulphite reducing clostridia  | ISO 15213  |



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| 42   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Egg & Egg product   | Yeast and mould count  | IS 5403  |
| 43   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Food grain & their product Sprouted grain, sweet corn cob or packed wet grain/batters, doughs (ready to cook) / fermented product bread, cakes, doughnuts, other ready to eat grain, malted milk food, instant noodles, pasta product | Detection of Listeria monocytogenes  | IS 14988(Part-1)   |
| 44   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Food grain & their product Sprouted grain, sweet corn cob or packed wet grain/batters, doughs (ready to cook) / fermented product bread, cakes, doughnuts, other ready to eat grain, malted milk food, instant noodles, pasta product | Detection of Salmonella  | IS 5887(Part 3/Sec 1)  |
| 45   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Food grain & their product Sprouted grain, sweet corn cob or packed wet grain/batters, doughs (ready to cook) / fermented product bread, cakes, doughnuts, other ready to eat grain, malted milk food, instant noodles, pasta product | Enumeration of Enterobacteriaceae count  | IS 17112 (Part-2)  |
| 46   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Food grain & their product Sprouted grain, sweet corn cob or packed wet grain/batters, doughs (ready to cook) / fermented product bread, cakes, doughnuts, other ready to eat grain, malted milk food, instant noodles, pasta product | Enumeration of Staphylococcus aureus   | IS 5887(Part-8/Sec-1)  |
| 47   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Food grain & their product Sprouted grain, sweet corn cob or packed wet grain/batters, doughs (ready to cook) / fermented product bread, cakes, doughnuts, other ready to eat grain, malted milk food, instant noodles, pasta product | Yeast and mould count  | IS 5403  |
| 48   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Guar Gum  | Detection of Escherichia coli  | IS 5887 (Part-I)   |
| 49   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Guar Gum  | Detection of Salmonella  | IS 5887 (Part-3/Sec-1)   |
| 50   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Guar Gum  | Total bacterial count  | IS 5402  |
| 51   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Guar Gum  | Yeasts and moulds  | IS 5403  |
| 52   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Gum Arabic, Tragacanth gum, Gum Ghatti, Gum Karaya, Carrageenan   | Detection of Escherichia coli  | IS 5887 (Part-I)   |
| 53   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Gum Arabic, Tragacanth gum, Gum Ghatti, Gum Karaya, Carrageenan   | Detection of Salmonella  | IS 5887(Part-3/Sec-1)  |



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| 54   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Detection of Listeria monocytogenes  | IS 14988 (part 1)  |
| 55   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Aerobic plate count  | IS 5402  |
| 56   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Coliform count   | IS 5401 Part-1   |
| 57   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Coliform count   | IS 5401 Part-1   |
| 58   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Detection of Enterobacteriaceae  | IS 17112 Part- 1   |
| 59   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Detection of Salmonella spp.   | IS 5887 (part 3/Sec-1)   |
| 60   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Detection of Shigella  | IS 5887 (part 7)   |
| 61   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Detection of Staphylococcus aureus   | IS 5887 (part II)  |
| 62   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Enumeration of Enterobacteriaceae  | IS 17112 (Part-2)  |
| 63   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Enumeration of Escherichia coli  | IS 5887(Part-I)  |
| 64   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Enumeration of Staphylococcus aureus   | IS 5887(Part 8/ Sec 1)   |
| 65   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Escherichia coli   | IS 5887 (Part-I)   |
| 66   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Staphylococcus aureus  | IS 5887(Part-II)   |



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**Accreditation Standard**

ISO/IEC 17025:2017

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| 67   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Yeast and mould count  | IS 5403  |
| 68   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Infant Food infant milk substitutes, infant milk formulae, milk- cereal based complementary food, processed cereal based complementary food , follow up formulae | Yeast and mould count  | IS 5403  |
| 69   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Jams, Juices, Sauces & Concentrates  | Detection of Escherichia coli  | IS 5887 (Part II)  |
| 70   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Jams, Juices, Sauces & Concentrates  | Detection of Escherichia coli O157   | IS 14397   |
| 71   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Jams, Juices, Sauces & Concentrates  | Detection of Listeria monocytogenes  | IS 14988 (part 1)  |
| 72   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Jams, Juices, Sauces & Concentrates  | Detection of Salmonella spp.   | IS 5887 (part 3/Sec-1)   |
| 73   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Jams, Juices, Sauces & Concentrates  | Detection of Shigella  | IS 5887(part 7)  |
| 74   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Jams, Juices, Sauces & Concentrates  | Detection of Staphylococcus aureus   | IS 5887 (part II)  |
| 75   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Jams, Juices, Sauces & Concentrates  | Detection of Vibrio cholerae   | IS 5887(Part-5)  |
| 76   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Jams, Juices, Sauces & Concentrates  | Enumeration of Sulphite reducing clostridia  | ISO 15213  |
| 77   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Jams, Juices, Sauces & Concentrates  | Mould count  | IS 3881(Annexure E)  |
| 78   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Jams, Juices, Sauces & Concentrates  | Total plate count  | IS 5402  |
| 79   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD)   | Detection of E Coli  | IS 5887(Part-I)  |
| 80   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD)   | Detection of Faecal streptococci   | IS 5887 (Part-II)  |



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| 81   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD) | Detection of Salmonella  | IS 5887 (Part 3/Sec 1)   |
| 82   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD) | Detection of Shigella  | IS 5887(Part-7)  |
| 83   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD) | Detection of Staphylococcus aureus   | IS 5887(Part-II)   |
| 84   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD) | Detection of Vibrio cholerae   | IS 5887(Part-5)  |
| 85   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD) | Detection of Vibrio Parahaemolyticus   | IS 5887(Part-5)  |
| 86   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD) | Enumeration of Coliform count  | IS 5401(Part-1)  |
| 87   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD) | Enumeration of Faecal streptococci   | IS 5887(Part-II)   |
| 88   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD) | Enumeration of Staphylococcus aureus   | IS 5887(Part 8/Sec 1)  |
| 89   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD) | Total plate count  | IS 5402  |
| 90   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALT BASED FOODS (MALT FOOD) | Yeast and Mould Count  | IS 5403  |
| 91   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Faecal streptococci  | IS 5887(Part-II)   |
| 92   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Bacterial count  | IS 5402  |
| 93   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Detection of Escherichia coli  | IS 5887(Part-I)  |
| 94   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Detection of Salmonella  | IS 5887(Part 3/Sec 1)  |



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| 95   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Detection of Shigella  | IS 5887 (Part-7)   |
| 96   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Detection of Staphylococcus aureus   | IS 5887(Part II)   |
| 97   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Detection of Vibrio cholerae   | IS 5887(Part 5)  |
| 98   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Detection of Vibrio parahaemolyticus   | IS 5887 (Part 5)   |
| 99   | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Enumeration of Coliform count  | IS 5401(Part-1)  |
| 100  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Enumeration of E. coli   | IS 5887(Part-I)  |
| 101  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Enumeration of Faecal streptococci   | IS 5887(Part-II)   |
| 102  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Enumeration of Staphylococcus aureus   | IS 5887(Part 8/Sec 1)  |
| 103  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Yeast and mould count  | IS 5403  |
| 104  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | MALTED MILK FOOD             | Yeast and mould count  | IS 5403  |
| 105  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Meat & Meat Product          | Detection of Clostridium perfringens   | IS 5887(Part-4)  |
| 106  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Meat and Meat products       | Detection of Campylobacter spp.  | ISO 10272(part 1)  |
| 107  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Meat and Meat products       | Detection of Escherichia coli  | IS 5887(part I)  |
| 108  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Meat and Meat products       | Detection of Listeria monocytogenes  | IS 14988(part 1)   |





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--|--|--|--|
| 109  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Meat and Meat products   | Detection of Salmonella  | IS 5887(part 3/Sec-1)  |
| 110  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Meat and Meat products   | Detection of Staphylococcus aureus   | IS 5887(part II)   |
| 111  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Meat and Meat products   | Enumeration of Coagulase positive Staphylococcus aureus  | IS 5887(part 8/sec 1)  |
| 112  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Meat and Meat products   | Enumeration of Escherichia coli  | IS 5887(part I)  |
| 113  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Meat and Meat products   | Enumeration of Sulphite reducing clostridia  | ISO 15213  |
| 114  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Meat and Meat products   | Total Plate Count  | IS 5402  |
| 115  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Meat and Meat products   | Yeast and Mold Count   | IS 5403  |
| 116  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product | Total plate count  | IS 5402  |
| 117  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product | Detection of Enterobacter Sakazakii (Cronobacter sp.)  | ISO 22964  |
| 118  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product | Detection of Escherichia coli  | IS 5887 (part I)   |
| 119  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product | Detection of Listeria monocytogenes  | IS 14988 (part 1)  |
| 120  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product | Detection of Salmonella  | IS 5887 (part 3/Sec-1)   |



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|------|--|---|--|--|
| 121  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product                      | Detection of Shigella  | IS 5887 (part 7)   |
| 122  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product                      | Detection of Staphylococcus aureus   | IS 5887 (part II)  |
| 123  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product                      | Enumeration of Bacillus cereus   | IS 5887 (part 6)   |
| 124  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product                      | Enumeration of Coagulase positive Staphylococcus aureus  | IS 5887 (part 8/sec-1)   |
| 125  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product                      | Enumeration of Coliform  | IS 5401(part 1)  |
| 126  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product                      | Enumeration of Escherichia coli  | IS 5887 (part I)   |
| 127  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product                      | Enumeration of Sulphite reducing clostridia  | ISO 15213  |
| 128  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavored milk,Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder,Cereal based complimentary food, Ice cream, cheese, Paneer, Khoa & dairy related product                      | Yeast and mold count   | IS 5403  |
| 129  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavoured milk, Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder, Cereal based complimentary food, Malted milk food, Ice cream, cheese, Paneer, Khoa & dairy related product | Detection of Enterobacteriaceae  | IS 17112 Part-1  |
| 130  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavoured milk, Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder, Cereal based complimentary food, Malted milk food, Ice cream, cheese, Paneer, Khoa & dairy related product | Detection of Faecal streptococci   | IS 5887 (part II)  |



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|------|--|---|--|--|
| 131  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Milk/flavoured milk, Pasteurized Cream, Sweetened condensed milk, Butter, Milk powder, whey-based powder, casein powder, Cereal based complimentary food, Malted milk food, Ice cream, cheese, Paneer, Khoa & dairy related product | Detection of Vibrio cholerae and Vibrio parahaemolyticus   | IS 5887 (part V)   |
| 132  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Poultry & poultry product   | Aerobic plate count  | IS 5402  |
| 133  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Poultry & poultry product   | Detection of Clostridium perfringens   | IS 5887(Part- 4)   |
| 134  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Poultry & poultry product   | Detection of E. coli   | IS 5887(Part-I )   |
| 135  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Poultry & poultry product   | Detection of Listeria monocytogenes  | IS 14988 part-1  |
| 136  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Poultry & poultry product   | Detection of Salmonella  | IS 5887 part-3/Sec-1   |
| 137  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Poultry & poultry product   | Detection of Staphylococcus aureus   | IS 5887(Part-II)   |
| 138  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Poultry & poultry product   | Enumeration of Coliform count  | IS 5401 (Part-1)   |
| 139  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Poultry & poultry product   | Enumeration of E. coli   | IS 5887 (Part-I)   |
| 140  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Poultry & poultry product   | Enumeration of Staphylococcus aureus   | IS 5887 (Part-8/Sec 1)   |
| 141  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Poultry & poultry product   | Yeast and mould count  | IS 5403  |
| 142  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Shiahjira, elaichi, Lal mirchi, dalchini, Taj, laung, dhania, Zeera, kalaunji, saunf, methi, sonth, adarak, jaipatri, rai, sarson, Jaiphall, kalimirch, kesar, haldi, Ajowan, pepper white, garlic                                  | Total Plate Count  | IS 5402  |



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**Laboratory Name :**

NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA

**Accreditation Standard**

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| 143  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Shiahjira, elaichi,Lal mirchi, dalchini,Taj, laung, dhania, Zeera, kalaunji, saunf, methi, sonth, adarak, jaipatri, rai,sarson, Jaiphlal, kalimirch, kesar, haldi, Ajowan, pepper white, garlic | Yeast and Mold Count   | IS 5403  |
| 144  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Shiahjira, elaichi,Lal mirchi, dalchini,Taj, laung, dhania, Zeera, kalaunji, saunf, methi, sonth, adarak, jaipatri, rai,sarson, Jaiphlal, kalimirch, kesar, haldi, Ajowan, pepper white, garlic | Detection of Escherichia coli  | IS 5887 (part I)   |
| 145  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Shiahjira, elaichi,Lal mirchi, dalchini,Taj, laung, dhania, Zeera, kalaunji, saunf, methi, sonth, adarak, jaipatri, rai,sarson, Jaiphlal, kalimirch, kesar, haldi, Ajowan, pepper white, garlic | Detection of Listeria monocytogenes  | IS 14988 (part 1):   |
| 146  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Shiahjira, elaichi,Lal mirchi, dalchini,Taj, laung, dhania, Zeera, kalaunji, saunf, methi, sonth, adarak, jaipatri, rai,sarson, Jaiphlal, kalimirch, kesar, haldi, Ajowan, pepper white, garlic | Detection of Salmonella spp.   | IS 5887 (part 3/Sec-1)   |
| 147  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Shiahjira, elaichi,Lal mirchi, dalchini,Taj, laung, dhania, Zeera, kalaunji, saunf, methi, sonth, adarak, jaipatri, rai,sarson, Jaiphlal, kalimirch, kesar, haldi, Ajowan, pepper white, garlic | Detection of Shigella  | IS 5887 (part 7)   |
| 148  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Shiahjira, elaichi,Lal mirchi, dalchini,Taj, laung, dhania, Zeera, kalaunji, saunf, methi, sonth, adarak, jaipatri, rai,sarson, Jaiphlal, kalimirch, kesar, haldi, Ajowan, pepper white, garlic | Detection of Staphylococcus aureus   | IS 5887(part II)   |
| 149  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Shiahjira, elaichi,Lal mirchi, dalchini,Taj, laung, dhania, Zeera, kalaunji, saunf, methi, sonth, adarak, jaipatri, rai,sarson, Jaiphlal, kalimirch, kesar, haldi, Ajowan, pepper white, garlic | Enumeration of Bacillus cereus   | IS 5887 (part 6)   |
| 150  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Shiahjira, elaichi,Lal mirchi, dalchini,Taj, laung, dhania, Zeera, kalaunji, saunf, methi, sonth, adarak, jaipatri, rai,sarson, Jaiphlal, kalimirch, kesar, haldi, Ajowan, pepper white, garlic | Enumeration of Coliform  | IS 5401 (part 1)   |
| 151  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft drink / beer/Soda water  | Coliform (Only for Drinks containing alcohol)  | IS 3752:2005 Clause 14,RA  |
| 152  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft drink / beer/Soda water  | Enumeration of Coliform  | IS 5401 (Part- 1):2012 RA  |
| 153  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft drink / beer/Soda water  | Enumeration of Coliform (MPN)  | IS 5401(part 2)2012,RA   |



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| 154  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft drink / beer/Soda water        | Total Plate Count  | IS 5402:2012 RA  |
| 155  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Soft drink / beer/Soda water        | Yeast & Mold count   | IS 5403:1999,RA  |
| 156  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACT SOYA FLOUR          | Detection of Salmonella  | IS 5887 (Part-3/Sec-1)   |
| 157  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACT SOYA FLOUR          | Enumeration of Coliform bacteria   | IS 5401(Part-1)  |
| 158  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACT SOYA FLOUR          | Total bacterial count  | IS 5401 Part-1   |
| 159  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED COCONUT FLOUR     | Detection of Salmonella  | IS 5887(Part-3/Se-1)   |
| 160  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED COCONUT FLOUR     | Enumeration of Coliform bacteria   | IS 5401 Part-1   |
| 161  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED COCONUT FLOUR     | Total bacterial count  | IS 5402  |
| 162  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED COTTON SEED FLOUR | Detection of Salmonella  | IS 5887 (Part-3/Sec-1)   |
| 163  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED COTTON SEED FLOUR | Enumeration of Coliform bacteria   | IS 5401 Part-1   |
| 164  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED COTTON SEED FLOUR | Total bacterial count  | IS 5402  |
| 165  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED GROUNDNUT FLOUR   | Detection of Salmonella  | IS 5887 (Part-3/Sec-1)   |
| 166  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED GROUNDNUT FLOUR   | Enumeration of Coliform bacteria   | IS 5401(Part-1)  |
| 167  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED GROUNDNUT FLOUR   | Total bacterial count  | IS 5401 Part-1   |



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**Accreditation Standard**

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| 168  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED SESAME FLOUR   | Detection of Salmonella  | IS 5887 (Part-3/sec-1)   |
| 169  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED SESAME FLOUR   | Enumeration of Coliform bacteria   | IS 5401 Part-1   |
| 170  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | SOLVENT EXTRACTED SESAME FLOUR   | Total bacterial count  | IS 5402  |
| 171  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Spices & herbs Fresh, dried or dehydrated / ground or powdered/ extracted / Wet ground (paste) /preserved or pickled | Enumeration of Enterobacteriaceae count  | IS 17112(Part-2)   |
| 172  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Spices & herbs Fresh, dried or dehydrated / ground or powdered/ extracted / Wet ground (paste) /preserved or pickled | Enumeration of Staphylococcus aureus count   | IS 5887(Part-8/sec-1)  |
| 173  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Spices & herbs Fresh, dried or dehydrated / ground or powdered/ extracted / Wet ground (paste) /preserved or pickled | Enumeration of Sulphite reducing clostridia (SRC)  | ISO 15213  |
| 174  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Sterilized milk/UHT milk/Evaporated milk   | Commercial Sterility   | IS 4238 (Appendix C)   |
| 175  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products   | Detection of Escherichia coli O157   | IS 14397   |
| 176  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products   | Detection of Clostridium perfringens   | IS 5887(Part-4)  |
| 177  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products   | Enumeration of Enterobacteriaceae  | IS 17112 (Part-2)  |
| 178  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products   | Commercial Sterility   | IS 2860  |
| 179  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products   | Detection of Enterobacteriaceae  | IS 17112(Part-1)   |
| 180  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products   | Detection of Listeria monocytogenes  | IS 14988 (Part 1)  |
| 181  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products   | Detection of Salmonella spp.   | IS 5887(part 3/Sec-1)  |



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|------|--|----------------------------------|--|--|
| 182  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products | Detection of Staphylococcus aureus   | IS 5887 (Part II)  |
| 183  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products | Detection of Vibrio cholerae   | IS 5887 (Part V)   |
| 184  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products | Enumeration of Coagulase positive Staphylococcus aureus  | IS 5887 (Part 8/sec-1)   |
| 185  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products | Enumeration of Sulphite reducing clostridia  | ISO 15213  |
| 186  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products | Total Plate Count  | IS 5402  |
| 187  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Vegetable and Vegetable products | Yeast & Mould Count  | IS 5403  |
| 188  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Virgin Coconut Oil               | Aerobic plate count  | IS 5402  |
| 189  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Virgin Coconut Oil               | Detection of Escherichia coli O157   | IS 14397   |
| 190  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Virgin Coconut Oil               | Detection of Listeria monocytogenes  | IS 14988(Part-1)   |
| 191  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Virgin Coconut Oil               | Detection of Salmonella  | IS 5887(Part-3/sec-1)  |
| 192  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Virgin Coconut Oil               | Detection of Vibrio cholerae   | IS 5887(Part-5)  |
| 193  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Virgin Coconut Oil               | Enumeration of Enterobacteriaceae count  | IS 17112(Part-2)   |
| 194  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Virgin Coconut Oil               | Enumeration of Staphylococcus aureus count   | IS 5887(Part-8/Sec-1)  |
| 195  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS | Virgin Coconut Oil               | Enumeration of Sulphite reducing clostridia (SRC)  | ISO 15213  |



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|------|--|------------------------------|--|--|
| 196  | BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS     | Virgin Coconut Oil           | Yeast & mould count  | IS 5403  |
| 197  | BIOLOGICAL- MARINE /AQUA CULTURE FOOD PRODUCTS | Fish & Fish product          | Detection of Clostridium perfringens   | IS 5887 (Part-4):1999,RA   |
| 198  | BIOLOGICAL- MARINE /AQUA CULTURE FOOD PRODUCTS | Fish and Fish product        | Detection of Listeria monocytogenes  | IS 14988 (part 1)  |
| 199  | BIOLOGICAL- MARINE /AQUA CULTURE FOOD PRODUCTS | Fish and Fish product        | Detection of Salmonella spp.   | IS 5887 (part 3/Sec-1)   |
| 200  | BIOLOGICAL- MARINE /AQUA CULTURE FOOD PRODUCTS | Fish and Fish product        | Detection of Staphylococcus aureus   | IS 5887 (part II) : 1976,RA  |
| 201  | BIOLOGICAL- MARINE /AQUA CULTURE FOOD PRODUCTS | Fish and Fish product        | Detection of Vibrio cholerae   | IS 5887 (part V) : 1976,RA 2018/ BAM chapter 9   |
| 202  | BIOLOGICAL- MARINE /AQUA CULTURE FOOD PRODUCTS | Fish and Fish product        | Enumeration of Coagulase positive Staphylococcus aureus  | IS 5887 (part 8/Sec-1) : 2002 RA   |
| 203  | BIOLOGICAL- MARINE /AQUA CULTURE FOOD PRODUCTS | Fish and Fish product        | Enumeration of Escherichia coli  | IS 5887 (part I) : 1976 RA   |
| 204  | BIOLOGICAL- MARINE /AQUA CULTURE FOOD PRODUCTS | Fish and Fish product        | Total Plate Count  | IS 5402:2012, RA   |
| 205  | BIOLOGICAL- MARINE /AQUA CULTURE FOOD PRODUCTS | Fish and Fish product        | Yeast and Mold Count   | IS 5403 : 1999,RA  |
| 206  | BIOLOGICAL- WATER                              | Drinking water               | Coliform bacteria test (MPN)   | IS 1622(Clause 3.3)  |
| 207  | BIOLOGICAL- WATER                              | Drinking water               | E.coli   | IS 1622,(Clause 3.3.4)   |
| 208  | BIOLOGICAL- WATER                              | Packaged Drinking Water      | Detection of Coliform  | IS 15185   |
| 209  | BIOLOGICAL- WATER                              | Packaged Drinking Water      | Detection of E.coli  | IS 15185:  |
| 210  | BIOLOGICAL- WATER                              | Packaged Drinking Water      | Detection of Faecal Streptococci   | IS 15186   |
| 211  | BIOLOGICAL- WATER                              | packaged Drinking water      | Detection of Pseudomonas aeruginosa  | IS 13428 (Annexure D)  |
| 212  | BIOLOGICAL- WATER                              | Packaged Drinking Water      | Detection of Salmonella Spp.   | IS 15187   |





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-5351  | <b>Page No</b>         | 17 of 136  |
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| S.No | Discipline / Group | Materials or Products tested      | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--------------------|-----------------------------------|--|--|
| 213  | BIOLOGICAL- WATER  | Packaged Drinking Water           | Detection of Shigella spp.   | IS 5887 (Part 7)   |
| 214  | BIOLOGICAL- WATER  | Packaged Drinking Water           | Detection of Staphylococcus aureus   | IS 5887 (Part II)  |
| 215  | BIOLOGICAL- WATER  | Packaged Drinking Water           | Detection of Sulphite Reducing Anaerobes (Clostridia)  | IS 13428 (Annexure C)  |
| 216  | BIOLOGICAL- WATER  | Packaged Drinking water           | Detection of Vibrio cholerae   | IS 5887 (Part V)   |
| 217  | BIOLOGICAL- WATER  | Packaged Drinking Water           | Detection of Vibrio parahaemolyticus   | IS 5887 (Part V)   |
| 218  | BIOLOGICAL- WATER  | Packaged Drinking Water           | Detection Yeast & mould  | IS 5403  |
| 219  | BIOLOGICAL- WATER  | packaged drinking water           | Total viable colony count At 20 - 22 °C for 72 hours   | IS 5402  |
| 220  | BIOLOGICAL- WATER  | Packaged Drinking Water           | Total Viable Colony Count at 37 °C for 24 hours  | IS 5402  |
| 221  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water    | Detection of Coliform  | IS 15185   |
| 222  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water    | Detection of E.coli  | IS 15185   |
| 223  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water    | Detection of Faecal streptococci   | IS 15186   |
| 224  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water    | Detection of Pseudomonas aeruginosa  | IS 13428 (Annexure D)  |
| 225  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water    | Detection of Salmonella spp.   | IS 15187   |
| 226  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water    | Detection of Shigella spp.   | IS 5887 (Part 7)   |
| 227  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water    | Detection of Staphylococcus aureus   | IS 5887 (Part I)   |
| 228  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water    | Detection of Sulphite reducing anaerobes (Clostridia)  | IS 13428 (Annexure C)  |
| 229  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water    | Detection of Vibrio cholerae   | IS 5887 (Part V)   |
| 230  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water    | Detection of Vibrio parahaemolyticus   | IS 5887 (Part V)   |
| 231  | BIOLOGICAL- WATER  | Packaged Natural Mineral Water    | Detection of Yeast & Mould   | IS 5403  |
| 232  | BIOLOGICAL- WATER  | Water for Processed food Industry | Coliform bacteria MPN Method   | IS 1622 (Clause 3.3)   |
| 233  | BIOLOGICAL- WATER  | Water for Processed food Industry | Proteolytic and lipolytic organism, combined count   | IS 4251 (Appendix A)   |
| 234  | BIOLOGICAL- WATER  | Water for Processed food Industry | Standard plate count   | IS 1622 (Clause 3.2)   |
| 235  | BIOLOGICAL- WATER  | Water for Processed food Industry | Thermophilic bacteria count  | IS 4251 (Appendix B)   |



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|------|--|---|--|--|
| 236  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ajwain (Bishops Seeds)  | Shriveled / damaged / insect damaged / broken fruit  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 237  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Acid Value   | 11.0 of FSSAI Manual (Oils & Fats) : 2016 / IS 548 (Part I)  |
| 238  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Alpha-Tocopherol (Vitamin E)   | NFL/CH/SOP-65  |
| 239  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Bellier Test (Turbidity Temperature Acetic acid method)  | 14.0 of FSSAI Manual (Oils & Fats) : 2016 / IS 548 (Part I)  |
| 240  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Butylated hydroxyanisole   | NFL/CH/SOP-45  |
| 241  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Butylated hydroxytoluene   | NFL/CH/SOP-45  |
| 242  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Butyro-refractometer reading at 40°C /at 50°C  | 5.0 of FSSAI Manual (Oils & Fats) : 2016 / IS 548 (Part I)   |
| 243  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C10:0 (Methyl Caprate)   | NFL/CH/SOP-042   |
| 244  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C11:0 (Methyl Undecanoate)   | NFL/CH/SOP-042   |
| 245  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C12:0 (Methyl Laurate)   | NFL/CH/SOP-042   |
| 246  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C13:0 (Methyl Tridecanoate)  | NFL/CH/SOP-042   |
| 247  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C14:0 (Methyl Myristate)   | NFL/CH/SOP-042   |
| 248  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C14:1 (Methyl Myristoleate)  | NFL/CH/SOP-042   |
| 249  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C14:1T( Methyl Myristelaidatete)   | NFL/CH/SOP-042   |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--|---|--|--|
| 250  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C15:0 (Methyl Pentadecanoate)  | NFL/CH/SOP-042   |
| 251  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C15:1 (Methyl 10-Pentadecanoate)   | NFL/CH/SOP-042   |
| 252  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C15:1T (Methyl 10-Transpentadecenoatedecanoate)  | NFL/CH/SOP-042   |
| 253  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C16:0 (Methyl Palmitate)   | NFL/CH/SOP-042   |
| 254  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C16:1 (Methyl Palmitoleate)  | NFL/CH/SOP-042   |
| 255  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C16:1T (Methyl Palmitelaidate)   | NFL/CH/SOP-042   |
| 256  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C17:0 (Methyl Heptadecanoate)  | NFL/CH/SOP-042   |
| 257  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C17:1 (Methyl 10-Heptadecenoate)   | NFL/CH/SOP-042   |
| 258  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C17:1T (Methyl 10-Transheptadecenoate)   | NFL/CH/SOP-042   |
| 259  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C18:0 (Methyl Stearate)  | NFL/CH/SOP-042   |
| 260  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C18:1 (Methyl Oleate)  | NFL/CH/SOP-042   |
| 261  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C18:1 (Methyl Petroselinatate)   | NFL/CH/SOP-042   |
| 262  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C18:1 (Methyl Vaccenate)   | NFL/CH/SOP-042   |
| 263  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C18:1T (Methyl Elaidate)   | NFL/CH/SOP-042   |



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## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--|---|--|--|
| 264  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C18:1T (Methyl Transvaccenate/Petroselaidate)  | NFL/CH/SOP-042   |
| 265  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C18:2 (Methyl Linoleate)   | NFL/CH/SOP-042   |
| 266  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C18:2T (Methyl Linoelaidate)   | NFL/CH/SOP-042   |
| 267  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C18:3 (Methyl Gamma Linolenate)  | NFL/CH/SOP-042   |
| 268  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C18:3 (Methyl Linolenate)  | NFL/CH/SOP-042   |
| 269  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C19:1T (Methyl 10-Transnonadecenoate)  | NFL/CH/SOP-042   |
| 270  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C19:1T (Methyl 7-Transnonadecenoate)   | NFL/CH/SOP-042   |
| 271  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C20:0 (Methyl Arachidate)  | NFL/CH/SOP-042   |
| 272  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C20:1 (Methyl 11-Eicosenoate)  | NFL/CH/SOP-042   |
| 273  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C20:1T (Methyl Trans 11-Eicosenoate)   | NFL/CH/SOP-042   |
| 274  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C20:2 (Methyl 11-14 Eicosadienoate)  | NFL/CH/SOP-042   |
| 275  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | All Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C20:3 (Methyl 11-14-17 Eicosatrienoate)  | NFL/CH/SOP-042   |
| 276  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Amaranth  | Damaged grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 277  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Amaranth  | Extraneous matter  | 1.2 of FSSAI Manual (Cereal and Cereal Products)   |



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|------|--|------------------------------|--|--|
| 278  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Amaranth                     | Immature and Shriveled Grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 279  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Amaranth                     | Impurities of animal origin in Extraneous matter   | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 280  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Amaranth                     | Mineral Matter in Extraneous matter  | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 281  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Amaranth                     | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |
| 282  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Amaranth                     | Other edible grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 283  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Amaranth                     | Uric acid  | NFL/CH/SOP-063   |
| 284  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Amaranth                     | Weevilled grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 285  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Anar Dana                    | Starch   | 1.2.2 of FSSAI Manual (Milk and Milk Products)   |
| 286  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Anar Dana                    | Sugar  | 1.2.1 of FSSAI Manual (Milk and Milk Products)   |
| 287  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Aniseed (Saunf)              | Foreign edible seeds   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 288  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Aniseed (Saunf)              | Shriveled, immature, damaged / insect damaged / broken fruit   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 289  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Asafoetida (Hing or Hingra)  | Alcoholic extract (90% alcohol)  | 7.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 290  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Asafoetida (Hing or Hingra)  | Starch   | IS 7807 : 1975 RA  |
| 291  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Atta / Maida                 | Acid Insoluble in dil Hcl / Acid Insoluble Ash ( on dry wt. basis)   | 8.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS : 1009 (Appendix C) : 1979 RA            |



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| 292  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Atta / Maida   | Alcoholic Acidity As H <sub>2</sub> SO <sub>4</sub> (On dry wt basis)                                      | 8.5 of FSSAI Manual of (Cereal and Cereal Products), 2016 / IS 1009 (Appendix E) : 1979 RA           |
| 293  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Atta / Maida   | Crude Fibre (On dry wt. basis)   | 8.8 of FSSAI Manual (Cereal and Cereal Products) : 2016 / IS 1155 (Appendix E) : 1968 RA             |
| 294  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Atta / Maida   | Microscopic Examination  | 13.0 of FSSAI Manual (Cereal and Cereal Products)  |
| 295  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Atta / Maida   | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products), 2016 / Appendix A of IS 1009 : 1979 RA             |
| 296  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Atta / Maida   | Rodent hair and excreta  | 1.5 of FSSAI Manual (Cereal and Cereal Products)   |
| 297  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Atta / Maida   | Total Ash ( on dry wt. basis)  | 8.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / Appendix B of IS :1009 : 1979 RA            |
| 298  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Atta / Maida   | Total Protein  | IS 7219-1973 RA : 2015 / 8.7 of FSSAI Manual (Cereal and Cereal Products),                           |
| 299  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Atta / Maida, Protein Rich Atta / Protein Rich Maida | Gluten Content   | 8.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1009 (Appendix D) : 1979 RA              |
| 300  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Bakery Shortening                                    | Test for Argemone oil  | 30.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 301  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Beef Fat or suet / Mutton Fat / Goat Fat / Lard      | Iodine Value   | 12.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 302  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Beef Fat or suet / Mutton Fat / Goat Fat / Lard      | Saponification Value   | 9.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)  |
| 303  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Beer   | Carbon Dioxide   | IS 2346 (Annex C) : 1992 RA  |
| 304  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Beer   | Ethyl alcohol content, 20 °C   | 2.0 FSSAI Manual (Alcoholic Beverages)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group                     | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 305  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Beer   | pH   | IS 3865 (Annex B) : 2001 RA  |
| 306  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Besan / Farsan Flour   | Any other foreign ingredient   | By Visual Examination as per IS 4333 (Part 1)  |
| 307  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Besan / Farsan Flour   | Ash Insoluble in Dil HCl / Acid Insoluble in Dil HCl (On dry wt basis) / (as it is basis)                  | 8.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1009 (Appendix C) : 1979 RA              |
| 308  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Besan / Farsan Flour   | BOAA   | 11.0 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 2400 (Appendix A) :1976 RA              |
| 309  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Besan / Farsan Flour   | Microscopic Examination  | 13.0 of FSSAI Manual (Cereal and Cereal Products),   |
| 310  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Besan / Farsan Flour   | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1009 (Appendix A) : 1979 RA              |
| 311  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Besan / Farsan Flour   | Protein (on dry wt. basis)   | 8.7 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 7219 : 1973 RA                           |
| 312  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Besan / Farsan Flour   | Total Ash ( on dry wt. basis) / (as it is basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1009 (Appendix B) : 1979 RA              |
| 313  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Beverages (Non alcoholic including carbonated beverages), Sweets and confectionary, Milk and Dairy Products, Carbonated Fruit juice, Fruit based Spread (Chutney)  | Curcumin   | NFL/CH/SOP-055   |
| 314  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Beverages (Tea and Tea Products, Coffee and Coffee Products, Nut and nut products, Non-alcoholic carbonated Beverages including Carbonated water, Caffeinated Beverages, Non carbonated water beverages (Non-alcoholic) and soda Beverages | Caffeine   | NFL/CH/SOP/021   |
| 315  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Biscuits   | Acidity of the Extracted fat (as oleic acid)   | 14.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1011 : 2002, Annex D, RA                |
| 316  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Biscuits   | Ash Insoluble in dilute HCl (On dry wt basis)  | 14.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1011 : 2002, Annex C, RA                |
| 317  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Biscuits   | Moisture   | 14.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1011 : 2002 (Annex B), RA               |



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NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA

**Accreditation Standard**

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|------|--|--|--|--|
| 318  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Black Pepper Powder  | Oil Soluble Synthetic colour   | 39.5 of FSSAI Manual (Oil and Fats)  |
| 319  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Black Pepper powder  | Non-Volatile Ether extract   | 9.0 of FSSAI Manual (Spices and condiments), 2016 / IS 1797 (Clause 14) :                            |
| 320  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Black Pepper Powder  | Total Ash ( on dry wt. basis)  | 4.0 of FSSAI Manual (Spices and condiments), 2016 / IS 1797 (Clause 16)                              |
| 321  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Black Pepper Power   | Moisture   | 3.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797 (Clause 9.0)                             |
| 322  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Brandy or Grape Brandy; Blended Brandy; Country Liquor or plain liquor, Blended Country Liquors; Fenny (Cashew / Coconut); Gin; Liquor or Cordial or Apertifs; Rum; White Rum; Vodka; Whisky; Malt or Grain Whisky or Single malt; Blended Whisky; Pot Distilled Spirits | Aldehydes as acetaldehyde  | 8.1 of FSSAI Manual (Alcoholic Beverages): 2019 / IS 3752 (Clause 12) : 2005 RA                      |
| 323  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Brandy or Grape Brandy; Blended Brandy; Country Liquor or plain liquor, Blended Country Liquors; Fenny (Cashew / Coconut); Gin; Liquor or Cordial or Apertifs; Rum; White Rum; Vodka; Whisky; Malt or Grain Whisky or Single malt; Blended Whisky; Pot Distilled Spirits | Ethyl alcohol content at 20 °C, % by volume  | 2.1 of FSSAI Manual (Alcoholic Beverages)  |
| 324  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Brandy or Grape Brandy; Blended Brandy; Country Liquor or plain liquor, Blended Country Liquors; Fenny (Cashew / Coconut); Gin; Liquor or Cordial or Apertifs; Rum; White Rum; Vodka; Whisky; Malt or Grain Whisky or Single malt; Blended Whisky; Pot Distilled Spirits | Ethyl alcohol content at 20 °C, % by volume  | 2.3 of FSSAI Manual (Alcoholic Beverages)(By GC)   |
| 325  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Brandy or Grape Brandy; Blended Brandy; Country Liquor or plain liquor, Blended Country Liquors; Fenny (Cashew / Coconut); Gin; Liquor or Cordial or Apertifs; Rum; White Rum; Vodka; Whisky; Malt or Grain Whisky or Single malt; Blended Whisky; Pot Distilled Spirits | Furfural   | 9.1 of FSSAI Manual (Alcoholic Beverages): 2019 / IS 3752 (Clause 13) : 2005 RA                      |
| 326  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Brandy or Grape Brandy; Blended Brandy; Country Liquor or plain liquor, Blended Country Liquors; Fenny (Cashew / Coconut); Gin; Liquor or Cordial or Apertifs; Rum; White Rum; Vodka; Whisky; Malt or Grain Whisky or Single malt; Blended Whisky; Pot Distilled Spirits | Higher alcohols as amyl alcohol  | 7.1 of FSSAI Manual (Alcoholic Beverages): 2019 / IS 3752 (Clause 11) : 2005 RA                      |
| 327  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Brandy or Grape Brandy; Blended Brandy; Country Liquor or plain liquor, Blended Country Liquors; Fenny (Cashew / Coconut); Gin; Liquor or Cordial or Apertifs; Rum; White Rum; Vodka; Whisky; Malt or Grain Whisky or Single malt; Blended Whisky; Pot Distilled Spirits | Methyl alcohol   | NFL/CH/SOP-018   |





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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--|--|--|--|
| 328  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Brandy or Grape Brandy; Blended Brandy; Country Liquor or plain liquor, Blended Country Liquors; Fenny (Cashew / Coconut); Gin; Liquor or Cordial or Apertifs; Rum; White Rum; Vodka; Whisky; Malt or Grain Whisky or Single malt; Blended Whisky; Pot Distilled Spirits | Residue on evaporation (m/v)   | 3 of FSSAI Manual (Alcoholic Beverages): 2019 / IS 3752 (Clause 5) : 2005 RA                         |
| 329  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Brandy or Grape Brandy; Blended Brandy; Country Liquor or plain liquor, Blended Country Liquors; Fenny (Cashew / Coconut); Gin; Liquor or Cordial or Apertifs; Rum; White Rum; Vodka; Whisky; Malt or Grain Whisky or Single malt; Blended Whisky; Pot Distilled Spirits | Total esters as ethyl acetate  | 6.1 of FSSAI Manual (Alcoholic Beverages): 2019 / IS 3752 (Clause 10) : 2005 RA                      |
| 330  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Brandy or Grape Brandy; Blended Brandy; Country Liquor or plain liquor, Blended Country Liquors; Fenny (Cashew / Coconut); Gin; Liquor or Cordial or Apertifs; Rum; White Rum; Vodka; Whisky; Malt or Grain Whisky or Single malt; Blended Whisky; Pot Distilled Spirits | Volatile acids as acetic acid  | 5 of FSSAI Manual (Alcoholic Beverages): 2019 / IS 3752 (Clause 8) : 2005 RA                         |
| 331  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Bread, bun, khari, toast, cookies, rusk  | Alcoholic Acidity (with 90 % alcohol) of dried substances  | 8.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / Annexure F of IS 1010 : 1968 RA             |
| 332  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Bread, bun, khari, toast, cookies, rusk  | Ash insoluble in dil HCl (on dry basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 333  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Bura sugar   | Ash insoluble in dilute HCl  | IS:13953 - 1999, RA  |
| 334  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Bura sugar   | Extraneous matter  | IS:12924 - 1990, RA  |
| 335  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Bura sugar   | Sucrose  | 9.4 FSSAI Manual Milk and Milk products  |
| 336  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Butter   | Annatto  | 4.1.4 of FSSAI Manual (Food Additives)   |
| 337  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Butter   | Butyrefractometer Reading of Extracted Fat at 40 °C  | 2.2 & 13.3 of FSSAI Manual (Milk and Milk Products)  |
| 338  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Butter   | Common Salt  | 12.4 of FSSAI Manual (Milk and Milk Products)  |
| 339  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Butter   | Milk Fat Content   | 12.3 of FSSAI Manual (Milk and Milk Products)  |



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|------|--|------------------------------|--|--|
| 340  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Butter                       | Milk Solid Not Fat   | 12.3 of FSSAI Manual (Milk and Milk Products)  |
| 341  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Butter                       | Mineral Oil  | 13.7 of FSSAI Manual (Milk and Milk Products)  |
| 342  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Butter                       | Moisture   | 12.2 of FSSAI Manual (Milk and Milk Products)  |
| 343  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Butter                       | Oil Soluble Synthetic Colour   | 39.5 of FSSAI Manual (Oil and Fats)  |
| 344  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Butter                       | Rancidity  | 38.0 of FSSAI Manual (Oil and Fats)  |
| 345  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Butter                       | Reichert Meissl Value  | 13.5 of FSSAI Manual (Milk and Milk Products)  |
| 346  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Butter Toffee                | Fat content on dry basis   | 7.4 of FSSAI Manual (Milk and Milk Products)   |
| 347  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cane Jaggery or Cane Gur     | Ash insoluble in dilute HCl (on dry basis)   | IS:12923-1990 RA   |
| 348  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cane Jaggery or Cane Gur     | Extraneous matter and water insoluble matter (on dry basis)  | IS:15279-2003, RA  |
| 349  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cane Jaggery or Cane Gur     | Moisture (% by mass)   | IS:15279   |
| 350  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cane Jaggery or Cane Gur     | Reducing sugar (on dry basis)  | 9.4 FSSAI Manual Milk and Milk products  |
| 351  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cane Jaggery or Cane Gur     | Sucrose (% by mass) (on dry basis)   | 9.4 FSSAI Manual Milk and Milk products  |
| 352  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cane Jaggery or Cane Gur     | Sulphated ash (on dry basis)   | IS:15279   |
| 353  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cane Jaggery or Cane Gur     | Total sugar (on dry basis) as invert sugar   | 9.4 FSSAI Manual Milk and Milk products  |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--|---|--|--|
| 354  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Caraway (Siahjira) Whole & Powder / Caraway (Siahjira) Black Whole, Cardamom (Choti Elaichi) Powder, Cardamom (Choti Elaichi) Seeds, Large Cardamom (Badi Elaichi) Whole & Powder, Large Cardamom (Badi Elaichi) Seeds, Chilli and Capsicum (Lal Mirchi) Whole, Red chilli powder, Cinnamon (Dalchini) Whole & Powder, Cassia (Taj) Whole & Powder, Cloves (Laung) Powder, Coriander (Dhania) Whole / Sabut Dhania & Powder, Cumin (Jeera / Safed Zeera) Whole & Powder, Cumin Black (Kalonji) Whole & Powder, Fennel (Saunf) Whole & Powder, Fenugreek (Methi) Whole & Powder, Ginger (Sonth, Adrak) Powder, Mace (Jaipatri) Whole & Powder, Mustard (Rai, Sarson) Whole & Powder, Nutmeg (Jaiphal) Whole & Powder, Pepper Black (Kalimirch) Powder, Turmeric (Haldi) Powder, Curry Powder, Aniseed (Saunf), Dried Mango Powder (Amchur), Pepper White Powder, Garlic (Lahsun), Dehydrated Onion (Sukha Pyaj), Asafoetida (Hing or Hingra)   | Ash insoluble in dilute HCL (on dry basis)   | 5.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 355  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Caraway (Siahjira) Whole & Powder / Caraway (Siahjira) Black Whole, Cardamom (Choti Elaichi) Whole & Powder, Cardamom (Choti Elaichi) Seeds, Large Cardamom (Badi Elaichi) Whole & Powder, Large Cardamom (Badi Elaichi) Seeds, Chilli and Capsicum (Lal Mirchi) Whole, Red chilli powder, Cinnamon (Dalchini) Whole & Powder, Cassia (Taj) Whole & Powder, Cloves (Laung) Whole & Powder, Coriander (Dhania) Whole / Sabut Dhania & Powder, Cumin (Jeera / Safed Zeera) Whole & Powder, Cumin Black (Kalonji) Whole & Powder, Fennel (Saunf) Whole & Powder, Fenugreek (Methi) Whole & Powder, Ginger (Sonth, Adrak) Whole & Powder, Mace (Jaipatri) Whole & Powder, Mustard (Rai, Sarson) Whole & Powder, Nutmeg (Jaiphal) Whole & Powder, Pepper Black (Kalimirch) Whole & Powder, Light Black Pepper, Pinheads, Poppy (Khas Khas), Turmeric (Haldi) Whole & Powder, Curry Powder, Aniseed (Saunf), Ajwain (Bishops Seeds), Dried Mango Slices, Dried Mango Powder (Amchur), Pepper White whole & Powder, Garlic (Lahsun), Celery, Dehydrated Onion (Sukha Pyaj) | Moisture   | 3.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |



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| 356  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Caraway (Siahjira) Whole & Powder / Caraway (Siahjira) Black Whole, Cardamom (Choti Elaichi) Whole & Powder, Cardamom (Choti Elaichi) Seeds, Large Cardamom (Badi Elaichi) Whole & Powder, Large Cardamom (Badi Elaichi) Seeds, Chilli and Capsicum (Lal Mirchi) Whole, Red chilli powder, Cinnamon (Dalchini) Whole & Powder, Cassia (Taj) Whole & Powder, Cloves (Laung) Whole & Powder, Coriander (Dhania) Whole / Sabut Dhania & Powder, Cumin (Jeera / Safed Zeera) Whole & Powder, Cumin Black (Kalonji) Whole & Powder, Fennel (Saunf) Whole & Powder, Fenugreek (Methi) Whole & Powder, Ginger (Sonth, Adrak) Whole & Powder, Mace (Jaipatri) Whole & Powder, Mustard (Rai, Sarson) Whole & Powder, Nutmeg (Jaiphal) Whole & Powder, Pepper Black (Kalimirch) Whole & Powder, Light Black Pepper, Pinheads, Poppy (Khas Khas), Turmeric (Haldi) Whole & Powder, Curry Powder, Aniseed (Saunf), Ajwain (Bishops Seeds), Dried Mango Slices, Dried Mango Powder (Amchur), Pepper White whole & Powder, Garlic (Lahsun), Celery, Dehydrated Onion (Sukha Pyaj), Dried Mint, Dried Rosemary | Total ash (on dry basis)   | 4.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 357  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Caraway (Siahjira) Whole & Powder / Caraway (Siahjira) Black Whole, Cardamom (Choti Elaichi) Whole & Powder, Cardamom (Choti Elaichi) Seeds, Large Cardamom (Badi Elaichi) Whole & Powder, Large Cardamom (Badi Elaichi) Seeds, Cinnamon (Dalchini) Whole & Powder, Cassia (Taj) Whole & Powder, Cloves (Laung) Whole & Powder, Coriander (Dhania) Whole / Sabut Dhania & Powder, Cumin (Jeera / Safed Zeera) Whole & Powder, Cumin Black (Kalonji) Whole & Powder, Fennel (Saunf) Whole & Powder, Ginger (Sonth, Adrak) Whole & Powder, Mace (Jaipatri) Whole & Powder, Mustard (Rai, Sarson) Whole & Powder, Nutmeg (Jaiphal) Whole & Powder, Pepper Black (Kalimirch) Whole & Powder, Curry Powder, Aniseed (Saunf), Ajwain (Bishops Seeds), Pepper White whole & Powder   | Volatile oil content (on dry basis)  | 10.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797   |
| 358  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Caraway (Siahjira) Whole / Caraway (Siahjira) Black Whole, Cardamom (Choti Elaichi) Whole, Cardamom (Choti Elaichi) Seeds, Large Cardamom (Badi Elaichi) Whole, Large Cardamom (Badi Elaichi) Seeds, Chilli and Capsicum (Lal Mirchi) Whole, Cinnamon (Dalchini) Whole, Cassia (Taj) Whole, Cloves (Laung) Whole, Coriander (Dhania) Whole / Sabut Dhania, Cumin (Jeera / Safed Zeera) Whole, Cumin Black (Kalonji) Whole, Fennel (Saunf) Whole, Fenugreek (Methi) Whole, Ginger (Sonth, Adrak) Whole, Mace (Jaipatri) Whole, Mustard (Rai, Sarson) Whole, Nutmeg (Jaiphal) Whole, Pepper Black (Kalimirch) Whole, Light Black Pepper, Pinheads, Poppy (Khas Khas), Turmeric (Haldi) Whole, Mixed Masala Whole, Aniseed (Saunf), Ajwain (Bishops Seeds), Dried Mango Slices, Pepper White whole, Garlic (Lahsun), Celery, Dehydrated Onion (Sukha Pyaj)   | Extraneous Matter  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |



# National Accreditation Board for Testing and Calibration Laboratories

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**Laboratory Name :**

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**Accreditation Standard**

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|------|--|--|--|--|
| 359  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Caraway (Siahjira) Whole / Caraway (Siahjira) Black Whole, Cardamom (Choti Elaichi) Whole, Cardamom (Choti Elaichi) Seeds, Large Cardamom (Badi Elaichi) Whole, Large Cardamom (Badi Elaichi) Seeds, Chilli and Capsicum (Lal Mirchi) Whole, Cinnamon (Dalchini) Whole, Coriander (Dhania) Whole / Sabut Dhania, Cumin (Jeera / Safed Zeera) Whole, Cumin Black (Kalonji) Whole, Fennel (Saunf) Whole, Fenugreek (Methi) Whole, Ginger (Sonth, Adrak) Whole, Mace (Jaipatri) Whole, Mustard (Rai, Sarson) Whole, Pepper Black (Kalimirch) Whole, Turmeric (Haldi) Whole, Aniseed (Saunf), Pepper White whole | Insect damaged matter  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 360  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Carbonated Fruit Beverages   | Caramel  | 4.1 of FSSAI Manual (Food Additives)   |
| 361  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Carbonated Fruit Beverages   | Salt   | 1.7 of FSSAI Manual (Fruits and Vegetable Products)  |
| 362  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Carbonated Fruit Beverages   | Starch (Qualitative)   | 1.2.2.1 of FSSAI Manual (Milk and Milk Products)   |
| 363  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Carbonated Fruit Beverages   | Sugar (Qualitative)  | 1.2.1.1 of FSSAI Manual (Milk and Milk Products)   |
| 364  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Carbonated Fruit Beverages   | Sugar (Quantitative)   | 1.2.1.2 of FSSAI Manual (Milk and Milk Products)   |
| 365  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Carbonated Fruit Beverages or Fruit Drinks, Jams, Fruit Jellies & Marmalades   | Fruit Content  | 2.11 of FSSAI Manual (Fruits and Vegetables)   |
| 366  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cardamom (Choti Elaichi) Seeds   | Light seeds  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 367  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cardamom (Choti Elaichi) Whole   | Empty and malformed capsules by count  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 368  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cardamom (Choti Elaichi) Whole   | Immature and Shriveled capsules  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 369  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chakka   | Total Ash (on dry basis)   | 10.7 of FSSAI Manual (Milk and Milk Products)  |



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**Accreditation Standard**

ISO/IEC 17025:2017

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| 370  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chakka                       | Milk Fat (on dry basis)  | 5.3 of FSSAI Manual (Milk and Milk Products)   |
| 371  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chakka                       | Milk Protein (N x 6.38) (on dry basis)   | 7.5 of FSSAI Manual (Milk and Milk Products)   |
| 372  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chakka                       | Titrateable acidity (as lactic acid)   | 9.5 of FSSAI Manual (Milk and Milk Products)   |
| 373  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chakka                       | Total Solids   | 4.4 of FSSAI Manual (Milk and Milk Products)   |
| 374  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cheese and Cheese Products   | Lactose content as anhydrous lactose   | 18.1 of FSSAI Manual (Milk and Milk Products)  |
| 375  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cheese and Cheese Products   | Milk Fat   | 5.3 of FSSAI Manual (Milk and Milk Products)   |
| 376  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cheese and Cheese Products   | Moisture   | 5.2 of FSSAI Manual (Milk and Milk Products)   |
| 377  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chewing Gum / Bubble Gum     | Acid Insoluble Ash   | IS 6287 : 1985, RA   |
| 378  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chewing Gum / Bubble Gum     | Gum Base   | IS 6747 : 1981, Appendix B, RA   |
| 379  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chewing Gum / Bubble Gum     | Moisture   | IS 6287 : 1985, Clause 5, RA   |
| 380  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chewing Gum / Bubble Gum     | Reducing Sugar calculated as Dextrose  | IS 6287 : 1985 RA  |
| 381  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chewing Gum / Bubble Gum     | Sucrose  | IS 6287 : 1985 RA  |
| 382  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chewing Gum / Bubble Gum     | Sulphated Ash  | IS 6287 : 1985, Clause 6, RA   |
| 383  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chhana and Paneer            | Butyrefractometer Reading at 40 °C   | 11.3 & 13.3 of FSSAI Manual (Milk and Milk Products)   |



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| 384  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chhana and Paneer                      | Milk Fat (on dry wt. basis)  | 5.3 of FSSAI Manual (Milk and Milk Products), 2016 / IS 10484 : 1983 (Appendix B) RA                 |
| 385  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chhana and Paneer                      | Moisture   | 5.2 of FSSAI Manual (Milk and Milk Products), 2016 / IS 10484 : 1983, (Appendix A) RA                |
| 386  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chhana and Paneer                      | Starch   | 5.4 of FSSAI Manual (Milk and Milk Products)   |
| 387  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chhana and Paneer                      | Sucrose  | 11.5 of FSSAI Manual (Milk and Milk Products)  |
| 388  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chhana and Paneer                      | Titrateable Acidity  | 9.5 of FSSAI Manual (Milk and Milk Products), 2016 / IS 10484 : 1983, (Appendix C), RA               |
| 389  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chicory                                | Total ash (on dry basis)   | IS 612   |
| 390  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chicory                                | Acid insoluble ash (on dry basis) m/m in diluted HCl   | IS 612   |
| 391  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chicory                                | Aqueous extracts (on dry basis) m/m  | IS 612   |
| 392  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chilli and Capsicum (Lal Mirchi) Whole | Broken fruits, seed and fragments  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 /Annexure A of IS 2322                             |
| 393  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chilli and Capsicum (Lal Mirchi) Whole | Unripe and marked fruits   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 /Annexure A of IS 2322                             |
| 394  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chocolate                              | Acid Insoluble Ash (moisture, fat, sugar free basis)   | IS 1163 : 1992, Annexure E, RA   |
| 395  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chocolate                              | Milk Fat (On dry wt basis)   | IS 1163 : 1992, Annex B, RA  |
| 396  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chocolate                              | Milk Solids (on moisture free and fat free basis)  | IS 1163 : 1992, Annex C, RA  |
| 397  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Chocolate                              | Total Fat (on dry wt. basis)   | IS 1163 : 1992 (Annexure A) RA   |



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| 398  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cinnamon (Dalchini) Whole and Powder   | Coumarin Content (on dry basis)  | NFL/CH/SOP-66  |
| 399  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cloves (Laung) Whole   | Headless cloves  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 4404  |
| 400  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cloves (Laung) Whole   | Insect damaged Colves  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 401  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cloves (Laung) Whole   | Khokar Cloves  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 4404  |
| 402  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cloves (Laung) Whole   | Tendrils, Mother cloves  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 4404  |
| 403  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Acid Value   | 11.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 404  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Butyro-refractometer reading at 40°C /at 50°C  | 5.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)  |
| 405  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Flash point  | 6.0 of FSSAI Manual (Oils & Fats)  |
| 406  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Iodine Value   | 12.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 407  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Melting Point  | 8.1 of FSSAI Manual (Oils & Fats)  |
| 408  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Moisture   | 3.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)  |
| 409  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Oil Soluble colours  | 39.5 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 410  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Peroxide Value   | IS 548 (Part I)  |
| 411  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Rancidity  | 38.0 of FSSAI Manual (Oils & Fats)   |





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| 412  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Saponification Value   | 9.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)  |
| 413  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Suspended and other foreign matter, separated water, added colouring or flavouring substances              | FSSR, 2011 (By Visual Examination)   |
| 414  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Test for Argemone oil  | 30.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 415  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Test for Mineral Oil   | 28.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 416  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Total Polar Compounds  | NFL/CH/SOP-57  |
| 417  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa butter / Refined Salseed fat / Kokum Fat / Mango Kernel Fat / Dhupa Fat / Phulwara Fat | Unsaponifiable Matter  | 10.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 418  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa powder   | Acid insoluble ash by weight (on moisture & fat free basis)  | Annexure E of IS 1164 - 1986 RA  |
| 419  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa powder   | Alkalinity of total ash as K2O by weight (on moisture & fat free basis)                                    | Annexure F of IS 1164 - 1986 RA  |
| 420  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa powder   | Cocoa butter by weight (on dry basis)  | Annexure C of IS 1164 - 1986 RA  |
| 421  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa powder   | Crude fibre by weight (on moisture & fat free basis)   | Annexure G of IS 1164 - 1986 RA  |
| 422  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cocoa powder   | Moisture content   | Annexure B of IS 1164 - 1986 RA  |
| 423  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee (green raw or unroasted), roasted and Ground coffee                                   | Acid insoluble ash (on dry basis)  | IS 3077  |
| 424  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee (green raw or unroasted), roasted and Ground coffee                                   | Alkalinity of soluble ash in mL of 0.1 N HCl per g of material (on dry basis)                              | IS 3077  |



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| 425  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee (green raw or unroasted), roasted and Ground coffee | Aqueous extract (on dry basis)   | IS 3077  |
| 426  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee (green raw or unroasted), roasted and Ground coffee | Caffeine anhydrous (on dry basis)  | IS 3077  |
| 427  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee (green raw or unroasted), roasted and Ground coffee | Moisture (on dry basis)  | IS 3077  |
| 428  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee (green raw or unroasted), roasted and Ground coffee | Total ash (on dry basis)   | IS 3077  |
| 429  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee (green raw or unroasted), roasted and Ground coffee | Water soluble ash (on dry basis)   | IS 3077  |
| 430  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee-Chicory Mixture                                     | Acid insoluble ash on dry basis  | IS 3077  |
| 431  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee-Chicory Mixture                                     | Aqueous extracts   | IS 3077  |
| 432  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee-Chicory Mixture                                     | Caffeine content on dry basis  | IS 2791  |
| 433  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee-Chicory Mixture                                     | Moisture   | IS 2791  |
| 434  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coffee-Chicory Mixture                                     | Total Ash on dry basis   | IS 2791  |
| 435  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Colostrum  | Fat  | 10.3 of FSSAI Manual (Milk and Milk Products)  |
| 436  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Colostrum  | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 437  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Colostrum  | Protein  | 10.6 of FSSAI Manual (Milk and Milk Products)  |
| 438  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Colostrum Powder   | Fat  | 10.3 of FSSAI Manual (Milk and Milk Products)  |



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| 439  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Colostrum Powder                        | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 440  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Colostrum Powder                        | Protein  | 10.6 of FSSAI Manual (Milk and Milk Products)  |
| 441  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Colostrum Powder                        | Scorched particles   | IS:13500   |
| 442  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Colostrum Powder                        | Total Ash (on dry basis)   | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 443  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coriander (Dhania) Whole / Sabut Dhania | Damaged /Discoloured Fruit   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 444  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Coriander (Dhania) Whole / Sabut Dhania | Split Fruit  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 445  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Corn Flakes                             | Acid Insoluble Ash (on Dry wt. basis )   | 8.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1158 (Appendix C) : 1973 RA              |
| 446  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Corn Flakes                             | Alcoholic Acidity (with 90% alcohol)   | 15.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1158 (Appendix E) : 1973 RA             |
| 447  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Corn Flakes                             | Crude Fiber (on dry wt. basis)   | 8.8 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1158 (Appendix D) : 1973 RA              |
| 448  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Corn Flakes                             | Moisture   | 16.1 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1158 (Appendix A) : 1973 RA             |
| 449  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Corn Flakes                             | Total Ash (on dry wt. basis)(Excluding NaCl)   | 16.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1158 (Appendix B) : 1973 RA             |
| 450  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Corn Flour                              | Acid Insoluble in Dil HCl / Acid Insoluble Ash (on dry wt. basis)  | 8.3 of FSSAI Manual (Cereal & Cereal Products ), 2016, Cl 8 IS 4706 (Part 2) : 1978 RA               |
| 451  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Corn Flour                              | Alcoholic Acidity (with 90% alcohol)   | 15.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4706 ( Part 2) : 1978, Clause 15, RA    |



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| 452  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Corn Flour   | Moisture   | 16.1 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4706 (Part 2) : 1978, Clause 4, RA      |
| 453  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Corn Flour   | Total Ash (on dry. wt. basis)  | 16.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4706 (Part 2) : 1978, Clause 5, RA      |
| 454  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cream & Malai  | Butyrefractometer Reading of extracted Fat at 40 °C  | 2.2 & 13.3 of FSSAI Manual (Milk and Milk Products)  |
| 455  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cream & Malai  | Fat Content  | 2.2 of FSSAI Manual (Milk and Milk Products)   |
| 456  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cream & Malai  | Starch   | 1.2.2 of FSSAI Manual (Milk and Milk Products)   |
| 457  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cream and Malai (Finished products, other than fermented and acidified creams) | Acidity (as lactic acid)   | 9.5 of FSSAI Manual (Milk and Milk Products)   |
| 458  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cube sugar   | Moisture   | IS:15279   |
| 459  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cube sugar   | Sucrose  | 9.4 FSSAI Manual Milk and Milk products  |
| 460  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cube sugar   | Total ash  | IS:1168  |
| 461  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cumin (Safed Zeera) Whole  | Broken Fruits (Damaged, Shrivelled, discoloured and immature seed)   | 2.0 of FSSAI Manual (Spices and condiments)  |
| 462  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cumin (Safed Zeera) Whole  | Edible Seeds other than Cumin Seed   | 2.0 of FSSAI Manual (Spices and condiments)  |
| 463  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cumin Black (Kalonji) Whole  | Broken fruit (damaged, shriveled, discoloured and immature seed)   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 464  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Cumin Black (Kalonji) Whole  | Edible Seeds other than cumin black  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |



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| 465  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Curry Powder                 | Edible common Salt   | 16 of IS 1797  |
| 466  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Custard Powder               | Acid insoluble Ash ( on dry wt. basis)   | 8.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4706 ( Part 2 ) : 1978, (Clause 8) RA    |
| 467  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Custard Powder               | Moisture   | 16.1 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4706 (Part 2) : 1978, Clause 4, RA      |
| 468  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Custard Powder               | Total Ash excluding added common salt ( on dry wt. basis)  | 16.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4706 (Part 2) : 1978, Clause 6, RA      |
| 469  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dairy Whitener               | Acid Insoluble ash   | 10.8 of FSSAI Manual (Milk and Milk Products)  |
| 470  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dairy Whitener               | Added Sugar (As Sucrose)   | 9.4 of FSSAI Manual (Milk and Milk Products)   |
| 471  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dairy Whitener               | Insolubility Index   | 10.10 of FSSAI Manual (Milk and Milk Products)   |
| 472  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dairy Whitener               | Milk Fat   | 10.3 of FSSAI Manual (Milk and Milk Products)  |
| 473  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dairy Whitener               | Milk Protein in Solids not Fat (N x 6.38)  | 10.6 of FSSAI Manual (Milk and Milk Products)  |
| 474  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dairy Whitener               | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 475  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dairy Whitener               | Titrateable Acidity (as Lactic acid)   | 9.5 of FSSAI Manual (Milk and Milk Products)   |
| 476  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dairy Whitener               | Total Ash on Moisture, added Sugar and Fat free basis  | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 477  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dates                        | Blemished/ Damaged unit  | By Visual as per FSSR  |



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| 478  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dates                                    | Extraneous matter  | By Visual as per FSSR  |
| 479  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Roasted and Ground Coffee  | Acid insoluble ash (on dry basis)  | IS 3077  |
| 480  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Roasted and Ground Coffee  | Alkalinity of soluble ash in mL of 0.1 N HCl per g of material (on dry basis)                              | IS 3077  |
| 481  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Roasted and Ground Coffee  | Aqueous extract (on dry basis)   | IS 3077  |
| 482  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Roasted and Ground Coffee  | Caffeine anhydrous (on dry basis)  | IS 3077  |
| 483  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Roasted and Ground Coffee  | Moisture (on dry basis)  | IS 3077  |
| 484  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Roasted and Ground Coffee  | Total ash (on dry basis)   | IS 3077  |
| 485  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Roasted and Ground Coffee  | Water soluble ash (on dry basis)   | IS 3077  |
| 486  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Soluble Coffee Powder      | Caffeined content (Anhydrous)  | IS 2791  |
| 487  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Soluble Coffee Powder      | Moisture (on dry basis)  | Annexure B of IS 2791  |
| 488  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Soluble Coffee Powder      | Solubility in boiling water  | Annexure E of IS 2791  |
| 489  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Soluble Coffee Powder      | Solubility in cold water at 16 ± 2°C   | Annexure E of IS 2791  |
| 490  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decaffeinated Soluble Coffee Powder      | Total ash (on dry basis)   | Annexure C of IS 2791  |
| 491  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | 1 Litre mass   | IS 4333 (Part 3)   |



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| 492  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | 1000 kernel weight<br>Decorticated millet grains   | IS 4333 (Part 4)   |
| 493  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Appearance   | FSSR   |
| 494  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Ash (on dry basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products),  |
| 495  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Crude Fibre (on dry basis)   | Appendix E of IS 1155 : 1968 RA 2015 / 8.8 of FSSAI Manual (Cereal and Cereal Products)              |
| 496  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Damaged grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 497  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Decortication  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 498  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Extraneous matter  | 1.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 499  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Fat (on dry basis)   | Annexure F of IS 4684 : 1975, RA   |
| 500  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Immature and Shriveled Grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 501  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Impurities of animal origin in Extraneous matter   | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 502  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Mineral Matter in Extraneous matter  | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 503  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |
| 504  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Other edible grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 505  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra) | Protein (on dry basis)   | 8.7 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 7219 : 1973 RA                           |



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| 506  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra)                | Uric acid  | NFL/CH/SOP-063   |
| 507  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Decorticated Pearl Millet grains (Bajra)                | Weevilled grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 508  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dehydrated Onion (Sukha Pyaj)                           | Peroxidase   | 17.5 of FSSAI Manual (Fruits and Vegetable Products)   |
| 509  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dextrose  | Acidity  | IS: 874  |
| 510  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dextrose  | Glucose (on dry basis)   | IS:873   |
| 511  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dextrose  | Sulphated ash (on dry basis)   | IS:4706 (Part 2)   |
| 512  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Frozen Dessert Mix or Dried Frozen Confection Mix | Moisture   | 3.2 of FSSAI Manual (Milk and Milk Products), 2016 / IS 16072  |
| 513  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Glucose syrup                                     | Reducing Sugar content   | IS:873   |
| 514  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Glucose syrup                                     | Sulphated ash  | IS:15279   |
| 515  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Glucose syrup                                     | Total Solid contents   | IS:873   |
| 516  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Ice Cream Mix                                     | Moisture   | 3.2 of FSSAI Manual (Milk and Milk Products)   |
| 517  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Mango powder (Amchur)                             | Acidity as anhydrous tartaric acid   | 2.4 of FSSAI Manual (Fruits and Vegetable Products)  |
| 518  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Mango powder (Amchur)                             | Salt (as NaCl)   | IS 1797  |
| 519  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Mango Slices                                      | Common Salt  | IS 1797  |





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| 520  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Mango Slices   | Damaged slices   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 521  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Mango Slices   | Inorganic matter extraneous matter   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 522  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Mango Slices   | Organic matter extraneous matter   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 523  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Mango Slices   | Seed coatings  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 524  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Oegano Whole & Powder, Pimento or Allspice Whole & Powder, Dried Laurel or Dried Bay Leaf Whole & Powder, Dried Mint, Dried Rosemary | Volatile Oil (On dry basis) / Volatile Oil Content (On dry basis)  | 10.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797   |
| 525  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Oegano Whole, Pimento or Allspice Whole, Dried Laurel or Dried Bay Leaf Whole, Dried Mint, Dried Rosemary                            | Extraneous vegetable matter  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 526  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Oegano Whole, Pimento or Allspice Whole, Dried Laurel or Dried Bay Leaf Whole, Dried Mint, Dried Rosemary                            | Foreign Matter (As it is basis / On dry basis)   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 527  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dried Rosemary   | Brown Leaves (on dry basis)  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 528  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dry fruits & nuts  | Acidity of extracted fat (as oleic acid)   | 2.4 of FSSAI Manual (Fruits and Vegetables)  |
| 529  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dry fruits & nuts  | Damaged/ Discoloured unit  | By Visual as per FSSR  |
| 530  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Dry fruits & nuts  | Extraneous vegetables matter   | By Visual as per FSSR  |
| 531  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat  | Damaged grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 532  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat  | Ergot  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 533  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat  | Extraneous Matter  | 1.2 of FSSAI Manual (Cereal and Cereal Products)   |



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| 534  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat                  | Impurities of animal matter in extraneous matter   | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 535  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat                  | Mineral matter in Extraneous matter  | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 536  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat                  | Minimum test weight (Weight of 100 litre volume expressed in Kg)   | IS 4333 (Part 3)   |
| 537  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat                  | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |
| 538  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat                  | Other edible grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 539  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat                  | Protein (N x 6.25) (on dry matter basis)   | 8.7 of FSSAI Manual (Cereal and Cereal Products)   |
| 540  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat                  | Shrunken and broken kernels  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 541  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat                  | Uric acid  | NFL/CH/SOP-063   |
| 542  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat                  | Weevil affected grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 543  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Maida            | Alcoholic acidity with 90 percent alcohol (expressed as H2SO4(on dry weight basis)                         | 8.5 of FSSAI Manual (Cereal and Cereal Products)   |
| 544  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Maida            | Ash insoluble in dilute HCL (on dry weight basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 545  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Maida            | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 546  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Maida            | Particle Size  | 1.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 547  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Maida            | Protein (N x 6.25) (on dry basis)  | 8.7 of FSSAI Manual (Cereal and Cereal Products)   |



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| 548  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Maida                                   | Total ash (on dry weight basis)  | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 549  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Semolina and Whole durum Wheat Semolina | Acid Insoluble ash (on dry basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 550  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Semolina and Whole durum Wheat Semolina | Alcoholic Acidity (with 90% alcohol expressed as H <sub>2</sub> SO <sub>4</sub> )                          | 8.5 of FSSAI Manual (Cereal and Cereal Products)   |
| 551  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Semolina and Whole durum Wheat Semolina | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 552  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Semolina and Whole durum Wheat Semolina | Particle size  | 1.1 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 1010 : 1968 RA                           |
| 553  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Semolina and Whole durum Wheat Semolina | Protein (N x 5.7) (on dry matter basis)  | 8.7 of FSSAI Manual (Cereal and Cereal Products), 2016 / Annexure C of IS 4684 : 1975 RA             |
| 554  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Semolina and Whole durum Wheat Semolina | Total Ash (on dry basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 555  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Durum Wheat Semolina and Whole durum Wheat Semolina | Uric acid  | NFL/CH/SOP-063   |
| 556  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Casein Products                              | Casein in protein  | 17.5 of FSSAI Manual (Milk and Milk Products)  |
| 557  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Casein Products                              | Free Acidity   | 17.9 of FSSAI Manual (Milk and Milk Products)  |
| 558  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Casein Products                              | Lactose content as anhydrous lactose   | 17.6 of FSSAI Manual (Milk and Milk Products)  |
| 559  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Casein Products                              | Milk Fat   | 17.3 of FSSAI Manual (Milk and Milk Products)  |
| 560  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Casein Products                              | Milk Protein (N x 6.38) (dry matter basis)   | 17.4 of FSSAI Manual (Milk and Milk Products)  |



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| 561  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Casein Products  | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 562  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Casein Products  | pH (in 10 % Solution)  | 17.10 of FSSAI Manual (Milk and Milk Products)   |
| 563  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Casein Products  | Total Ash including P205   | 17.8 of FSSAI Manual (Milk and Milk Products)  |
| 564  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible common salt  | Matter insoluble in water (on dry basis)   | Annexure C of IS 7224  |
| 565  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible common salt  | Matter soluble in water other than sodium chloride (on dry basis)  | Annexure E of IS 7224  |
| 566  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible common salt  | Moisture   | Annexure A of IS 7224  |
| 567  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible common salt  | Sodium chloride (NaCl) (on dry basis)  | Annexure D of IS 7224  |
| 568  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Lactose  | Lactose content as anhydrous lactose   | 16.7 of FSSAI Manual (Milk and Milk Products)  |
| 569  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Lactose  | pH (10 % Solution)   | Annex A of IS 1000   |
| 570  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Lactose  | Scorched particle  | IS:13500   |
| 571  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Lactose  | Sulphated ash  | IS 8769  |
| 572  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Lactose  | Total moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 573  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C20:3 (Methyl Homogamma Linolenate)  | NFL/CH/SOP-042   |
| 574  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C20:4 (Methyl Arachidonate)  | NFL/CH/SOP-042   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-5351  | <b>Page No</b>         | 45 of 136  |
| <b>Validity</b>               | 24/02/2020 to 23/02/2022   | <b>Last Amended on</b> | 01/08/2021 |

| S.No | Discipline / Group                     | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 575  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C20:5 (Methyl Eicosapentaenoate)   | NFL/CH/SOP-042   |
| 576  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C21:0 (Methyl Heneicosanoate)  | NFL/CH/SOP-042   |
| 577  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C22:0 (Methyl Behenate)  | NFL/CH/SOP-042   |
| 578  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C22:1 (Methyl Erucate)   | NFL/CH/SOP-042   |
| 579  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C22:1T (Methyl Brassidate)   | NFL/CH/SOP-042   |
| 580  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C22:2 (Methyl Docosadienoate)  | NFL/CH/SOP-042   |
| 581  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C22:4 (Methyl Docosatetraenoate)   | NFL/CH/SOP-042   |
| 582  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C22:5n-3 (Methyl Docosapentaenoate)  | NFL/CH/SOP-042   |
| 583  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C22:5n-6 (Methyl Docosapentaenoate)  | NFL/CH/SOP-042   |
| 584  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C22:6 (Methyl Docosahexaenoate)  | NFL/CH/SOP-042   |
| 585  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C23:0 (Methyl Tricosanoate)  | NFL/CH/SOP-042   |
| 586  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C24:0 (Methyl Lingocerate)   | NFL/CH/SOP-042   |
| 587  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C24:1 (Methyl Nervonate)   | NFL/CH/SOP-042   |
| 588  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C4:0 (Methyl Butyrate)   | NFL/CH/SOP-042   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 589  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C6:0 (Methyl Caproate)   | NFL/CH/SOP-042   |
| 590  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | C8:0 (Methyl Caprylate)  | NFL/CH/SOP-042   |
| 591  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Cholesterol  | NFL/CH/SOP-61  |
| 592  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Colour (By Lovibond Tintometer)  | 7.0 of FSSAI Manual (Oils & Fats) : 2016 / IS 548 (Part I)   |
| 593  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Flash point  | 6.0 of FSSAI Manual (Oils & Fats)  |
| 594  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Free Fatty Acid  | 11.8 of FSSAI Manual (Oils & Fats) : 2016 / IS 548 (Part I)  |
| 595  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Hexane   | NFL/CH/SOP-60  |
| 596  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Insoluble Impurities   | IS 548 (Part I)  |
| 597  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Iodine Value   | 12.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 598  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Moisture / Moisture and Volatile Matter  | 3.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)  |
| 599  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Monounsaturated Fatty Acids (MUFA)   | NFL/CH/SOP-042   |
| 600  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Oil Soluble colours  | 39.5 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 601  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Oryzanol   | NFL/CH/SOP-24  |
| 602  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Peroxide Value   | 38.1 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

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| 603  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Polenske Value   | 13.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 604  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Polyunsaturated Fatty Acids (PUFA)   | NFL/CH/SOP-042   |
| 605  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Rancidity  | 38.2.1 of FSSAI Manual (Oils & Fats)   |
| 606  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Refractive Index at 40°C / 50°C  | 5.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)  |
| 607  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Saponification Value   | 9.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)  |
| 608  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Saturated Fatty acid   | NFL/CH/SOP-042   |
| 609  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Specific gravity   | 4.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)  |
| 610  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Suspended and other foreign matter, separated water, added colouring or flavouring substances              | FSSR, 2011 (By Visual Examination)   |
| 611  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Test for Argemone oil  | 30.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 612  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Test for Mineral Oil   | 28.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 613  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Test for Presence of Hydrocyanic Acid  | 32.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 614  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Test for Presence of Karanja Oil   | 31.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II / Sec 9)                                  |
| 615  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil | Test for refined winterized salad oil - Cold test  | 23.0 of FSSAI Manual (Oils & Fats)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 616  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil   | Test for Tri-O-cresyl Phosphate in Edible Oil  | 33.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I / Sec 22)                                  |
| 617  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil   | Total Polar Compounds  | NFL/CH/SOP-57  |
| 618  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil   | Total Trans fatty acids  | NFL/CH/SOP-042   |
| 619  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil   | Unsaponifiable Matter  | 10.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 620  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil   | Unsaturated fatty acid   | NFL/CH/SOP-042   |
| 621  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil except castor oil                       | Test for Presence of Castor Oil  | 29.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 622  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil except Cotton Seed Oil                  | Test for Cotton Seed Oil (Halphens Tests)  | 16.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 623  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil except Linseed Oil                      | Test for Presence of Linseed Oil (Hexabromide Tests)   | 19.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 624  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil except Rice Bran Oil                    | Test for Presence of Rice Bran Oil   | 18.0 of FSSAI Manual (Oils & Fats)   |
| 625  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil except Sesame Oil                       | Test for Sesame Oil (Baudouin Test)  | 15.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 626  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Edible Vegetable Oils, Refined Vegetable Oils, Blended Oils, Interesterified vegetable Fat / Oil, Partially Hydrogenated Soyabean Oil, Milk and dairy products including Ghee | Tertiary butylated hydroxyquinone (TBHQ)   | NFL/CH/SOP-45  |
| 627  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Energy Drinks   | Starch   | 1.2.2.1 of FSSAI Manual (Milk and Milk Products)   |
| 628  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Energy Drinks   | Sucrose  | 1.2.1 of FSSAI Manual (Milk and Milk Products)   |
| 629  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Evaporated or concentrated Milk   | Milk Fat   | 9.3 of FSSAI Manual (Milk and Milk) Products   |





# National Accreditation Board for Testing and Calibration Laboratories

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PRADESH, INDIA

**Accreditation Standard**

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|------|--|---|--|--|
| 630  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Evaporated or concentrated Milk         | Milk Protein in milk Solids not fat (N x 6.38)   | 9.6 of FSSAI Manual (Milk and Milk Products)   |
| 631  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Evaporated or concentrated Milk         | Milk Solids  | 9.2 of FSSAI Manual (Milk and Milk Products)   |
| 632  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Expeller Pressed Edible Groundnut Flour | Acid insoluble ash (on dry basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / Annexure E of IS 4684 : 1975, RA            |
| 633  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Expeller Pressed Edible Groundnut Flour | Acid Value of Extracted Fat  | 11.0 of FSSAI Manual (Oils and Fats), 2016 / Annexure G of IS 4684 : 1975, RA                        |
| 634  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Expeller Pressed Edible Groundnut Flour | Crude Fibre (on dry basis)   | 8.8 of FSSAI Manual (Cereal and Cereal Products), 2016 / Annexure H of IS 4684 : 1975, RA            |
| 635  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Expeller Pressed Edible Groundnut Flour | Fat (on dry basis)   | Annexure F of IS 4684 : 1975, RA   |
| 636  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Expeller Pressed Edible Groundnut Flour | Moisture   | 14.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / Annexure B of IS 4684 : 1975, RA           |
| 637  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Expeller Pressed Edible Groundnut Flour | Protein (N x 6.25) (on dry basis)  | 8.7 of FSSAI Manual (Cereal and Cereal Products), 2016 / Annexure C of IS 4684 : 1975, RA            |
| 638  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Expeller Pressed Edible Groundnut Flour | Total Ash (on dry basis)   | Annexure D of IS 4684  |
| 639  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Expeller Pressed Edible Groundnut Flour | Total Ash (on dry basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 640  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fennel (Saunf) Whole                    | Defective seeds  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 641  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fennel (Saunf) Whole                    | Edible seed other than funnel  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |



# National Accreditation Board for Testing and Calibration Laboratories

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| 642  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fenugreek (Methi) Powder     | Cold water soluble extract on dry basis  | 6.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 643  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fenugreek (Methi) Whole      | Cold water soluble extract on dry basis  | 6.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 644  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fenugreek (Methi) Whole      | Edible seed other than fenugreek   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 645  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fermented Milk / Curd (Dahi) | Fat  | 1.3.4.2 of FSSAI Manual (Milk and Milk Products)   |
| 646  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fermented Milk / Curd (Dahi) | Fat  | IS 10484 (Appendix B)  |
| 647  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fermented Milk / Curd (Dahi) | Milk protein (N x 6.38)  | 15.4 of FSSAI Manual (Milk and Milk Products)  |
| 648  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fermented Milk / Curd (Dahi) | Milk Solids not Fat  | 15.2 of FSSAI Manual (Milk and Milk Products)  |
| 649  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fermented Milk / Curd (Dahi) | Titrateable Acidity (as Lactic acid)   | 9.5 of FSSAI Manual (Milk and Milk Products), 2016 / IS 10484 : 1983 (Appendix C) RA                 |
| 650  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Finger Millet (Ragi)         | Damaged grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 651  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Finger Millet (Ragi)         | Extraneous matter  | 1.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 652  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Finger Millet (Ragi)         | Immature and Shriveled Grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 653  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Finger Millet (Ragi)         | Impurities of animal origin in Extraneous matter   | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 654  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Finger Millet (Ragi)         | Mineral Matter in Extraneous matter  | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 655  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Finger Millet (Ragi)         | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |



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| 656  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Finger Millet (Ragi)                 | Other edible grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 657  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Finger Millet (Ragi)                 | Uric acid  | NFL/CH/SOP-063   |
| 658  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Finger Millet (Ragi)                 | Weevilid grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 659  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food | Ash insoluble in dilute HCL (Percent by weight)  | 10.8 of FSSAI Manual (Milk and Milk Products)  |
| 660  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food | Calcium  | NFL/CH/SOP-011   |
| 661  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food | Chloride   | IS 11763   |
| 662  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food | Copper   | NFL/CH/SOP-011   |
| 663  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food | Iron   | NFL/CH/SOP-011   |
| 664  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food | Linoleate  | Annexure G of IS 14433   |
| 665  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food | Magnesium  | NFL/CH/SOP-011   |
| 666  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food | Manganese  | NFL/CH/SOP-011   |
| 667  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 668  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food | Phosphorous  | IS 12756   |
| 669  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food | Potassium  | NFL/CH/SOP-011   |



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| 670  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food  | Selenium   | NFL/CH/SOP-011   |
| 671  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food  | Sodium   | NFL/CH/SOP-011   |
| 672  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food  | Solubility, percent by weight  | 10.11 of FSSAI Manual (Milk and Milk Products)   |
| 673  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food  | Total ash  | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 674  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food  | Total Fat  | 10.3 of FSSAI Manual (Milk and Milk Products)  |
| 675  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food  | Total Milk Protein   | 10.6 of FSSAI Manual (Milk and Milk Products)  |
| 676  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Follow up Formula-complementary Food  | Zinc   | NFL/CH/SOP-011   |
| 677  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fortified Atta / Maida                | Calcium  | NFL/CH/SOP-011   |
| 678  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fortified Atta / Maida                | Extraneous Matter  | By Visual as per FSSR  |
| 679  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fortified Atta / Maida                | Iron   | NFL/CH/SOP-011   |
| 680  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fortified Atta / Maida                | Zinc   | NFL/CH/SOP-011   |
| 681  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Frozen Desserts or Frozen Confections | Protein (N x 6.25)   | 7.5 of FSSAI Manual (Milk and Milk Products)   |
| 682  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Frozen Desserts or Frozen Confections | Total Fat  | 7.4 of FSSAI Manual (Milk and Milk Products)   |
| 683  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Frozen Desserts or Frozen Confections | Total Solids   | 7.2 of FSSAI Manual (Milk and Milk Products)   |



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| 684  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Frozen Desserts or Frozen Confections   | weight   | 7.3 of FSSAI Manual (Milk and Milk Products)   |
| 685  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fruit / Vegetable, Cereal Flakes  | Starch   | 7.3 of FSSAI Manual (Fruits and Vegetables)  |
| 686  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fruit / Vegetable, Dates; Fruit / Vegetable Cereal Flakes   | Ash insoluble in dilute HCl / Acid Insoluble ash   | 5.3 of FSSAI Manual (Fruits and Vegetables)  |
| 687  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Fruit / Vegetable, Dehydrated Fruits, Raisins, Pistachio nut, Dates, Fruit / Vegetable, Cereal Flakes | Moisture   | 20.1 of FSSAI Manual (Fruits and Vegetables)   |
| 688  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Garam Masala Powder   | Acid Insoluble Ash (on dry wt. basis)  | 5.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797 (Clause 8.0)                             |
| 689  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Garam Masala Powder   | Moisture   | 3.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797 (Clause 9.0)                             |
| 690  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Garam Masala Powder   | Non-Volatile Ether extract   | 9.0 of FSSAI Manual (Spices and condiments), 2016 / IS 1797 (Clause 14.0)                            |
| 691  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Garam Masala Powder   | Presence of Chromate   | IS 3576 (Annexure A)   |
| 692  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Garam Masala Powder   | Total Ash (on dry wt. basis)   | 4.0 of FSSAI Manual (Spices and condiments), 2016 / IS 1797 ( Clause 6)                              |
| 693  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Garam Masala Powder   | Volatile oil   | 10.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797 (Clause 15)                             |
| 694  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Garlic (Lahsun)   | Cold water soluble extract on dry basis  | 6.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 695  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Garlic (Lahsun)   | Peroxidase Test  | 17.5 of FSSAI Manual (Fruits and Vegetable Products)   |
| 696  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Garlic (Lahsun)   | Volatile organic sulphur compound on dry basis   | IS 16358   |
| 697  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ghee  | Annatto  | 4.1.4 of FSSAI Manual (Food Additives)   |



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| 698  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ghee                         | Baudouin Test  | 13.6 of FSSAI Manual (Milk and Milk Products)  |
| 699  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ghee                         | Butyrefractometer Reading at 40 OC   | 13.3 of FSSAI Manual (Milk and Milk Products)  |
| 700  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ghee                         | Free Fatty Acid (as oleic acid)  | 13.4 of FSSAI Manual (Milk and Milk Products), 2016 / IS 548 (Part 1) : 1964 (Clause 7) RA           |
| 701  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ghee                         | Milk Fat   | 1.3.4.2 of FSSAI Manual (Milk and Milk Products)   |
| 702  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ghee                         | Mineral Oil  | 13.7 of FSSAI Manual (Milk and Milk Products)  |
| 703  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ghee                         | Moisture   | 13.2 of FSSAI Manual (Milk and Milk Products)  |
| 704  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ghee                         | Oil Soluble Synthetic Colour   | 39.5 of FSSAI Manual (Oil and Fats)  |
| 705  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ghee                         | Reicher Meissl Value (R.M.)  | 13.5 of FSSAI Manual (Milk and Milk Products), 2016 / IS 548 (Part 1) 1964 (Clause 18) RA            |
| 706  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ginger (Sonth, Adrak) Powder | Alcohol (90% v/w) soluble extract on dry basis   | 7.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 707  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ginger (Sonth, Adrak) Powder | Calcium as Calcium oxide on dry basis  | 8.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 708  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ginger (Sonth, Adrak) Powder | Cold water soluble extract on dry basis  | 6.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 709  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ginger (Sonth, Adrak) Powder | Water soluble ash on dry basis   | IS 1797  |
| 710  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ginger (Sonth, Adrak) Whole  | Calcium as Calcium oxide on dry basis  | 8.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 711  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Golden Syrup                 | Moisture   | IS: 874  |



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| 712  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Golden Syrup                 | Total Ash  | IS:4706 (Part 2)   |
| 713  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Golden Syrup                 | Total Sugar as invert sugar  | IS 873   |
| 714  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Green Tea                    | Acid- insoluble ash (on dry basis)   | IS 13857   |
| 715  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Green Tea                    | Alkalinity of water soluble ash (expressed as KOH), (on dry basis)   | IS 13856   |
| 716  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Green Tea                    | Crude fiber (on dry basis)   | IS 10226 (Part 1)  |
| 717  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Green Tea                    | Total ash (on dry basis)   | IS 13854   |
| 718  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Green Tea                    | Water extract (on dry basis)   | IS 13862   |
| 719  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Green Tea                    | Water soluble ash (on dry basis)   | IS 13856   |
| 720  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Gur or Jaggery               | Ash Insoluble in dil Hcl   | IS 12923   |
| 721  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Gur or Jaggery               | Extraneous matter insoluble in water   | IS:15279   |
| 722  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Gur or Jaggery               | Moisture   | IS 5982  |
| 723  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Gur or Jaggery               | Total Ash  | IS 12923   |
| 724  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Gur or Jaggery               | Total Sugar Expressed as invert sugar  | 9.4.1 of FSSAI Manual (Milk and Milk Products)   |
| 725  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Herbal Tea                   | Moisture   | IS 13853   |



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| 726  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Herbal Tea                   | Salt   | 1.7 of FSSAI Manual (Fruits and Vegetables)  |
| 727  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Herbal Tea                   | Sugar  | 1.2.1.1.2 of FSSAI Manual (Milk and Milk Products)   |
| 728  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Herbal Tea                   | Total Ash  | 4.0 of FSSAI Manual (Spices and Condiments)  |
| 729  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Herbal Tea                   | Turmeric   | 22.0 of FSSAI Manual (Spices and Condiments)   |
| 730  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey                        | Acidity (as Formic Acid)   | IS 4941 (Annexure E)   |
| 731  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey                        | Diastase activity  | Harmonized Methods of the International Honey Commission   |
| 732  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey                        | Electrical Conductivity  | Harmonized Methods of the International Honey Commission   |
| 733  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey                        | Fiehe's Test   | IS 4941 (Annexure F)   |
| 734  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey                        | Free acidity as Formic acid  | Harmonized Methods of the International Honey Commission   |
| 735  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey                        | Fructose-Glucose Ratio   | IS 4941 (Annexure C)   |
| 736  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey                        | Hydroxy methyl Furfural (HMF)  | IS 4941 (Annexure F)   |
| 737  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey                        | Moisture   | IS 4941 (Annexure B)   |
| 738  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey                        | Pollen count and plant elements  | IS 4941 Annexure G   |
| 739  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey                        | Proline  | Harmonized Methods of the International Honey Commission   |





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| 740  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey  | Specific Gravity at 27 0C  | IS 4941 (Annexure A)   |
| 741  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey  | Sucrose  | IS 4941 (Annexure C)   |
| 742  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey  | Total Ash  | IS 4941 (Annexure D)   |
| 743  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey  | Total Reducing Sugar   | IS 4941 (Annexure C)   |
| 744  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Honey  | Water insoluble matters  | Harmonized Methods of the International Honey Commission   |
| 745  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Hydrogenate Vegetable Oils (Vanaspati)                 | Acid Value   | 11.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 746  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Hydrogenate Vegetable Oils (Vanaspati)                 | Colour of Baudouin Tests   | 7.0 and 15.0 of FSSAI Manual (Oils & Fats)   |
| 747  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Hydrogenate Vegetable Oils (Vanaspati)                 | Moisture   | 3.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)  |
| 748  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Hydrogenate Vegetable Oils (Vanaspati)                 | Oil Soluble colours  | 39.5 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 749  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Hydrogenate Vegetable Oils (Vanaspati)                 | Rancidity  | 38.0 of FSSAI Manual (Oils & Fats)   |
| 750  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Hydrogenate Vegetable Oils (Vanaspati)                 | Test for Argemone oil  | 30.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 751  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Hydrogenate Vegetable Oils (Vanaspati)                 | Unsaponifiable Matter  | 10.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 752  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Hydrogenate Vegetable Oils (Vanaspati)                 | Vitamin A  | NFL/CH/SOP-65  |
| 753  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ice Cream, Kulfi, Chocolate Ice Cream, Softy Ice-Cream | Milk Fat   | 7.4 of FSSAI Manual (Milk and Milk Products)   |



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| 754  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ice Cream, Kulfi, Chocolate Ice Cream, Softy Ice-Cream | Milk Protein   | 7.5 of FSSAI Manual (Milk and Milk Products)   |
| 755  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ice Cream, Kulfi, Chocolate Ice Cream, Softy Ice-Cream | Moisture   | 3.2 of FSSAI Manual (Milk and Milk Products)   |
| 756  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ice Cream, Kulfi, Chocolate Ice Cream, Softy Ice-Cream | Starch   | 7.6 of FSSAI Manual (Milk and Milk Products)   |
| 757  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ice Cream, Kulfi, Chocolate Ice Cream, Softy Ice-Cream | Sucrose  | 9.4 of FSSAI Manual (Milk and Milk Products)   |
| 758  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ice Cream, Kulfi, Chocolate Ice Cream, Softy Ice-Cream | Sugar  | 1.2.1.1 of FSSAI Manual (Milk and Milk Products)   |
| 759  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ice Cream, Kulfi, Chocolate Ice Cream, Softy Ice-Cream | Total Solids   | 7.2 of FSSAI Manual (Milk and Milk Products)   |
| 760  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Ice Cream, Kulfi, Chocolate Ice Cream, Softy Ice-Cream | Weight g/L   | 7.3 of FSSAI Manual (Milk and Milk Products)   |
| 761  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Icing Sugar  | Moisture   | IS:15279   |
| 762  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Icing Sugar  | Starch (on dry basis)  | 9.4 FSSAI Manual spices and condiments   |
| 763  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Icing Sugar  | Total starch and sucrose (moisture free)   | By calculation   |
| 764  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula   | Ash insoluble in dilute HCl  | 10.8 of FSSAI Manual (Milk and Milk Products)  |
| 765  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula   | Calcium  | NFL/CH/SOP-011   |
| 766  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula   | Chloride   | IS 11763   |
| 767  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula   | Copper   | NFL/CH/SOP-011   |



# National Accreditation Board for Testing and Calibration Laboratories

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| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--|------------------------------|--|--|
| 768  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Iron   | NFL/CH/SOP-011   |
| 769  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Linoleate  | Annexure G of IS 14433   |
| 770  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Magnesium  | NFL/CH/SOP-011   |
| 771  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Manganese  | NFL/CH/SOP-011   |
| 772  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 773  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Phosphorus   | IS 12756   |
| 774  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Potassium  | NFL/CH/SOP-011   |
| 775  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Selenium   | NFL/CH/SOP-011   |
| 776  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Sodium   | NFL/CH/SOP-011   |
| 777  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Solubility percent by wt   | 10.11 of FSSAI Manual (Milk and Milk Products)   |
| 778  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Total ash  | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 779  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Total Fat  | 10.3 of FSSAI Manual (Milk and Milk Products)  |
| 780  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formula               | Zinc   | NFL/CH/SOP-011   |
| 781  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Formulae              | Total milk Protein(N x 6.38)   | 10.6 of FSSAI Manual (Milk and Milk Products)  |



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| 782  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute       | Ash insoluble in dilute HCL (percent by weight)  | 10.8 of FSSAI Manual (Milk and Milk Products)  |
| 783  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute       | Calcium  | NFL/CH/SOP-011   |
| 784  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute       | Chloride   | IS 11763 : 2011 RA   |
| 785  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute       | Copper   | NFL/CH/SOP-011   |
| 786  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Milk Substitute       | Iron   | NFL/CH/SOP-011   |
| 787  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute       | Magnesium  | NFL/CH/SOP-011   |
| 788  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute       | Manganese  | NFL/CH/SOP-011   |
| 789  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Milk Substitute       | Milk Fat   | 10.3 of FSSAI Manual (Milk and Milk Products)  |
| 790  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Milk Substitute       | Milk Fat   | IS 11721   |
| 791  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Milk Substitute       | Milk Protein   | IS 7219  |
| 792  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Milk Substitute       | Moisture   | 10.2 FSSAI Manual (Milk and Milk Products)   |
| 793  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute       | Phosphorous  | IS 12756   |
| 794  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute       | Potassium  | NFL/CH/SOP-011   |
| 795  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute       | Selenium   | NFL/CH/SOP-011   |



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| 796  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute                      | Sodium   | NFL/CH/SOP-011   |
| 797  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute                      | Solubility, percent by weight  | 10.11 of FSSAI Manual (Milk and Milk Products)   |
| 798  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Milk Substitute                      | Total Ash  | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 799  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant Milk Substitute                      | Total Ash  | IS 14433 (Annex B)   |
| 800  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute                      | Total Milk Protein   | 10.6 of FSSAI Manual (Milk and Milk Products)  |
| 801  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute                      | Total Milk Protein   | IS 7219  |
| 802  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Infant milk substitute                      | Zinc   | NFL/CH/SOP-011   |
| 803  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Instant Coffee - Chicory Mixture            | Acid insoluble ash on dry basis  | Annexure G of IS 3077  |
| 804  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Instant Coffee - Chicory Mixture            | Caffeine (Anhydrous)   | Annexure D of IS 2791  |
| 805  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Instant Coffee - Chicory Mixture            | Moisture   | Annexure B of IS 2791  |
| 806  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Instant Coffee - Chicory Mixture            | Solubility in boiling water  | Annexure E of IS 2791  |
| 807  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Instant Coffee - Chicory Mixture            | Solubility in Cold water at 16 ± 2 °C  | Annexure E of IS 2791  |
| 808  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Instant Coffee - Chicory Mixture            | Total Ash on dry basis   | Annexure C of IS 2791  |
| 809  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Instant Noodles (Fried Noodles / Non Fried) | Acid Insoluble Ash (on dry wt basis)   | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |



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| 810  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Instant Noodles (Fried Noodles / Non Fried) | Acid Insoluble Ash (on dry wt basis)   | Annexure E of IS 1485  |
| 811  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Instant Noodles (Fried Noodles / Non Fried) | Moisture   | Annexure. C OF IS 1485   |
| 812  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Instant Noodles (Fried Noodles / Non Fried) | Moisture   | 16.1 of FSSAI Manual (Cereal and Cereal Products)  |
| 813  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Instant Noodles (Fried Noodles)             | Acid value of extracted oil  | 14.5 of FSSAI Manual (Cereal and Cereal Products),   |
| 814  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iodised salt                                | Iodine Content (as I)  | AOAC 925.56  |
| 815  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iodised salt                                | Matter insoluble in water (on dry basis)   | Annexure C of IS 7224  |
| 816  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iodised salt                                | Matter soluble in water other than sodium chloride (on dry basis)  | Annexure E of IS 7224  |
| 817  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iodised salt                                | Moisture   | Annexure A of IS 7224  |
| 818  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iodised salt                                | Sodium chloride (NaCl) (on dry basis)  | Annexure D of IS 7224  |
| 819  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified common salt                  | Chloride content as NaCl (on dry basis)  | Annexure D of IS 7224  |
| 820  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified common salt                  | Iron content (as Fe)   | NFL/CH/SOP-011   |
| 821  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified common salt                  | Magnesium as (Mg) water soluble  | Annexure F of IS 7224  |
| 822  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified common salt                  | Matter insoluble in dilute HCl (on dry basis)  | IS 253   |
| 823  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified common salt                  | Matter soluble in water other than sodium chloride (on dry basis)  | Annexure E of IS 7224  |



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| 824  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified common salt                          | Moisture   | Annexure A of IS 7224  |
| 825  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified common salt                          | pH value in 5 % aqueous solution   | IS 12981   |
| 826  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified common salt                          | Phosphorous as Inorganic (PO <sub>4</sub> )  | IS 7874 (PART 2)   |
| 827  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified common salt                          | Sulphate (as SO <sub>4</sub> )   | Annexure G of IS 7224  |
| 828  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified common salt                          | water insoluble matter (on dry wt basis)   | Annexure C of IS 7224  |
| 829  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified iodised salt (double fortified salt) | Chloride content as NaCl (on dry basis)  | Annexure D of IS 7224  |
| 830  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified iodised salt (double fortified salt) | Iodine Content (as I)  | AOAC 925.56  |
| 831  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified iodised salt (double fortified salt) | Iron content (as Fe)   | NFL/CH/SOP-011   |
| 832  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified iodised salt (double fortified salt) | Magnesium as (Mg) water soluble  | Annexure F of IS 7224  |
| 833  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified iodised salt (double fortified salt) | Matter insoluble in dilute HCl (on dry basis)  | Annexure E of IS 7224  |
| 834  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified iodised salt (double fortified salt) | Matter soluble in water other than sodium chloride (on dry basis)  | Annexure E of IS 7224  |
| 835  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified iodised salt (double fortified salt) | Moisture   | Annexure A of IS 7224  |
| 836  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified iodised salt (double fortified salt) | Phosphorous as P <sub>2</sub> O <sub>5</sub>   | IS 7874 (PART 2)   |
| 837  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified iodised salt (double fortified salt) | Sulphate (as SO <sub>4</sub> )   | Annexure G of IS 7224  |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 838  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Iron fortified iodised salt (double fortified salt)   | water insoluble matter (on dry wt basis)   | Annexure C of IS 7224  |
| 839  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jams, Fruit Jellies & Marmalades  | Mold growth  | Visual / Microscopic examination   |
| 840  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jams, Fruit Jellies & Marmalades, Carbonated Fruit Beverages or Fruit Drinks  | Total Soluble Solids   | 1.6 of FSSAI Manual (Fruits and Vegetables)  |
| 841  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jams, Fruit Jellies & Marmalades, Carbonated Fruit Beverages or Fruit Drinks, Tomato Ketchup and Tomato Sauce, Culinary Pastes / Fruits and Vegetable Sauces other than Tomato Sauce and Soya Sauce | Container filled with the Product (% water capacity of the container)                                      | 1.3 of FSSAI Manual (Fruits and Vegetables)  |
| 842  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jawar   | Damaged grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 843  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jawar   | Ergot affected grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 844  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jawar   | Foreign matter (Extraneous matter)   | 1.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 845  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jawar   | Impurities of animal origin in foreign matter  | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 846  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jawar   | Mineral Matter in foreign matter   | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 847  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jawar   | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |
| 848  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jawar   | Other edible grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 849  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jawar   | Total of foreign matter, other edible grains and damaged grains  | 1.2, 1.3 , 1.4 of FSSAI Manual (Cereal and Cereal Products)  |
| 850  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jawar   | Uric acid  | NFL/CH/SOP-063   |





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| 851  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Jawar                        | Weevilid grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 852  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Kangra tea                   | Alkalinity of soluble ash (on dry basis)   | IS 13856   |
| 853  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Kangra tea                   | Ash in soluble in dilute HCl (on dry basis)  | IS 13857   |
| 854  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Kangra tea                   | Crude fiber (determined on tea dried to constant weight at 100°C)  | IS 10226 (Part 1)  |
| 855  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Kangra tea                   | Extract obtained by boiling dried tea (dried to constant weight at 180 °C with 100 parts of distilled water for one hour undre reflux) | IS 13862   |
| 856  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Kangra tea                   | Iron filling (mg/kg)   | IS 3633  |
| 857  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Kangra tea                   | Total ash (determined on tea dried to constant weight at 100°C)  | IS 13854   |
| 858  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Kangra tea                   | Total ash soluble in boiling distilled water   | IS 13855   |
| 859  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khandsari sugar              | Ash insoluble in dilute HCl  | IS:13953   |
| 860  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khandsari Sugar              | Calcium Oxide  | NFL/CH/SOP-011   |
| 861  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khandsari sugar              | Conductivity of 5% solution at 30°C  | IS:15279   |
| 862  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khandsari sugar              | Extraneous matter  | IS:13953   |
| 863  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khandsari sugar              | Moisture (heated at 105 ± 1 °C for 3 hr)   | IS:15279   |



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**Accreditation Standard**

ISO/IEC 17025:2017

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| 864  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khandsari sugar              | Sucrose  | 9.4 FSSAI Manual Milk and Milk products  |
| 865  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Butyrefractometer Reading of extracted fat at 40 °C  | 11.3 & 13.3 of FSSAI Manual (Milk and Milk Products)   |
| 866  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Detergent  | 1.2.14 of FSSAI Manual (Milk and Milk Products)  |
| 867  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Glucose  | 1.2.7 of FSSAI Manual (Milk and Milk Products)   |
| 868  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Milk Fat (on dry wt basis)   | 11.3 of FSSAI Manual (Milk and Milk Products), 2016 / IS 2785 : 1979 (Appendix B) RA                 |
| 869  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Moisture   | 5.2 of FSSAI Manual (Milk and Milk Products)   |
| 870  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Neutralizer  | 1.2.11 of FSSAI Manual (Milk and Milk Products)  |
| 871  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Oil Soluble Synthetic Colour   | 39.0 of FSSAI Manual (Oil and Fats)  |
| 872  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Polenske Value of extracted fat  | 13.5 of FSSAI Manual (Milk and Milk Products)  |
| 873  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | R M Value of extracted fat   | 13.5 of FSSAI Manual (Milk and Milk Products)  |
| 874  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Starch   | 11.4 of FSSAI Manual (Milk and Milk Products)  |
| 875  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Sugar  | 11.5 of FSSAI Manual (Milk and Milk Products)  |
| 876  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Titrateable Acidity as Lactic Acid   | 9.5 of FSSAI Manual (Milk and Milk Products)   |
| 877  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                         | Total Ash (on dry wt basis)  | 10.7 of FSSAI Manual (Milk and Milk Products)  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 878  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                                | Total Solids   | 9.2 of FSSAI Manual (Milk and Milk Products) : 2016 / IS 12333 : 2017 / IS 11622 : 1986 RA:          |
| 879  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Khoa                                | Urea   | 1.2.4 of FSSAI Manual (Milk and Milk Products)   |
| 880  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Lactose free infant milk substitute | Lactose content as anhydrous lactose   | 18.1 of FSSAI Manual (Milk and Milk Products)  |
| 881  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Lactose free infant milk substitute | Total Fat  | 10.3 of FSSAI Manual (Milk and Milk Products)  |
| 882  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Lactose free infant milk substitute | Total Protein  | 10.6 of FSSAI Manual (Milk and Milk Products)  |
| 883  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Large Cardamom (Badi Elaichi) Seeds | Light seeds / Brown / Red Seeds  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 884  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Large Cardamom (Badi Elaichi) Whole | Empty and malformed capsules by count  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 885  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Large Cardamom (Badi Elaichi) Whole | Immature and Shriveled capsules  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 886  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Light Black Pepper                  | Other Foreign edible seeds   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 887  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Lozenges                            | Ash insoluble in dilute HCl  | IS 6287 : 1985 RA  |
| 888  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Lozenges                            | Ash sulphated (on salt free basis)   | IS 6287 : 1985 RA  |
| 889  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Lozenges                            | Surcourse content  | IS 6287 : 1985 RA  |
| 890  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mace (Jaipatri) Whole               | Nutmeg in mace   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |



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|------|--|--|--|--|
| 891  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Maize / Any other food grains not specified in FSSR 2011 | Damaged grain  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 892  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Maize / Any other food grains not specified in FSSR 2011 | Foreign matter (Extraneous matter)   | 1.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 893  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Maize / Any other food grains not specified in FSSR 2011 | Impurities of animal origin in foreign matter  | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 894  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Maize / Any other food grains not specified in FSSR 2011 | Mineral Matter in foreign matter   | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 895  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Maize / Any other food grains not specified in FSSR 2011 | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |
| 896  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Maize / Any other food grains not specified in FSSR 2011 | Other edible grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 897  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Maize / Any other food grains not specified in FSSR 2011 | Total of foreign matter, other edible grains and damaged grains  | 1.2, 1.3 , 1.4 of FSSAI Manual (Cereal and Cereal Products)  |
| 898  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Maize / Any other food grains not specified in FSSR 2011 | Uric acid  | NFL/CH/SOP-063   |
| 899  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Maize / Any other food grains not specified in FSSR 2011 | Weevilled grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 900  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Based Foods (Malt Food)                             | Acid insoluble ash (on dry basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 901  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Based Foods (Malt Food)                             | Acid insoluble ash (on dry basis)  | Annexure B of IS 14433   |
| 902  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Based Foods (Malt Food)                             | Alcoholic acidity with 90 percent alcohol (expressed as H2SO4 (on dry weight basis)                        | 8.5 of FSSAI Manual (Cereal and Cereal Products)   |
| 903  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Based Foods (Malt Food)                             | Moisture   | Annexure A of IS 1806  |
| 904  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Based Foods (Malt Food)                             | Total Ash (on dry basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR  
PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

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| 905  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Based Foods (Malt Food) | Total Ash (on dry basis)   | Annexure B of IS 14433   |
| 906  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Based Foods (Malt Food) | Total Protein (N x 6.25) (on dry basis)  | IS 7219  |
| 907  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Based Foods (Malt Food) | Total Protein (N x 6.25) (on dry basis)  | 8.7 of FSSAI Manual (Cereal and Cereal Products)   |
| 908  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Extract                 | Crude Protein (on dry basis)   | Annexure E of IS 2404  |
| 909  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Extract                 | Density at 20°C  | Annexure A of IS 2404  |
| 910  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Extract                 | Refractive Index at 20°C   | Annexure B of IS 2404  |
| 911  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Extract                 | Test for Starch  | 1.2.2.1 of FSSAI Manual (Milk and Milk Products)   |
| 912  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Extract                 | Test for Starch  | Annexure B of IS 1806  |
| 913  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malt Extract                 | Total Solids (as is basis)   | Annexure C of IS 2404  |
| 914  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food             | Acid insoluble ash (on dry basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 915  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food             | Acid insoluble ash (on dry basis)  | Annexure B of IS 14433   |
| 916  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food             | Moisture   | Annexure A of IS 1806  |
| 917  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food             | Solubility   | 17.1 of FSSAI Manual (Cereal and Cereal Products)  |
| 918  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food             | Test for Starch  | 1.2.2.1 of FSSAI Manual (Milk and Milk Products)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 919  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food  | Test for Starch  | Annexure B of IS 1806  |
| 920  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food  | Total Ash (on dry basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 921  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food  | Total Ash (on dry basis)   | Annexure B of IS 14433   |
| 922  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food  | Total Fat (on dry basis)   | AOAC 920.39  |
| 923  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food  | Total Fat (on dry basis)   | IS 11721   |
| 924  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food  | Total Protein (N x 6.25) (on dry basis)  | IS 7219  |
| 925  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Malted Milk Food  | Total Protein (N x 6.25) (on dry basis)  | 8.7 of FSSAI Manual (Cereal and Cereal Products)   |
| 926  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread) | Acid Value   | 11.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 927  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread) | Colour of Baudouin Tests   | 7.0 and 15.0 of of FSSAI Manual (Oils & Fats)  |
| 928  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread) | Common Salt  | 12.4 of FSSAI Manual (Milk and Milk Products), 2016 / IS 12451                                       |
| 929  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread) | Fat  | IS 12451   |
| 930  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread) | Free Fatty Acid (As oleic acid) of extracted fat   | 11.8 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 931  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread) | Melting Point of extracted fat (Capillary Slip Method)   | 8.0 of FSSAI Manual (Oils & Fats), 2016 / IS 12451   |
| 932  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread) | Moisture   | 3.0 of FSSAI Manual (Oils & Fats), 2016 / IS 12451   |



# National Accreditation Board for Testing and Calibration Laboratories

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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 933  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread)   | Oil Soluble colours  | 39.5 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 934  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread)   | Rancidity  | 38.0 of FSSAI Manual (Oils & Fats)   |
| 935  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread)   | Starch (Quantitative)  | 1.2.2 of FSSAI Manual (Milk and Milk Products)   |
| 936  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread)   | Test for Argemone oil  | 30.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 937  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread)   | Test for Mineral Oil   | 28.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II)  |
| 938  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread)   | Unsaponifiable Matter of extracted fat   | 10.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 939  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Margarine & Fat spreads (Table margarine, Bakery and Industrial Margarine and Fat Spread)   | Vitamin A  | NFL/CH/SOP-65  |
| 940  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc) | Butyro Refractometer Reading of extracted fat at 40 °C   | 1.2.9 of FSSAI Manual (Milk and Milk Products)   |
| 941  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc) | Detergent  | 1.2.14 of FSSAI Manual (Milk and Milk Products)  |
| 942  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc) | Formalin   | 1.2.17 of FSSAI Manual (Milk and Milk Products)  |
| 943  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc) | Glucose  | 1.2.7 of FSSAI Manual (Milk and milk products)   |
| 944  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc) | Milk Fat   | 1.3.4.3 of FSSAI Manual (Milk and Milk Products), 2016/IS 1224(Part 1):1977 RA                       |
| 945  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc) | Milk Solids  | 1.3.3 of FSSAI Manual (Milk and Milk Products), 2016/ IS 1479(Part II):1961, Clause 4, RA            |



# National Accreditation Board for Testing and Calibration Laboratories

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| 946  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc)  | Milk Solids Not Fat  | IS 10083 : 1982 RA   |
| 947  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc)  | Neutralizer  | 1.2.11 of FSSAI Manual (Milk and Milk products)  |
| 948  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc)  | Skimmed Milk Powder  | 1.2.15 of FSSAI Manual (Milk and milk products)  |
| 949  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc)  | Starch   | 1.2.2 of FSSAI Manual(Milk and Milk Products)  |
| 950  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc)  | Sucrose  | 1.2.1.1 of FSSAI Manual (milk and milk products)   |
| 951  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk (Species Identified Milk / Mixed Milk / Full Cream Milk / Standardized Milk / Tonned Milk / Doble Tonned Milk / Skimmed Milk / Flavoured Milk etc)  | Urea   | 1.2.4 of FSSAI Manual (Milk and Milk Products)   |
| 952  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Dairy Products, Fats & Oils and Fat emulsions, Edible ice including sorbets, Fruit and Vegetable products including nut and nut products, Confectionary, Cereal and Cereal products, Bakery Products, Meat and Meat Products including Poultry Products, Fish and Fish Products, Sweeteners including honey, Salts, Spices, Soups, salads and Protein Products, Beverages (Alcoholic / Non Alcoholic), Ready to eat Savouries | Sodium Benzoate (as Benzoic acid)  | NFL/CH/SOP/021   |
| 953  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Dairy Products, Fats & Oils and Fat emulsions, Edible ice including sorbets, Fruit and Vegetable products including nut and nut products, Confectionary, Cereal and Cereal products, Bakery Products, Meat and Meat Products including Poultry Products, Fish and Fish Products, Sweeteners including honey, Salts, Spices, Soups, salads and Protein Products, Beverages (Alcoholic / Non Alcoholic), Ready to eat Savouries | Sorbic Acid  | NFL/CH/SOP/021   |
| 954  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Dairy Products, Fats & Oils and Fat emulsions, Edible ice including sorbets, Fruit and Vegetable products, Confectionary, Cereal and Cereal products, Bakery Products, Fish and Fish Products, Sweeteners including honey, Salts, Spices, Soups, salads and Protein Products, Beverages (Alcoholic / Non Alcoholic), Ready to eat Savouries   | Acesulfame Potassium   | NFL/CH/SOP/020   |





# National Accreditation Board for Testing and Calibration Laboratories

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|------|--|---|--|--|
| 955  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Dairy Products, Fats & Oils and Fat emulsions, Edible ice including sorbets, Fruit and Vegetable products, Confectionary, Cereal and Cereal products, Bakery Products, Fish and Fish Products, Sweeteners including honey, Salts, Spices, Soups, salads and Protein Products, Beverages (Alcoholic / Non Alcoholic), Ready to eat Savouries                                | Aspartame  | NFL/CH/SOP/020   |
| 956  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Dairy Products, Fats & Oils and Fat emulsions, Edible ice including sorbets, Fruit and Vegetable products, Confectionary, Cereal and Cereal products, Bakery Products, Fish and Fish Products, Sweeteners including honey, Salts, Spices, Soups, salads and Protein Products, Beverages (Alcoholic / Non Alcoholic), Ready to eat Savouries                                | Saccharin  | NFL/CH/SOP/020   |
| 957  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Dairy Products, Fats & Oils and Fat emulsions, Edible ice including sorbets, Fruit and Vegetable products, Confectionary, Cereal and Cereal products, Bakery Products, Fish and Fish Products, Sweeteners including honey, Salts, Spices, Soups, salads and Protein Products, Beverages (Alcoholic / Non Alcoholic), Ready to eat Savouries                                | Sucralose  | NFL/CH/SOP-025   |
| 958  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Milk Products, Cereal and Cereal Products, Fruits and Fruits Products, Vegetables and Vegetables Products, Spices and Condiments, Sweetners including Honey, Sweets and Confectionary, Beverages (Alcoholic / Non alcoholic), Meat and Meat Products, Fish and Fish Products, Eggs and Egg Products, Edible ice including sorbets, Bakery Products, Eggs and Eggs Products | Allura Red   | 4.2.7 FSSAI Manual (Food Additives)  |
| 959  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Milk Products, Cereal and Cereal Products, Fruits and Fruits Products, Vegetables and Vegetables Products, Spices and Condiments, Sweetners including Honey, Sweets and Confectionary, Beverages (Alcoholic / Non alcoholic), Meat and Meat Products, Fish and Fish Products, Eggs and Egg Products, Edible ice including sorbets, Bakery Products, Eggs and Eggs Products | Brilliant Blue FCF   | 4.2.7 FSSAI Manual (Food Additives)  |
| 960  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Milk Products, Cereal and Cereal Products, Fruits and Fruits Products, Vegetables and Vegetables Products, Spices and Condiments, Sweetners including Honey, Sweets and Confectionary, Beverages (Alcoholic / Non alcoholic), Meat and Meat Products, Fish and Fish Products, Eggs and Egg Products, Edible ice including sorbets, Bakery Products, Eggs and Eggs Products | Carmosine  | 4.2.7 FSSAI Manual (Food Additives)  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-5351

**Page No**

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**Validity**

24/02/2020 to 23/02/2022

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|------|--|---|--|--|
| 961  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Milk Products, Cereal and Cereal Products, Fruits and Fruits Products, Vegetables and Vegetables Products, Spices and Condiments, Sweetners including Honey, Sweets and Confectionary, Beverages (Alcoholic / Non alcoholic), Meat and Meat Products, Fish and Fish Products, Eggs and Egg Products, Edible ice including sorbets, Bakery Products, Eggs and Eggs Products | Erythrosine  | 4.2.7 FSSAI Manual (Food Additives)  |
| 962  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Milk Products, Cereal and Cereal Products, Fruits and Fruits Products, Vegetables and Vegetables Products, Spices and Condiments, Sweetners including Honey, Sweets and Confectionary, Beverages (Alcoholic / Non alcoholic), Meat and Meat Products, Fish and Fish Products, Eggs and Egg Products, Edible ice including sorbets, Bakery Products, Eggs and Eggs Products | Fast Green FCF   | 4.2.7 FSSAI Manual (Food Additives)  |
| 963  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Milk Products, Cereal and Cereal Products, Fruits and Fruits Products, Vegetables and Vegetables Products, Spices and Condiments, Sweetners including Honey, Sweets and Confectionary, Beverages (Alcoholic / Non alcoholic), Meat and Meat Products, Fish and Fish Products, Eggs and Egg Products, Edible ice including sorbets, Bakery Products, Eggs and Eggs Products | Indigo Carmine   | 4.2.7 FSSAI Manual (Food Additives)  |
| 964  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Milk Products, Cereal and Cereal Products, Fruits and Fruits Products, Vegetables and Vegetables Products, Spices and Condiments, Sweetners including Honey, Sweets and Confectionary, Beverages (Alcoholic / Non alcoholic), Meat and Meat Products, Fish and Fish Products, Eggs and Egg Products, Edible ice including sorbets, Bakery Products, Eggs and Eggs Products | Ponceau 4 R  | 4.2.7 FSSAI Manual (Food Additives)  |
| 965  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Milk Products, Cereal and Cereal Products, Fruits and Fruits Products, Vegetables and Vegetables Products, Spices and Condiments, Sweetners including Honey, Sweets and Confectionary, Beverages (Alcoholic / Non alcoholic), Meat and Meat Products, Fish and Fish Products, Eggs and Egg Products, Edible ice including sorbets, Bakery Products, Eggs and Eggs Products | Sunset Yellow FCF  | 4.2.7 FSSAI Manual (Food Additives)  |
| 966  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Milk Products, Cereal and Cereal Products, Fruits and Fruits Products, Vegetables and Vegetables Products, Spices and Condiments, Sweetners including Honey, Sweets and Confectionary, Beverages (Alcoholic / Non alcoholic), Meat and Meat Products, Fish and Fish Products, Eggs and Egg Products, Edible ice including sorbets, Bakery Products, Eggs and Eggs Products | Tartrazine   | 4.2.7 FSSAI Manual (Food Additives)  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 967  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Milk Products, Cereal and Cereal Products, Fruits and Fruits Products, Vegetables and Vegetables Products, Spices and Condiments, Sweetners including Honey, Sweets and Confectionary, Beverages (Alcoholic / Non alcoholic), Meat and Meat Products, Fish and Fish Products, Eggs and Egg Products, Edible ice including sorbets, Bakery Products, Eggs and Eggs Products                | Water Soluble Synthetic Colours (Qualitative)  | 4.2.5 & 4.2.6 FSSAI Manual (Food Additives)  |
| 968  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk and Milk Products, Cereal and Cereal Products, Oils and Fats, Fruits and Fruits Products, Vegetables and Vegetables Products, Spices and Condiments, Sweetners including Honey, Sweets and Confectionary, Beverages (Alcoholic / Non alcoholic), Meat and Meat Products, Fish and Fish Products, Eggs and Egg Products, Edible ice including sorbets, Bakery Products, Eggs and Eggs Products | Physical Description   | FSSR (By Visual Examination)   |
| 969  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Cereal based complementary food   | Ash insoluble in dilute HCl  | 10.8 of FSSAI Manual (Milk and Milk Products)  |
| 970  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Cereal based complementary food   | Crude Fibre (On dry basis)   | 10.9 of FSSAI Manual (Milk and Milk Products)  |
| 971  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Cereal based complementary food   | Iron   | NFL/CH/SOP-011   |
| 972  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Cereal based complementary food   | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 973  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Cereal based complementary food   | Total ash  | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 974  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Cereal based complementary food   | Total Carbohydrate   | Annexure C of IS 1656 : 2007, RA   |
| 975  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Cereal based complementary food   | Total Fat  | 10.3 of FSSAI Manual (Milk and Milk Products)  |
| 976  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Cereal based complementary food   | Total Protein  | 10.6 of FSSAI Manual (Milk and Milk Products)  |
| 977  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Fat, Butter Oil, Anhydrous Milk Fat and Anhydrous Butter Oil  | Baudouin Test  | 13.6 of FSSAI Manual (Milk and Milk Products)  |



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| 978  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Fat, Butter Oil, Anhydrous Milk Fat and Anhydrous Butter Oil | Butyro-refractometer reading at 40°C   | 13.3 of FSSAI Manual (Milk and Milk Products)  |
| 979  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Fat, Butter Oil, Anhydrous Milk Fat and Anhydrous Butter Oil | FFA as Oleic acid  | 13.4 of FSSAI Manual (Milk and Milk Products)  |
| 980  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Fat, Butter Oil, Anhydrous Milk Fat and Anhydrous Butter Oil | Milk Fat   | 12.3 of FSSAI Manual (Milk and Milk Products)  |
| 981  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Fat, Butter Oil, Anhydrous Milk Fat and Anhydrous Butter Oil | Moisture   | 13.2 of FSSAI Manual (Milk and Milk Products)  |
| 982  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Fat, Butter Oil, Anhydrous Milk Fat and Anhydrous Butter Oil | Peroxide Value   | 13.9 of FSSAI Manual (Milk and Milk Products)  |
| 983  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Fat, Butter Oil, Anhydrous Milk Fat and Anhydrous Butter Oil | Polenskey Value  | 13.5 of FSSAI Manual (Milk and Milk Products)  |
| 984  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Fat, Butter Oil, Anhydrous Milk Fat and Anhydrous Butter Oil | Reichert Meissl Value  | 13.5 of FSSAI Manual (Milk and Milk Products)  |
| 985  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Ice or Milk Lolly  | Milk Fat   | 7.4 of FSSAI Manual (Milk and Milk Products)   |
| 986  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Ice or Milk Lolly  | Milk Protein (N x 6.38)  | 7.5 of FSSAI Manual (Milk and Milk Products)   |
| 987  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Ice or Milk Lolly  | Total Solids   | 7.2 of FSSAI Manual (Milk and Milk Products)   |
| 988  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Powders and Cream Powders                                    | Insolubility Index   | 10.10 of FSSAI Manual (Milk and Milk Products)   |
| 989  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Powders and Cream Powders                                    | Milk Fat   | 10.3 of FSSAI Manual (Milk and Milk Products)  |
| 990  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Powders and Cream Powders                                    | Milk Protein in Milk Solids-not-fat (N X 6.38)   | 10.6 of FSSAI Manual (Milk and Milk Products)  |
| 991  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Powders and Cream Powders                                    | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |



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| 992  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Powders and Cream Powders | Scorched Particles   | IS 13500 : 1992,RA   |
| 993  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Powders and Cream Powders | Titrateable acidity  | 10.4 of FSSAI Manual (Milk and Milk Products)  |
| 994  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Powders and Cream Powders | Total Ash on moisture and Fat free basis   | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 995  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Protein Concentrate       | Insolubility Index   | 10.10 of FSSAI Manual (Milk and Milk Products)   |
| 996  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Protein Concentrate       | Milk Protein (N x 6.38)  | 10.6 of FSSAI Manual (Milk and Milk Products)  |
| 997  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Protein Concentrate       | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 998  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Protein Concentrate       | Scorched Particles   | IS:13500 : 1992 ,RA  |
| 999  | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk Protein Concentrate       | Total ash (on dry basis)   | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 1000 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk toffee                    | Total Protein (N x 6.25) on dry basis  | 7.5 of FSSAI Manual (Milk and Milk Products)   |
| 1001 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Milk toffee                    | Fat content on dry basis   | 7.4 of FSSAI Manual (Milk and Milk Products)   |
| 1002 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Misri                          | Extraneous matter  | IS:12906   |
| 1003 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Misri                          | Total ash  | IS:1168  |
| 1004 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Misri                          | Total sugar (expressed as sucrose)   | 9.4 FSSAI Manual Milk and Milk products  |
| 1005 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mixed Masala Whole             | Inorganic matter   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |



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| 1006 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mixed Masala Whole  | Organic matter including foreign edible seeds  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 1007 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Munakka   | Moisture   | 20.0 of FSSAI Manual (Fruits and Vegetables Products)  |
| 1008 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Munakka   | Residual Sulphur Dioxide   | 2.5 of FSSAI Manual (Food Additives): 2016 IS 15279 (Clause 13) : 2003 RA                            |
| 1009 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mustard (Rai, Sarson) Powder  | Starch   | 8 of IS 7807   |
| 1010 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mustard (Rai, Sarson) Powder  | Test for argemone oil  | 19.0 of FSSAI Manual (Spices and Condiments), 2016 / Annexure A of IS 2323                           |
| 1011 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mustard (Rai, Sarson) Whole   | Allyl isothiocyanate (on dry basis)  | 12.0 of FSSAI Manual (Spices and Condiments), 2016 / Annexure B of IS 2323                           |
| 1012 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mustard (Rai, Sarson) Whole   | Argemone seeds   | 19.0 of FSSAI Manual (Spices and Condiments), 2016 / Annexure A of IS 2323                           |
| 1013 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mustard (Rai, Sarson) Whole   | Damaged or Shriveled seeds   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 1014 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mustard (Rai, Sarson) Whole   | p-hydroxybenzyl isothiocyanate on dry basis in sinapist alba   | 13.0 of FSSAI Manual (Spices and Condiments), 2016 / Annexure C of IS 2323                           |
| 1015 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mustard Oil   | Allyl isothiocyanate   | Annexure B of IS 2323  |
| 1016 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Mustard Oil   | Polybromide Test   | 20.0 of FSSAI Manual (Oils Fats),  |
| 1017 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Snacks (Bikaneri Bhujia, Khatta Meetha, Navratan and Related Products) | Peroxide Value meq/1000 g  | Annexure F of IS 15271   |
| 1018 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Snacks (Bikaneri Bhujia, Khatta Meetha, Navratan and Related Products) | Acid Insoluble Ash (on dry wt. basis)  | Annexure C of IS 15271   |
| 1019 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Snacks (Bikaneri Bhujia, Khatta Meetha, Navratan and Related Products) | Acidity of the Extracted Fat   | Annexure E of IS 15271   |



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| 1020 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Snacks (Bikaneri Bhujia, Khatta Meetha, Navratan and Related Products) | Baudouin Test   | 13.6 of FSSAI Manual (Milk and Milk Products)  |
| 1021 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Snacks (Bikaneri Bhujia, Khatta Meetha, Navratan and Related Products) | Butyrefractometer Reading of extracted fat at 40 0C   | 5.0 of FSSAI Manual (Oils and Fats)  |
| 1022 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Snacks (Bikaneri Bhujia, Khatta Meetha, Navratan and Related Products) | Moisture  | Annexure B of IS 15271   |
| 1023 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Snacks (Bikaneri Bhujia, Khatta Meetha, Navratan and Related Products) | Oil Soluble Synthetic Colour  | NFL/CH/SOP-004, iSSUE nO. 01, Issue Date 01/02   |
| 1024 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Snacks (Bikaneri Bhujia, Khatta Meetha, Navratan and Related Products) | Salt  | 1.7 of FSSAI Manual (Fruits and Vegetables)  |
| 1025 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Snacks (Bikaneri Bhujia, Khatta Meetha, Navratan and Related Products) | Starch  | 1.2.2 of FSSAI Manual (Milk and Milk Products)   |
| 1026 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Snacks (Bikaneri Bhujia, Khatta Meetha, Navratan and Related Products) | Sugar   | 1.2.1 of FSSAI Manual (Milk and Milk Products)   |
| 1027 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Namkeen, Snacks (Bikaneri Bhujia, Khatta Meetha, Navratan and Related Products) | Total Fat ( on dry wt. basis)   | Annexure D of IS 15271   |
| 1028 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Nutmeg (Jaiphal) Whole  | Calcium content expressed as Calcium oxide on dry basis   | 8.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 1029 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Nutmeg (Jaiphal) Whole  | Mace in Nutmeg  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 1030 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Nutmeg (Jaiphal) Whole & Powder   | Water insoluble ash on dry basis  | IS 1797  |
| 1031 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oat   | Damaged grains (including pieces of kernels that show visible deterioration due to moisture, weather, disease, insect, mould, heating, fermentation, sprouting or other casues) | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |



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| 1032 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oat                          | Ergot  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1033 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oat                          | Foreign matter (Extraneous matter)   | 1.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1034 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oat                          | Hull-less and broken kernels   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1035 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oat                          | Impurities of animal origin in foreign matter  | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1036 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oat                          | Mineral Matter in foreign matter   | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1037 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oat                          | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |
| 1038 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oat                          | Other edible grains (Grains other than oats)   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1039 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oat                          | Uric acid  | NFL/CH/SOP-063   |
| 1040 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oat                          | Weevilled grains (Insect bored - which may be partially or wholly bored by insects)                        | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1041 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Oat                          | Weevilled grains (Weevilled grains include weevil infested grains)   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1042 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Olive oil                    | Presence of Teaseed oil  | 24.0 of FSSAI Manual (Oils & Fats)   |
| 1043 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Olive oil                    | Test for presence of olive residue (Pomace) oil  | 25.0 of FSSAI Manual (Oils & Fats)   |
| 1044 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Olive oil                    | Test for semi-siccative oil  | 26.0 of FSSAI Manual (Oils & Fats)   |
| 1045 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Palmolein                    | Cloud Point  | 17.0 of FSSAI Manual (Oils & Fats)   |





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| 1046 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pasta Products               | Acid Insoluble Ash (on dry wt. basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 1047 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pasta Products               | Acid Insoluble Ash (on dry wt. basis)  | Annexure E of IS 1485  |
| 1048 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pasta Products               | Moisture   | 16.1 of FSSAI Manual (Cereal and Cereal Products)  |
| 1049 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pasta Products               | Moisture   | Annexure. C OF IS 1485   |
| 1050 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pasta Products               | Nitrogen Content (on dry wt. basis)  | 8.7 of FSSAI Manual (Cereal and Cereal Products)   |
| 1051 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pasta Products               | Nitrogen Content (on dry wt. basis)  | Annexure F OF IS 1485  |
| 1052 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pasta Products               | Total Ash (on dry wt. basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 1053 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pasta Products               | Total Ash (on dry wt. basis)   | Annexure D of IS 1485  |
| 1054 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Peanut Butter                | Acid value of extracted fat  | Annexure G of IS 4684  |
| 1055 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Peanut Butter                | Fat  | Annexure B of IS 9037  |
| 1056 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Peanut Butter                | Moisture   | 3.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)  |
| 1057 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Peanut Butter                | Oil Soluble colours  | 39.5 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part I)   |
| 1058 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Peanut Butter                | Protein  | Annexure C of IS 4684  |
| 1059 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Peanut Butter                | Salt as NaCl   | 12.4 of FSSAI Manual (Milk and Milk Products), 2016 / IS 12451                                       |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group                     | Materials or Products tested       | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed   | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|------------------------------------|--|--|
| 1060 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Peanut Butter                      | Test for Argemone oil  | 30.0 of FSSAI Manual (Oils & Fats), 2016 / IS 548 (Part II) -  |
| 1061 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Peanut Butter                      | Total Ash  | Annexure D of IS 4684  |
| 1062 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearl Millet flour                 | Fat (on dry basis)   | Annexure F of IS 4684  |
| 1063 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearl Millet flour                 | Particle Size  | 1.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 1064 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearl Millet flour / Sorghum Flour | Crude Fibre (on dry basis)   | Annexure H of IS 4684  |
| 1065 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearl Millet flour / Sorghum Flour | Moisture   | Annexure B of IS 4684  |
| 1066 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearl Millet flour / Sorghum Flour | Protein (N x 6.25) (on dry basis)  | Annexure C of IS 4684  |
| 1067 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearl Millet flour / Sorghum Flour | Total Ash (on dry basis)   | Annexure D of IS 4684  |
| 1068 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearly Barley (Jau)                | Alcoholic acidity with 90 percent alcohol (expressed as H <sub>2</sub> SO <sub>4</sub> (on dry weight basis) | 8.5 of FSSAI Manual (Cereal and Cereal Products)   |
| 1069 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearly Barley (Jau)                | Ash insoluble in dilute HCL (on dry mass basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 1070 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearly Barley (Jau)                | Crude Fibre (on dry basis)   | Append8.8 of FSSAI Manual (Cereal and Cereal Products)   |
| 1071 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearly Barley (Jau)                | Crude Fibre (on dry basis)   | Appendix E of IS 1155  |
| 1072 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearly Barley (Jau)                | Other Food Grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1073 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearly Barley (Jau)                | Starch   | IS 4706  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group                     | Materials or Products tested  | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|---|--|--|
| 1074 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pearly Barley (Jau)   | Total ash (on dry weight basis)  | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 1075 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pepper Black (Kalimirch) Whole  | Bulk Density (g/L)   | 14.1 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797   |
| 1076 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pepper Black (Kalimirch) Whole  | Light Berries  | 14.2 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797   |
| 1077 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pepper Black (Kalimirch) Whole  | Pinheads or broken berries   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 1078 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pepper Black (Kalimirch) Whole & Powder / Pepper White Whole & Powder | Peperine Content on dry basis  | 14.3 of FSSAI Manual (Spices and Condiments), (UV Spectrophotometer method)                          |
| 1079 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pepper White whole  | Black berries  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 1080 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pepper White whole  | Broken Berries   | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 1081 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pepper White whole  | Bulk Density   | 14.1 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797   |
| 1082 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pimento or Allspice Whole   | Broken berries (on dry basis)  | 2.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |
| 1083 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pistachio nut   | Empty shell  | By Visual as per FSSR  |
| 1084 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pistachio nut   | Unopened shell   | By Visual as per FSSR  |
| 1085 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Plantation white sugar  | Extraneous matter  | IS:5982  |
| 1086 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Plantation white sugar  | Moisture   | IS:15279   |
| 1087 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Plantation white sugar  | Sucrose Content  | IS:15279   |



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| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| S.No | Discipline / Group                     | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|--|--|--|--|
| 1088 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Plantation white Sugar, Refined Sugar, Khandsari Sugar, dextrose, fructose, icing sugar, brown sugar, bura sugar, Cube sugar, misri, Gur or jaggery, golden syrup, dried glucose syrup, Other sugars | Sulphur Dioxide  | 2.5.1 of FSSAI Manual (Food Additives)   |
| 1089 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Plantation white Sugar, Refined Sugar, Khandsari Sugar, dextrose, fructose, icing sugar, brown sugar, bura sugar, Cube sugar, misri, Gur or jaggery, golden syrup, dried glucose syrup, Other sugars | Sulphur Dioxide  | 2.5.3 of FSSAI Manual (Food Additives)   |
| 1090 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Potassium Iodate   | Bromate, Bromide, Chlorate & Chloride  | A-6 of IS 13057  |
| 1091 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Potassium Iodate   | Iodine (as I)  | AOAC 925.56 : 2016 / Annexure H of IS 7224   |
| 1092 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Potassium Iodate   | Iron (as Fe)   | NFL/CH/SOP-011   |
| 1093 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Potassium Iodate   | Loss on drying   | Annexure A of IS 7224  |
| 1094 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Potassium Iodate   | Matter insoluble in water  | Annexure C of IS 7224  |
| 1095 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Potassium Iodate   | pH (5 % solution)  | IS 12981   |
| 1096 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Potassium Iodate   | Potassium Iodate (as KIO <sub>3</sub> )  | IS 13057   |
| 1097 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Potassium Iodate   | Sulphate (as SO <sub>4</sub> )   | Annexure G of IS 7224  |
| 1098 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed Cereal based complementary Food  | Ash insoluble in dilute HCl  | 10.8 of FSSAI Manual (Milk and Milk Products)  |
| 1099 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed Cereal based complementary Food  | Crude Fibre (On dry basis)   | 10.9 of FSSAI Manual (Milk and Milk Products)  |
| 1100 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed Cereal based complementary Food  | Iron   | NFL/CH/SOP-011   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--|--|--|--|
| 1101 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed Cereal based complementary Food    | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 1102 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed Cereal based complementary Food    | Total ash  | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 1103 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed Cereal based complementary Food    | Total Carbohydrate   | Annexure C of IS 1656 : 2007, RA   |
| 1104 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed Cereal based complementary Food    | Total Protein  | 10.6 of FSSAI Manual (Milk and Milk Products)  |
| 1105 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Processed Cereal based complementary Food    | Zinc   | NFL/CH/SOP-011   |
| 1106 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Protein Rich Atta / Protein Rich Maida       | Alcoholic acidity with 90 percent alcohol (expressed as H2SO4(on dry weight basis)                         | 8.5 of FSSAI Manual (Cereal and Cereal Products)   |
| 1107 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Protein Rich Atta / Protein Rich Maida       | Ash insoluble in dilute HCL (on dry weight basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products),  |
| 1108 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Protein Rich Atta / Protein Rich Maida       | Crude Fibre  | 8.8 of FSSAI Manual (Cereal and Cereal Products)   |
| 1109 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Protein Rich Atta / Protein Rich Maida       | Crude Fibre  | Appendix E of IS 1155  |
| 1110 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Protein Rich Atta / Protein Rich Maida       | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products),  |
| 1111 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Protein Rich Atta / Protein Rich Maida       | Rodent hair and excreta  | 1.5 of FSSAI Manual (Cereal and Cereal Products)   |
| 1112 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Protein Rich Atta / Protein Rich Maida       | Total ash (on dry weight basis)  | 8.2 of FSSAI Manual (Cereal and Cereal Products),  |
| 1113 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Protein Rich Atta / Protein Rich Maida       | Total Protein (N x 6.25)   | 8.7 of FSSAI Manual (Cereal and Cereal Products)   |
| 1114 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pulses (Whole, shelled / de-husked or Split) | Defects (Seeds with serious defects)   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1) :                          |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-5351

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**Validity**

24/02/2020 to 23/02/2022

**Last Amended on**

01/08/2021

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|------|--|--|--|--|
| 1115 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pulses (Whole, shelled / de-husked or Split) | Defects (Seeds with slight defects)  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1116 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pulses (Whole, shelled / de-husked or Split) | Discoloured seeds  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1117 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pulses (Whole, shelled / de-husked or Split) | Extraneous Matter / Foreign Matter   | 1.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 1118 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pulses (Whole, shelled / de-husked or Split) | Impurities of animal origin in foreign matter  | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1) :                          |
| 1119 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pulses (Whole, shelled / de-husked or Split) | Mineral Matter in Extraneous matter  | 1.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 1120 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pulses (Whole, shelled / de-husked or Split) | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 2)                            |
| 1121 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pulses (Whole, shelled / de-husked or Split) | Other edible pulses / grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part I)                            |
| 1122 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pulses (Whole, shelled / de-husked or Split) | Presence of Mineral Oil  | 28.0 of FSSAI Manual(Oils & Fats)  |
| 1123 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Pulses (Whole, shelled / de-husked or Split) | Uric acid  | NFL/CH/SOP-063   |
| 1124 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Quinoa                                       | Damaged grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1125 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Quinoa                                       | Foreign matter (Extraneous matter)   | 1.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1126 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Quinoa                                       | Impurities of animal origin in foreign matter  | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1127 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Quinoa                                       | Mineral Matter in foreign matter   | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1128 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Quinoa                                       | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |



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| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
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|------|--|---|--|--|
| 1129 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Quinoa  | Other edible grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1130 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Quinoa  | Saponin Content  | NFL/CH/SOP-048, Issued Date 16-06-   |
| 1131 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Quinoa  | Uric acid  | NFL/CH/SOP-063   |
| 1132 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Raisins   | Damaged Raisins  | 2.3.47 (2) of FSSR   |
| 1133 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Raisins   | Sugared Raisins  | 2.3.47 (2) of FSSR   |
| 1134 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rangeen Chips, Warriani, Churri, Kachari, Phullian, Rangeen Kachari   | Starch   | 1.2.2 of FSSAI Manual (Milk and Milk Products)   |
| 1135 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rangeen Chips, Warriani, Churri, Kachari, Phullian, Rangeen Kachari   | Sugar  | 1.2.1 of FSSAI Manual (Milk and Milk Products)   |
| 1136 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Red Chilli Powder   | Mineral Oil  | 20.0 of FSSAI Manual (Spices and condiments)   |
| 1137 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Red Chilli Powder   | Oil Soluble Synthetic Colour   | 4.3 of FSSAI Manual (Food Additives)   |
| 1138 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Red Chilli Powder   | Turmeric   | 22.0 of FSSAI Manual (Spices and condiments)   |
| 1139 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Red Chilli powder, Cloves (Laung) Powder, Mace (Jaipatri) Powder, Mustard (Rai, Sarson) Powder, Nutmeg (Jaiphal) Powder, Pepper Black (Kalimirch) Powder, Curry Powder, Dried Mango powder (Amchur), Pepper White powder, Pimento or Allspice Powder, Dried Laurel or Dried Bay leaf Powder                                   | Crude fibre  | 11.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797   |
| 1140 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Red Chilli powder, Cumin (Jeera / Safed Zeera) Whole & Powder, Cumin Black (Kalonji) Whole & Powder, Mace (Jaipatri) Powder, Mustard (Rai, Sarson) Whole & Powder, Nutmeg (Jaiphal) Powder, Pepper Black (Kalimirch) Whole & Powder, Poppy (Khas Khas), Curry Powder, Pepper White whole & Powder, Pimento or Allspice Powder | Non volatile ether extract (as it is basis) / (on dry basis)   | 9.0 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797  |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--|------------------------------|--|--|
| 1141 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Refined sugar                | Extraneous matter  | IS:1151  |
| 1142 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Refined sugar                | Moisture (heated at 105 ± 1 °C for 3 hr)   | IS:15279   |
| 1143 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Refined sugar                | Sucrose  | 9.4 FSSAI Manual Milk and Milk products  |
| 1144 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rice                         | Damaged grain  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1145 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rice                         | Foreign matter (Extraneous matter)   | 1.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1146 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rice                         | Impurities of animal origin in foreign matter  | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1147 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rice                         | Mineral Matter in foreign matter   | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1148 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rice                         | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |
| 1149 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rice                         | Total of foreign matter, other edible grains and damaged grains  | 1.2, 1.3 , 1.4 of FSSAI Manual (Cereal and Cereal Products)  |
| 1150 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rice                         | Uric acid  | NFL/CH/SOP-063   |
| 1151 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rice                         | Weevilled grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1152 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rolled Oats                  | Acid insoluble ash (on dry basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 1153 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rolled Oats                  | Alcoholic acidity with 90 percent alcohol (on dry weight basis)  | 8.5 of FSSAI Manual (Cereal and Cereal Products)   |
| 1154 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rolled Oats                  | Crude Fibre (on dry basis)   | 8.8 of FSSAI Manual (Cereal and Cereal Products)   |





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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--|--|--|--|
| 1155 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rolled Oats                              | Crude Fibre (on dry basis)   | Appendix E of IS 1155  |
| 1156 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rolled Oats                              | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 1157 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rolled Oats                              | Nitrogen (on dry basis)  | 8.7 of FSSAI Manual (Cereal and Cereal Products)   |
| 1158 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rolled Oats                              | Nitrogen (on dry basis)  | IS 7219  |
| 1159 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Rolled Oats                              | Total Ash (on dry basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 1160 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Saffron (Kesar)                          | Extraneous matter  | 15.2 of FSSAI Manual (Spices and Condiments)   |
| 1161 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Saffron (Kesar)                          | Floral waste   | 15.3 of FSSAI Manual (Spices and Condiments)   |
| 1162 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Saffron (Kesar)                          | Moisture and volatile matter at 103 ± °C   | 15.4 of FSSAI Manual (Spices and Condiments)   |
| 1163 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Saffron (Kesar) / Saffron (Kesar) Powder | Ash insoluble in dilute HCL (on dry basis)   | 15.5 of FSSAI Manual (Spices and Condiments), 2016 / IS 1797   |
| 1164 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Saffron (Kesar) / Saffron (Kesar) Powder | Bitterness expressed as direct reading of absorbance of picrocrocine at about 257 nm on dry basis          | 15.6 of FSSAI Manual (Spices and Condiments)   |
| 1165 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Saffron (Kesar) / Saffron (Kesar) Powder | Colouring strength expressed as direct reading of absorbance of 440 nm on dry basis                        | 15.6 of FSSAI Manual (Spices and Condiments)   |
| 1166 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Saffron (Kesar) / Saffron (Kesar) Powder | Crude Fibre on dry basis   | 11.0 of FSSAI Manual (Spices and Condiments) : 2016 / IS 1797  |
| 1167 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Saffron (Kesar) / Saffron (Kesar) Powder | Safranal expressed as direct reading of absorbance of 330 nm on dry basis                                  | 15.6 of FSSAI Manual (Spices and Condiments)   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--|---|--|--|
| 1168 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Saffron (Kesar) / Saffron (Kesar) Powder  | Solubility in cold water on dry weight basis   | 11.0 of IS 1797  |
| 1169 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Saffron (Kesar) / Saffron (Kesar) Powder  | Total ash (on dry basis)   | 15.5 of FSSAI Manual (Spices and Condiments) : 2016 / IS 1797  |
| 1170 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Saffron (Kesar) / Saffron (Kesar) Powder  | Total Nitrogen on dry basis  | 15.7 of FSSAI Manual (Spices and Condiments)   |
| 1171 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Seasoning, Dried Oegano Whole & Powder, Pimento or Allspice Whole & Powder, Dried Laurel or Dried Bay Leaf Whole & Powder, Dried Mint, Dried Rosemary | Acid Insoluble Ash in dilute HCl (on dri basis) / Acid-insoluble ash (on dry basis)                        | 5.0 of FSSAI Manual (Spices and Condiments) : 2016 / IS 1797   |
| 1172 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Seasoning, Dried Oegano Whole & Powder, Pimento or Allspice Whole & Powder, Dried Laurel or Dried Bay Leaf Whole & Powder, Dried Mint, Dried Rosemary | Moisture   | 3.0 of FSSAI Manual (Spices and Condiments) : 2016 / IS 1797   |
| 1173 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Semolina  | Acid insoluble in Dil Hcl / Acid Insoluble Ash ( on dry wt. basis)   | IS : 1010 (Appendix D)   |
| 1174 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Semolina  | Acid insoluble in Dil Hcl / Acid Insoluble Ash ( on dry wt. basis)   | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 1175 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Semolina  | Alcoholic Acidity As H2SO4 (On dry wt basis)   | IS 1010 (Appendix F)   |
| 1176 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Semolina  | Alcoholic Acidity As H2SO4 (On dry wt basis)   | 8.5 of FSSAI Manual (Cereal and Cereal Products)   |
| 1177 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Semolina  | Gluten ( on dry wt. basis)   | 8.4 of FSSAI Manual (Cereal and Cereal Products)   |
| 1178 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Semolina  | Gluten ( on dry wt. basis)   | IS 1010 (Appendix C)   |
| 1179 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Semolina  | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 1180 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Semolina  | Moisture   | IS 1010 (Appendix B)   |
| 1181 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Semolina  | Rodent hair and excreta  | 1.5 of FSSAI Manual (Cereal and Cereal Products),  |



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| 1182 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Semolina                     | Total Ash (on dry wt: basis)   | IS : 1010 (Appendix C)   |
| 1183 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Semolina                     | Total Ash (on dry wt: basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 1184 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Shrikhand                    | Milk Fat (on dry basis)  | 5.3 of FSSAI Manual (Milk and Milk Products)   |
| 1185 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Shrikhand                    | Milk Protein (N x 6.38) (on dry basis)   | 7.5 of FSSAI Manual (Milk and Milk Products)   |
| 1186 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Shrikhand                    | Sugar (Sucrose) (on dry basis)   | 9.4 of FSSAI Manual (Milk and Milk Products)   |
| 1187 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Shrikhand                    | Titrateable acidity (as lactic acid)   | 9.5 of FSSAI Manual (Milk and Milk Products)   |
| 1188 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Shrikhand                    | Total Ash (on dry basis)   | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 1189 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Shrikhand                    | Total Solids   | 4.4 of FSSAI Manual (Milk and Milk Products)   |
| 1190 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder          | Added Urea   | 1.2.4 of FSSAI Manual (Milk and Milk Products)   |
| 1191 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder          | Butyrefractometer Reading of extracted fat at 40 0C  | 13.3 of FSSAI Manual (Milk and Milk Products)  |
| 1192 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder          | Detergent  | 1.2.14 of FSSAI Manual (Milk & Milk Products)  |
| 1193 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder          | Glucose  | 1.2.7 of FSSAI Manual (Milk and Milk Products)   |
| 1194 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder          | Milk Fat   | 10.3 of FSSAI Manual (Milk and Milk Products)  |
| 1195 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder          | Milk Protein in Milk Solid Not Fat   | 3.4 of FSSAI Manual (Milk and Milk Products)   |



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| 1196 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder   | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 1197 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder   | Neutralizer  | 1.2.11 of FSSAI Manual (Milk & Milk Products)  |
| 1198 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder   | Solubility Percent   | 10.11 of FSSAI Manual (Milk and Milk Products)   |
| 1199 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder   | Starch   | 1.2.2.1 of FSSAI Manual (Milk & Milk Products)   |
| 1200 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder   | Sugar  | 1.2.1 of FSSAI Manual (Milk & Milk Products)   |
| 1201 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder   | Titration Acidity  | 10.4 of FSSAI Manual (Milk and Milk Products)  |
| 1202 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Skimmed Milk Powder   | Total ash (On dry wt basis)  | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 1203 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soluble coffee powder   | Caffeined content (on dry basis)   | Annexure D of IS 2791  |
| 1204 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soluble coffee powder   | Moisture (on dry basis)  | Annexure B of IS 2791  |
| 1205 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soluble coffee powder   | Solubility in boiling water  | Annexure E of IS 2791  |
| 1206 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soluble coffee powder   | Solubility in cold water at 16 ± 2°C   | Annexure E of IS 2791  |
| 1207 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soluble coffee powder   | Total ash (on dry basis)   | Annexure C of IS 2791  |
| 1208 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour / Solvent Extracted Groundnut Flour / Solvent Extracted Sesame Flour / Solvent Extracted Coconut Flour / Solvent Extracted Cotton Seed Flour | Acid insoluble ash (on dry basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 1209 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour / Solvent Extracted Groundnut Flour / Solvent Extracted Sesame Flour / Solvent Extracted Coconut Flour / Solvent Extracted Cotton Seed Flour | Acid insoluble ash (on dry basis)  | Annexure E of IS 4684  |



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**Accreditation Standard**

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| 1210 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour / Solvent Extracted Groundnut Flour / Solvent Extracted Sesame Flour / Solvent Extracted Coconut Flour / Solvent Extracted Cotton Seed Flour | Crude Fibre (on dry basis)   | 8.8 of FSSAI Manual (Cereal and Cereal Products)   |
| 1211 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour / Solvent Extracted Groundnut Flour / Solvent Extracted Sesame Flour / Solvent Extracted Coconut Flour / Solvent Extracted Cotton Seed Flour | Crude Fibre (on dry basis)   | Annexure H of IS 4684  |
| 1212 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour / Solvent Extracted Groundnut Flour / Solvent Extracted Sesame Flour / Solvent Extracted Coconut Flour / Solvent Extracted Cotton Seed Flour | Fat (on dry basis)   | Annexure F of IS 4684  |
| 1213 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour / Solvent Extracted Groundnut Flour / Solvent Extracted Sesame Flour / Solvent Extracted Coconut Flour / Solvent Extracted Cotton Seed Flour | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 1214 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour / Solvent Extracted Groundnut Flour / Solvent Extracted Sesame Flour / Solvent Extracted Coconut Flour / Solvent Extracted Cotton Seed Flour | Moisture   | Annexure B of IS 4684  |
| 1215 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour / Solvent Extracted Groundnut Flour / Solvent Extracted Sesame Flour / Solvent Extracted Coconut Flour / Solvent Extracted Cotton Seed Flour | Protein (N x 6.25) (on dry basis)  | 8.7 of FSSAI Manual (Cereal and Cereal Products)   |
| 1216 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour / Solvent Extracted Groundnut Flour / Solvent Extracted Sesame Flour / Solvent Extracted Coconut Flour / Solvent Extracted Cotton Seed Flour | Protein (N x 6.25) (on dry basis)  | Annexure C of IS 4684  |
| 1217 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour / Solvent Extracted Groundnut Flour / Solvent Extracted Sesame Flour / Solvent Extracted Coconut Flour / Solvent Extracted Cotton Seed Flour | Total Ash (on dry basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 1218 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour / Solvent Extracted Groundnut Flour / Solvent Extracted Sesame Flour / Solvent Extracted Coconut Flour / Solvent Extracted Cotton Seed Flour | Total Ash (on dry basis)   | Annexure D of IS 4684  |
| 1219 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extract Soya Flour, Solvent Extracted Groundnut Flour, Solvent Extracted Sesame Flour, Solvent Extracted Coconut Flour, Solvent Extracted Cotton Seed Flour     | Hexane   | NFL/CH/SOP-60  |
| 1220 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Solvent Extracted Sesame Flour  | Oxalic acid (on dry basis)   | Annexure C of IS 6108  |
| 1221 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sorghum Flour   | Particle Size  | 1.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 1222 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soya Protein Products   | Crude Fibre (on dry basis)   | 8.8 of FSSAI Manual (Cereal and Cereal Products)   |
| 1223 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soya Protein Products   | Crude Fibre (on dry basis)   | Annexure H of IS 4684  |



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**Accreditation Standard**

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| 1224 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soya Protein Products        | Crude Protein (on dry basis)   | 8.7 of FSSAI Manual (Cereal and Cereal Products)   |
| 1225 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soya Protein Products        | Crude Protein (on dry basis)   | Annexure C of IS 4684  |
| 1226 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soya Protein Products        | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 1227 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soya Protein Products        | Total Ash (on dry basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 1228 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soyabean Oil                 | Phosphorus   | 34.0 of FSSAI Manual (Oils & Fats)   |
| 1229 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soybean                      | Acid value of extracted oil  | 11.0 of FSSAI Manual (Oils and Fats)   |
| 1230 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soybean                      | Damaged or split or cracked seed   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1231 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soybean                      | Extraneous matter (Organic and Inorganic)  | 1.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 1232 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soybean                      | Immature, Shriveled and green seeds  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1233 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soybean                      | Impurities of animal origin in extraneous matter   | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1234 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soybean                      | Mineral Matter in extraneous matter  | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1235 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soybean                      | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |
| 1236 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soybean                      | Oil content (on dry basis)   | Annexure F of IS 4684  |
| 1237 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soybean                      | Other edible grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |



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| 1238 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soybean  | Uric acid  | NFL/CH/SOP-063   |
| 1239 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Soybean  | Weevilled Seeds by count   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1240 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sugar boiled Confectionery   | Ash insoluble in dilute HCl  | IS 6287 : 1985 RA  |
| 1241 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sugar boiled Confectionery   | Ash sulphated (on salt free basis)   | IS 6287 : 1985 RA  |
| 1242 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sweet  | Butyrefractometer Reading of extracted Fat at 40 OC  | 5.0 of FSSAI Manual (Oils and Fats)  |
| 1243 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sweet  | Starch   | 11.4 of FSSAI Manual (Milk and Milk Products)  |
| 1244 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sweet  | Sugar  | 9.4 of FSSAI Manual (Milk and Milk Products)   |
| 1245 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sweetened Condensed Milk (Sweetened Condensed milk / Sweetened Condensed Partly Skimmed milk / Sweetened Condensed Skimmed Milk / Sweetened Condensed High Fat Milk) | Milk Fat   | 9.3 of FSSAI Manual (Milk and Milk Products)   |
| 1246 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sweetened Condensed Milk (Sweetened Condensed milk / Sweetened Condensed Partly Skimmed milk / Sweetened Condensed Skimmed Milk / Sweetened Condensed High Fat Milk) | Milk Protein in milk Solids not fat  | 9.6 of FSSAI Manual (Milk and Milk Products)   |
| 1247 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sweetened Condensed Milk (Sweetened Condensed milk / Sweetened Condensed Partly Skimmed milk / Sweetened Condensed Skimmed Milk / Sweetened Condensed High Fat Milk) | Milk Solid not fat   | 10.4.4 of FSSAI Manual (Milk and Milk Products)  |
| 1248 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Sweetened Condensed Milk (Sweetened Condensed milk / Sweetened Condensed Partly Skimmed milk / Sweetened Condensed Skimmed Milk / Sweetened Condensed High Fat Milk) | Milk Solids  | 9.2 of FSSAI Manual (Milk and Milk Products)   |
| 1249 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Synthetic syrup or Sharbats  | Total soluble Solids   | 1.6 of FSSAI Manual (Fruits and Vegetables): 2016 / Appendix B of IS 3882 : 1966 RA                  |



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| 1250 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Table or Grape wine (White / Red); Wine with carbon dioxide; Fortified wine; Fruit Wine (other than grape wine); Cider; Perry; Wine from other Agricultural and Plant Sources          | Aldehyde expressed as acetaldehyde (g/L of absolute alcohol)   | 8.1 of FSSAI Manual (Alcoholic Beverages)  |
| 1251 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Table or Grape wine (White / Red); Wine with carbon dioxide; Fortified wine; Fruit Wine (other than grape wine); Cider; Perry; Wine from other Agricultural and Plant Sources          | Esters expressed as ethyl acetate (g/L of absolute alcohol)  | 6.1 of FSSAI Manual (Alcoholic Beverages)  |
| 1252 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Table or Grape wine (White / Red); Wine with carbon dioxide; Fortified wine; Fruit Wine (other than grape wine); Cider; Perry; Wine from other Agricultural and Plant Sources          | Ethyl alcohol content at 20 °C, % by volume  | 2.3 of FSSAI Manual (Alcoholic Beverages), (By GC)   |
| 1253 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Table or Grape wine (White / Red); Wine with carbon dioxide; Fortified wine; Fruit Wine (other than grape wine); Cider; Perry; Wine from other Agricultural and Plant Sources          | Ethyl alcohol content at 20 °C, % by volume  | 2.1 of FSSAI Manual (Alcoholic Beverages)  |
| 1254 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Table or Grape wine (White / Red); Wine with carbon dioxide; Fortified wine; Fruit Wine (other than grape wine); Cider; Perry; Wine from other Agricultural and Plant Sources          | Higher alcohols as amyl alcohol (as g/L of absolute alcohol)   | 7.1 of FSSAI Manual (Alcoholic Beverages)  |
| 1255 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Table or Grape wine (White / Red); Wine with carbon dioxide; Fortified wine; Fruit Wine (other than grape wine); Cider; Perry; Wine from other Agricultural and Plant Sources          | Residual extract (Sugar free)  | 3 of FSSAI Manual (Alcoholic Beverages)  |
| 1256 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Table or Grape wine (White / Red); Wine with carbon dioxide; Fortified wine; Fruit Wine (other than grape wine); Cider; Perry; Wine from other Agricultural and Plant Sources          | Total acids as tartaric acid (g/L of wine)   | 4.2 of FSSAI Manual (Alcoholic Beverages)  |
| 1257 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Table or Grape wine (White / Red); Wine with carbon dioxide; Fortified wine; Fruit Wine (other than grape wine); Cider; Perry; Wine from other Agricultural and Plant Sources          | Volatile acids as acetic acid  | 5 of FSSAI Manual (Alcoholic Beverages)  |
| 1258 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Table or Grape wine (White / Red); Wine with carbon dioxide; Fortified wine; Fruit Wine (other than grape wine); Cider; Perry; Wine from other Agricultural and Plant Sources and Beer | Methyl alcohols (mg/L)   | NFL/CH/SOP-018   |
| 1259 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tapioca Sago   | Acid insoluble ash (on dry basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4706 (Part 2) : 1978, RA                 |
| 1260 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tapioca Sago   | Colour of gelatinized alkaline paste in the porcelain on the lovibond scale not deeper than                | Annexure B of IS 899 : 1971 RA   |





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR  
PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-5351

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**Validity**

24/02/2020 to 23/02/2022

**Last Amended on**

01/08/2021

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|------|--|------------------------------|--|--|
| 1261 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tapioca Sago                 | Crude fibre (on dry basis)   | 8.8 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4706 (Part 2) : 1978 RA                  |
| 1262 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tapioca Sago                 | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4706 (Part 2) : 1978 RA                  |
| 1263 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tapioca Sago                 | pH of aqueous extract  | IS 4706 (Part 2) : 1978 RA   |
| 1264 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tapioca Sago                 | Protein (on dry basis)   | 8.7 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4706 (Part 2) : 1978 RA                  |
| 1265 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tapioca Sago                 | Starch (on dry basis)  | IS 4706 (Part 2) : 1978 RA   |
| 1266 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tapioca Sago                 | Sulphur Dioxide content  | 2.5.3 of FSSAI Manual (Food Additives), 2016 / IS 4706 (Part 2) : 1978 RA                            |
| 1267 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tapioca Sago                 | Total Ash (on dry basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4706 (Part 2) : 1978 RA                  |
| 1268 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea                          | Acid insoluble ash, (on dry basis)   | IS 13857   |
| 1269 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea                          | Total ash (on dry basis)   | IS 13854   |
| 1270 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea                          | Alkalinity of water soluble ash (expressed as KOH) (on dry basis)  | IS 13856   |
| 1271 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea                          | Crude fibre (on dry basis)   | IS 10226 (Part 1)  |
| 1272 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea                          | Iron filling (on dry basis)  | IS 3633  |
| 1273 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea                          | water extract, (on dry basis)  | IS 13862   |
| 1274 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea                          | Water soluble ash of total ash (on dry basis)  | IS 13855   |



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## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 1275 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea Leaves  | Acid Insoluble Ash   | IS 13857   |
| 1276 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea Leaves  | Moisture   | IS 13853   |
| 1277 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea Leaves  | Total Ash  | IS 13854   |
| 1278 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tea Leaves  | Water Extract (on dry wt. basis)   | IS 13862   |
| 1279 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Toddy   | Alcoholic Content  | 2.1 of FSSAI Manual (Alcoholic Beverages), 2019 / IS 3752 (Clause 4) : 2005 RA                       |
| 1280 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Toddy   | Total acid as tartaric acid  | 4.2 FSSAI Manual (Alcoholic Beverages)   |
| 1281 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Toddy   | Volatile acid as acetic acid   | 5.0 FSSAI Manual (Alcoholic Beverages)   |
| 1282 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tomato Sauces / Tomato Ketchup / Vegetable Sauces   | Salt   | 1.7 of FSSAI Manual (Fruits and Vegetables)  |
| 1283 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tomato Sauces, Tomato Ketchup, Culinary Pastes / Fruits and Vegetable Sauces other than Tomato Sauce and Soya Sauce | Acidity (as Acetic Acid)   | 2.4 of FSSAI Manual (Fruits and Vegetables)  |
| 1284 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tomato Sauces, Tomato Ketchup, Culinary Pastes / Fruits and Vegetable Sauces other than Tomato Sauce and Soya Sauce | Acidity (as Acetic Acid)   | Cl 10 of IS 2860   |
| 1285 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tomato Sauces, Tomato Ketchup, Culinary Pastes / Fruits and Vegetable Sauces other than Tomato Sauce and Soya Sauce | Total Soluble Solids (Salt free basis)   | 2.12 of FSSAI Manual (Fruits and Vegetables)   |
| 1286 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Tomato Sauces, Tomato Ketchup, Culinary Pastes / Fruits and Vegetable Sauces other than Tomato Sauce and Soya Sauce | Total Soluble Solids (Salt free basis)   | Appendix B of IS 3882  |
| 1287 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Turmeric Powder (Haldi Powder)  | Colouring powder expressed as curcuminoid content (on dry basis)   | 16.4 of FSSAI Manual (Spices and Condiments)   |
| 1288 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Turmeric Powder (Haldi Powder)  | Lead Chromate / Presence of Chromate   | 16.6 of FSSAI Manual (Spices and Condiments) : 2016 / IS 1797  |



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| 1289 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Turmeric Powder (Haldi Powder)                                  | Microscopic Examination  | 18.0 of FSSAI Manual (Spices and condiments)   |
| 1290 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Turmeric Powder (Haldi Powder)                                  | Oil Soluble Synthetic Colour   | 4.3 of FSSAI Manual (Food Additives)   |
| 1291 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Turmeric Powder (Haldi Powder)                                  | Starch Content (on dry wt basis)   | 16.5 of FSSAI Manual (Spices and condiments)   |
| 1292 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Turmeric Whole (Sabut Haldi)                                    | Defective Rhizomes   | IS 3576 : 2010, (Clause 4.4) RA  |
| 1293 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Turmeric Whole (Sabut Haldi)                                    | Lead Chromate  | IS 3576  |
| 1294 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Turmeric Whole (Sabut Haldi)                                    | Lead Chromate  | 16.6 of FSSAI Manual (Spices and Condiments)   |
| 1295 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Turmeric Whole (Sabut Haldi)                                    | Microscopic examination (Presence of added Starch)   | 18.0 of FSSAI Manual (Spices and Condiments)   |
| 1296 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Turmeric Whole (Sabut Haldi)                                    | Mineral Oil  | 20.0 of FSSAI Manual (Spices and condiments)   |
| 1297 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Turmeric Whole (Sabut Haldi)                                    | Oil Soluble Synthetic Colour   | 4.3 of FSSAI Manual (Food Additives)   |
| 1298 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Unprocessed whole raw pulses (not for direct human consumption) | Foreign matter (Extraneous matter)   | 1.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1299 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Unprocessed whole raw pulses (not for direct human consumption) | Inorganic Matter and impurities of animal origin in foreign matter   | 1.3 & 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                      |
| 1300 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat   | Damaged grain  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1301 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat   | Ergot affected grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1302 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat   | Foreign matter (Extraneous matter)   | 1.2 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |



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|------|--|---|--|--|
| 1303 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat   | Impurities of animal origin in foreign matter  | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1304 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat   | Kernel bunt affected grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1305 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat   | Mineral Matter in foreign matter   | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1306 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat   | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |
| 1307 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat   | Other edible grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1308 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat   | Total of foreign matter, other edible grains and damaged grains  | 1.2, 1.3 , 1.4 of FSSAI Manual (Cereal and Cereal Products)  |
| 1309 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat   | Uric acid  | NFL/CH/SOP-063   |
| 1310 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat   | Weevilled grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1311 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat Protein Products including Wheat Gluten | Crude Protein (on dry basis)   | IS 4706 (Part 2)   |
| 1312 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat Protein Products including Wheat Gluten | Crude Protein (on dry basis)   | 8.7 of FSSAI Manual (Cereal and Cereal Products)   |
| 1313 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat Protein Products including Wheat Gluten | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 1314 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat Protein Products including Wheat Gluten | Moisture   | IS 4706 (Part 2)   |
| 1315 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat Protein Products including Wheat Gluten | Total Ash (on dry basis)   | IS 4706 (Part 2)   |
| 1316 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wheat Protein Products including Wheat Gluten | Total Ash (on dry basis)   | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |



# National Accreditation Board for Testing and Calibration Laboratories

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| 1317 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whey Powder                  | Lactose content as anhydrous lactose   | 9.5 of FSSAI Manual (Milk and Milk Products)   |
| 1318 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whey Powder                  | Milk Fat   | 10.3 of FSSAI Manual (Milk and Milk Products)  |
| 1319 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whey Powder                  | Milk Protein (N x 6.38)  | 16.4 of FSSAI Manual (Milk and Milk Products)  |
| 1320 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whey Powder                  | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 1321 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whey Powder                  | pH (n 10 % solution)   | 16.6 of FSSAI Manual (Milk and Milk Products)  |
| 1322 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whey Powder                  | Titratable acidity   | 9.5 of FSSAI Manual (Milk and Milk Products)   |
| 1323 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whey Powder                  | Total ash (on dry basis)   | 10.7 of FSSAI Manual (Milk and Milk Products)  |
| 1324 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whey Protein Concentrate     | Milk Fat   | 10.3 of FSSAI Manual (Milk and Milk Products)  |
| 1325 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whey Protein Concentrate     | Milk Protein (N x 6.38)  | 10.6 of FSSAI Manual (Milk and Milk Products)  |
| 1326 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whey Protein Concentrate     | Moisture   | 10.2 of FSSAI Manual (Milk and Milk Products)  |
| 1327 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whey Protein Concentrate     | Scorched Particles   | IS:13500 : 1992,RA   |
| 1328 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole Maize (Corn) Flour     | Crude Fat (on dry basis)   | Annexure F of IS 4684  |
| 1329 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole Maize (Corn) Flour     | Moisture   | IS 4706 (Part 2)   |
| 1330 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole Maize (Corn) Flour     | Moisture   | 8.1 FSSAI Manual (Cereals and Cereal Products)   |



# National Accreditation Board for Testing and Calibration Laboratories

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| 1331 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole Maize (Corn) Flour     | Particle Size  | 1.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 1332 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole Maize (Corn) Flour     | Protein (N x 6.25) (on dry basis)  | 8.7 FSSAI Manual (Cereals and Cereal Products)   |
| 1333 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole Maize (Corn) Flour     | Protein (N x 6.25) (on dry basis)  | IS 4706 (Part 2)   |
| 1334 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole Maize (Corn) Flour     | Total Ash (on dry basis)   | 8.2 FSSAI Manual (Cereals and Cereal Products)   |
| 1335 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole Maize (Corn) Flour     | Total Ash (on dry basis)   | IS 4706 (Part 2)   |
| 1336 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole millet grains (Bajra)  | 1 Litre mass   | IS 4333 (Part 3)   |
| 1337 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole millet grains (Bajra)  | Damaged grains   | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1338 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole millet grains (Bajra)  | Extraneous matter  | 1.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 1339 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole millet grains (Bajra)  | Impurities of animal origin in Extraneous matter   | 1.5 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1340 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole millet grains (Bajra)  | Mineral Matter in Extraneous matter  | 1.3 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1341 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole millet grains (Bajra)  | Moisture   | 2.0 of FSSAI Manual (Cereal and Cereal Products)   |
| 1342 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole millet grains (Bajra)  | Other edible grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |
| 1343 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole millet grains (Bajra)  | Uric acid  | NFL/CH/SOP-063   |
| 1344 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Whole millet grains (Bajra)  | Weevilid grains  | 1.4 of FSSAI Manual (Cereal and Cereal Products), 2016 / IS 4333 (Part 1)                            |



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| 1345 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wholemeal barley Powder or barley flour or Choker yukt jau ka Churan   | Alcoholic acidity with 90 percent alcohol (expressed as H2SO4 (on dry weight basis)                        | 8.5 of FSSAI Manual (Cereal and Cereal Products)   |
| 1346 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wholemeal barley Powder or barley flour or Choker yukt jau ka Churan   | Ash insoluble in dilute HCL (on dry weight basis)  | 8.3 of FSSAI Manual (Cereal and Cereal Products)   |
| 1347 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wholemeal barley Powder or barley flour or Choker yukt jau ka Churan   | Moisture   | 8.1 of FSSAI Manual (Cereal and Cereal Products)   |
| 1348 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wholemeal barley Powder or barley flour or Choker yukt jau ka Churan   | Rodent hair and excreta  | 1.5 of FSSAI Manual (Cereal and Cereal Products)   |
| 1349 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Wholemeal barley Powder or barley flour or Choker yukt jau ka Churan   | Total ash (on dry weight basis)  | 8.2 of FSSAI Manual (Cereal and Cereal Products)   |
| 1350 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Yoghurt and Flavoured Dahi / Partly Skimmed Yoghurt and Flavoured Partly Skimmed Dahi / Skimmed Yoghurt And Flavoured Skimmed Dahi | Milk Fat   | 1.3.4.2 of FSSAI Manual (Milk and Milk Products)   |
| 1351 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Yoghurt and Flavoured Dahi / Partly Skimmed Yoghurt and Flavoured Partly Skimmed Dahi / Skimmed Yoghurt And Flavoured Skimmed Dahi | Milk protein (N x 6.38)  | 15.4 of FSSAI Manual (Milk and Milk Products)  |
| 1352 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Yoghurt and Flavoured Dahi / Partly Skimmed Yoghurt and Flavoured Partly Skimmed Dahi / Skimmed Yoghurt And Flavoured Skimmed Dahi | Milk Solid Not Fat   | 15.2 of FSSAI Manual (Milk and Milk Products)  |
| 1353 | CHEMICAL- FOOD & AGRICULTURAL PRODUCTS | Yoghurt and Flavoured Dahi / Partly Skimmed Yoghurt and Flavoured Partly Skimmed Dahi / Skimmed Yoghurt And Flavoured Skimmed Dahi | Titrateable acidity (as lactic acid)   | 9.5 of FSSAI Manual (Milk and Milk Products)   |
| 1354 | CHEMICAL- RESIDUES IN FOOD PRODUCTS    | Alcoholic Beverages  | Arsenic  | NFL/CH/SOP-043   |
| 1355 | CHEMICAL- RESIDUES IN FOOD PRODUCTS    | Alcoholic Beverages  | Cadmium  | NFL/CH/SOP-043   |
| 1356 | CHEMICAL- RESIDUES IN FOOD PRODUCTS    | Alcoholic Beverages  | Copper   | NFL/CH/SOP-043   |
| 1357 | CHEMICAL- RESIDUES IN FOOD PRODUCTS    | Alcoholic Beverages  | Lead   | NFL/CH/SOP-043   |
| 1358 | CHEMICAL- RESIDUES IN FOOD PRODUCTS    | Alcoholic Beverages  | Mercury  | NFL/CH/SOP-043   |
| 1359 | CHEMICAL- RESIDUES IN FOOD PRODUCTS    | Alcoholic Beverages  | Tin  | NFL/CH/SOP-043   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-5351  | <b>Page No</b>         | 104 of 136 |
| <b>Validity</b>               | 24/02/2020 to 23/02/2022   | <b>Last Amended on</b> | 01/08/2021 |

| S.No | Discipline / Group                  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|-------------------------------------|--|--|--|
| 1360 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Alcoholic Beverags   | Iron   | NFL/CH/SOP-043   |
| 1361 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Bakery & Confectionary Products, Canned & processed Products, Tea & Tea Products, Cocoa, Coffee & Coffee Products, Cereal, Pulses & Cereal Products, Oils & Fats, Fruits & Fruit Products, Vegetable & Vegetable Products, Honey, Herbs, Spices & Condiments, Alcoholic Beverages, Food containing Mushrooms   | Agaric Acid  | NFL/CH/SOP-014   |
| 1362 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Bakery & Confectionary Products, Canned & processed Products, Tea & Tea Products, Cocoa, Coffee & Coffee Products, Cereal, Pulses & Cereal Products, Oils & Fats, Fruits & Fruit Products, Vegetable & Vegetable Products, Honey, Herbs, Spices & Condiments, Beverages, Alcoholic Beverages   | Hypercine  | NFL/CH/SOP-014   |
| 1363 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Bakery & Confectionary Products, Canned & processed Products, Tea & Tea Products, Cocoa, Coffee & Coffee Products, Cereal, Pulses & Cereal Products, Oils & Fats, Fruits & Fruit Products, Vegetable & Vegetable Products, Honey, Herbs, Spices & Condiments, Meat preparations and meat products, including poultry and game; Fish Preparations and fish products; Soups and Sauces; Non-alcoholic beverages; Food Containing mace and nutmeg; Alcoholic beverages      | Saffrol  | NFL/CH/SOP-014   |
| 1364 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Bakery & Confectionary Products, Canned & processed Products, Tea & Tea Products, Cocoa, Coffee & Coffee Products, Cereal, Pulses & Cereal Products, Oils & Fats, Fruits & Fruit Products, Vegetable & Vegetable Products, Honey, Herbs, Spices & Condiments, Nougat, marzipan or its substitutes or similar products; Canned stone fruits, Alcoholic beverages; confectionary, stone fruit juices; Sago, Cassava flour, Tapioca flour, Manihot flour and their products | Hydrocyanic Acid   | FL/CH/SOP-014  |
| 1365 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Beverages (Tea, Coffee, Chicory and related products)  | Arsenic  | NFL/CH/SOP-011   |
| 1366 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Beverages (Tea, Coffee, Chicory and related products)  | Cadmium  | NFL/CH/SOP-011   |
| 1367 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Beverages (Tea, Coffee, Chicory and related products)  | Copper   | NFL/CH/SOP-011   |
| 1368 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Beverages (Tea, Coffee, Chicory and related products)  | Lead   | NFL/CH/SOP-011   |
| 1369 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Beverages (Tea, Coffee, Chicory and related products)  | Mercury  | NFL/CH/SOP-011   |
| 1370 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Beverages (Tea, Coffee, Chicory and related products)  | Tin  | NFL/CH/SOP-011   |





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR  
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|------|-------------------------------------|--|--|--|
| 1371 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Thiometon  | NFL/CH/SOP-007   |
| 1372 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | 2,4 Dichlorophenoxy acetic acid  | NFL/CH/SOP-007   |
| 1373 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | 3-Hydroxy carbofuran   | NFL/CH/SOP-007   |
| 1374 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Acephate (expressed as mixture of Methamidophos and acephate)  | NFL/CH/SOP-007   |
| 1375 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Acetamiprid  | NFL/CH/SOP-007   |
| 1376 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Alachlor   | NFL/CH/SOP-007   |
| 1377 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Anilophos  | NFL/CH/SOP-007   |
| 1378 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Atrazine   | NFL/CH/SOP-007   |
| 1379 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Azoxystrobin   | NFL/CH/SOP-007   |
| 1380 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Benomyl ( as Carbendazim)  | NFL/CH/SOP-007   |
| 1381 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Bensulfuron methyl   | NFL/CH/SOP-007   |
| 1382 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Beta Cyfluthrin  | NFL/CH/SOP-007   |
| 1383 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Bifenthrin   | NFL/CH/SOP-007   |
| 1384 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Bispyribac sodium  | NFL/CH/SOP-007   |
| 1385 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Bitertanol   | NFL/CH/SOP-007   |
| 1386 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Buprofezin   | NFL/CH/SOP-007   |
| 1387 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Butachlor  | NFL/CH/SOP-007   |
| 1388 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Captan   | NFL/CH/SOP-007   |



# National Accreditation Board for Testing and Calibration Laboratories

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PRADESH, INDIA

**Accreditation Standard**

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| 1389 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Carbaryl   | NFL/CH/SOP-007   |
| 1390 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Carbendazim  | NFL/CH/SOP-007   |
| 1391 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Carbofuran (sum of carbofuran and 3-hydroxy carbofuran expressed as carbofuran)                            | NFL/CH/SOP-007   |
| 1392 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Carbosulfan  | NFL/CH/SOP-007   |
| 1393 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Carfentrazone Ethyl  | NFL/CH/SOP-007   |
| 1394 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Carpropamid  | NFL/CH/SOP-007   |
| 1395 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Chlorantraniliprole  | NFL/CH/SOP-007   |
| 1396 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Chlorimuron ethyl  | NFL/CH/SOP-007   |
| 1397 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Chlorpyrifos   | NFL/CH/SOP-007   |
| 1398 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Chromafenozide   | NFL/CH/SOP-007   |
| 1399 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Cinmethylen  | NFL/CH/SOP-007   |
| 1400 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Clodinafop propargyl   | NFL/CH/SOP-007   |
| 1401 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Clomazone  | NFL/CH/SOP-007   |
| 1402 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Clothianidin   | NFL/CH/SOP-007   |
| 1403 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Cyhalofop-butyl  | NFL/CH/SOP-007   |
| 1404 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Cypermethrin (sum of isomers) (Fat soluble residue)  | NFL/CH/SOP-007   |
| 1405 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Deltamethrin (Decamethrin)   | NFL/CH/SOP-007   |
| 1406 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Dichlorvos   | NFL/CH/SOP-007   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| 1407 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Diclofop methyl  | NFL/CH/SOP-007   |
| 1408 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Diclosulam   | NFL/CH/SOP-007   |
| 1409 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Difenoconazole   | NFL/CH/SOP-007   |
| 1410 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Dinotefuran  | NFL/CH/SOP-007   |
| 1411 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Dithiocarbamates (as CS2)  | NFL/CH/SOP-007   |
| 1412 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Edifenphos   | NFL/CH/SOP-007   |
| 1413 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Epoxyconazole  | NFL/CH/SOP-007   |
| 1414 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Ethion   | NFL/CH/SOP-007   |
| 1415 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Ethofenprox (Etofenprox)   | NFL/CH/SOP-007   |
| 1416 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Ethoxysulfuron   | NFL/CH/SOP-007   |
| 1417 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Fenobucarb (BPMC)  | NFL/CH/SOP-007   |
| 1418 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Fenoxaprop-p-ethyl   | NFL/CH/SOP-007   |
| 1419 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Fenpropathrin  | NFL/CH/SOP-007   |
| 1420 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Flonicamid   | NFL/CH/SOP-007   |
| 1421 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Flufenacet   | NFL/CH/SOP-007   |
| 1422 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Flusilazole  | NFL/CH/SOP-007   |
| 1423 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Fluxapyroxad   | NFL/CH/SOP-007   |
| 1424 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Halosulfuron methyl  | NFL/CH/SOP-007   |
| 1425 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Haloxypop-R Methyl   | NFL/CH/SOP-007   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 1426 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Hexaconazole  | NFL/CH/SOP-007   |
| 1427 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Imazethapyr   | NFL/CH/SOP-007   |
| 1428 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Imidacloprid  | NFL/CH/SOP-007   |
| 1429 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Indoxacarb  | NFL/CH/SOP-007   |
| 1430 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Iodosulfuron methyl   | NFL/CH/SOP-007   |
| 1431 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Ipobenfos (Kitazin)   | NFL/CH/SOP-007   |
| 1432 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Iprodione   | NFL/CH/SOP-007   |
| 1433 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Isoprothiolane  | NFL/CH/SOP-007   |
| 1434 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Isoproturon   | NFL/CH/SOP-007   |
| 1435 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Kresoxim Methyl   | NFL/CH/SOP-007   |
| 1436 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Lambda cyhalothrin  | NFL/CH/SOP-007   |
| 1437 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Malaoxon  | NFL/CH/SOP-007   |
| 1438 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Malathion   | NFL/CH/SOP-007   |
| 1439 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Mesosulfuron methyl   | NFL/CH/SOP-007   |
| 1440 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Metalaxyl   | NFL/CH/SOP-007   |
| 1441 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Methabenzthiazuron  | NFL/CH/SOP-007   |
| 1442 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Methomyl  | NFL/CH/SOP-007   |
| 1443 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Methyl Parathion (combined residues of methyl parathion and its oxygen analogue to be determined and expressed as methyl parathion) | NFL/CH/SOP-007   |



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| 1444 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Metribuzin   | NFL/CH/SOP-007   |
| 1445 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Metsulfuron Methyl   | NFL/CH/SOP-007   |
| 1446 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Monocrotophos  | NFL/CH/SOP-007   |
| 1447 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Orthosulfamuron  | NFL/CH/SOP-007   |
| 1448 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Oxadiargyl   | NFL/CH/SOP-007   |
| 1449 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Oxadiazone   | NFL/CH/SOP-007   |
| 1450 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Oxydemeton methyl  | NFL/CH/SOP-007   |
| 1451 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Oxyfluorfen  | NFL/CH/SOP-007   |
| 1452 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Pencycuron   | NFL/CH/SOP-007   |
| 1453 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Pendimethalin  | NFL/CH/SOP-007   |
| 1454 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Penoxsulam   | NFL/CH/SOP-007   |
| 1455 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Permethrin   | NFL/CH/SOP-007   |
| 1456 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Phenthoate   | NFL/CH/SOP-007   |
| 1457 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Phorate  | NFL/CH/SOP-007   |
| 1458 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Phorate sulfone  | NFL/CH/SOP-007   |
| 1459 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Phorate sulfoxide  | NFL/CH/SOP-007   |
| 1460 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Picoxystrobin  | NFL/CH/SOP-007   |
| 1461 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Pinoxaden  | NFL/CH/SOP-007   |
| 1462 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Pirimiphos-methyl  | NFL/CH/SOP-007   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-5351  | <b>Page No</b>         | 110 of 136 |
| <b>Validity</b>               | 24/02/2020 to 23/02/2022   | <b>Last Amended on</b> | 01/08/2021 |

| S.No | Discipline / Group                  | Materials or Products tested   | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|-------------------------------------|--|--|--|
| 1463 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Pretilachlor   | NFL/CH/SOP-007   |
| 1464 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Profenofos / Profenophos   | NFL/CH/SOP-007   |
| 1465 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Propanil   | NFL/CH/SOP-007   |
| 1466 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Propaquizafop  | NFL/CH/SOP-007   |
| 1467 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Propiconazole  | NFL/CH/SOP-007   |
| 1468 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Pymetrozine  | NFL/CH/SOP-007   |
| 1469 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Pyraclostrobin   | NFL/CH/SOP-007   |
| 1470 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Pyrazosulfuron ethyl   | NFL/CH/SOP-007   |
| 1471 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Quinalphos   | NFL/CH/SOP-007   |
| 1472 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Quizalofop ethyl   | NFL/CH/SOP-007   |
| 1473 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Quizalofop-p-terfuryl  | NFL/CH/SOP-007   |
| 1474 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Spinetoram   | NFL/CH/SOP-007   |
| 1475 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Sulfosulfuron  | NFL/CH/SOP-007   |
| 1476 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Sulfoxaflor  | NFL/CH/SOP-007   |
| 1477 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Tebuconazole   | NFL/CH/SOP-007   |
| 1478 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Thiacloprid  | NFL/CH/SOP-007   |
| 1479 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Thiamethoxam   | NFL/CH/SOP-007   |
| 1480 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Thifluzamide   | NFL/CH/SOP-007   |
| 1481 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products) | Thiocyclam   | NFL/CH/SOP-007   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA | <b>Page No</b>         | 111 of 136 |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   | <b>Last Amended on</b> | 01/08/2021 |
| <b>Certificate Number</b>     | TC-5351  |                        |            |
| <b>Validity</b>               | 24/02/2020 to 23/02/2022   |                        |            |

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|------|-------------------------------------|---|--|--|
| 1482 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products)  | Thiophanate methyl   | NFL/CH/SOP-007   |
| 1483 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products)  | Triadimefon  | NFL/CH/SOP-007   |
| 1484 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products)  | Tri-allate   | NFL/CH/SOP-007   |
| 1485 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products)  | Triasulfuron   | NFL/CH/SOP-007   |
| 1486 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products)  | Triazophos   | NFL/CH/SOP-007   |
| 1487 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products)  | Trichlorfon  | NFL/CH/SOP-007   |
| 1488 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products)  | Tricyclazole   | NFL/CH/SOP-007   |
| 1489 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products)  | Tridemorph   | NFL/CH/SOP-007   |
| 1490 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products)  | Trifloxystrobin  | NFL/CH/SOP-007   |
| 1491 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Cereal, Pulses and Cereal Products (Rice, Wheat, Jowar, Bajra, Millets and Related Products)  | Trifluralin  | NFL/CH/SOP-007   |
| 1492 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Foods for Infant Nutrition (Infant Milk Food, Infant Formula, Milk Cereal based complementary food, Processed Cereal based complementary food and Follow-up formula Complementary Food) | Arsenic  | NFL/CH/SOP-011   |
| 1493 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Foods for Infant Nutrition (Infant Milk Food, Infant Formula, Milk Cereal based complementary food, Processed Cereal based complementary food and Follow-up formula Complementary Food) | Cadmium  | NFL/CH/SOP-011   |
| 1494 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Foods for Infant Nutrition (Infant Milk Food, Infant Formula, Milk Cereal based complementary food, Processed Cereal based complementary food and Follow-up formula Complementary Food) | Lead   | NFL/CH/SOP-011   |
| 1495 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Foods for Infant Nutrition (Infant Milk Food, Infant Formula, Milk Cereal based complementary food, Processed Cereal based complementary food and Follow-up formula Complementary Food) | Mercury  | NFL/CH/SOP-011   |
| 1496 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Foods for Infant Nutrition (Infant Milk Food, Infant Formula, Milk Cereal based complementary food, Processed Cereal based complementary food and Follow-up formula Complementary Food) | TIN  | NFL/CH/SOP-011   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
| <b>Certificate Number</b>     | TC-5351  | <b>Page No</b>         | 112 of 136 |
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|------|-------------------------------------|---|--|--|
| 1497 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruit & Fruit Products, Vegetable & Vegetable Products and Cereal & Cereal Products | Arsenic  | NFL/CH/SOP-011   |
| 1498 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruit & Fruit Products, Vegetable & Vegetable Products and Cereal & Cereal Products | Cadmium  | NFL/CH/SOP-011   |
| 1499 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruit & Fruit Products, Vegetable & Vegetable Products and Cereal & Cereal Products | Chromium   | NFL/CH/SOP-011   |
| 1500 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruit & Fruit Products, Vegetable & Vegetable Products and Cereal & Cereal Products | Copper   | NFL/CH/SOP-011   |
| 1501 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruit & Fruit Products, Vegetable & Vegetable Products and Cereal & Cereal Products | Lead   | NFL/CH/SOP-011   |
| 1502 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruit & Fruit Products, Vegetable & Vegetable Products and Cereal & Cereal Products | Mercury  | NFL/CH/SOP-011   |
| 1503 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruit & Fruit Products, Vegetable & Vegetable Products and Cereal & Cereal Products | Nickel   | NFL/CH/SOP-011   |
| 1504 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruit & Fruit Products, Vegetable & Vegetable Products and Cereal & Cereal Products | Tin  | NFL/CH/SOP-011   |
| 1505 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products  | Sum of benomyl and carbendazim expressed as carbendazim  | NFL/CH/SOP-008   |
| 1506 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products  | 2,4-Dichlorophenoxy acetic acid  | NFL/CH/SOP-008   |
| 1507 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products  | Acetamiprid  | NFL/CH/SOP-008   |
| 1508 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products  | Ametroctradin  | NFL/CH/SOP-008   |
| 1509 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products  | Azoxystrobin   | NFL/CH/SOP-008   |
| 1510 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products  | Benomyl (expressed as Carbendazim)   | NFL/CH/SOP-008   |
| 1511 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products  | Bitertanol   | NFL/CH/SOP-008   |
| 1512 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products  | Boscalid   | NFL/CH/SOP-008   |
| 1513 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products  | Buprofezin   | NFL/CH/SOP-008   |
| 1514 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products  | Captan   | NFL/CH/SOP-008   |





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR  
PRADESH, INDIA

**Accreditation Standard**

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|------|-------------------------------------|--------------------------------------|--|--|
| 1515 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Carbaryl   | NFL/CH/SOP-008   |
| 1516 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Carbofuran (Sum of carbofuran and 3- hydroxy carbofuran expressed as carbofuran)                           | NFL/CH/SOP-008   |
| 1517 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Chlorantraniliprole  | NFL/CH/SOP-008   |
| 1518 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Chlorfenapyr   | NFL/CH/SOP-008   |
| 1519 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Chlormequat Chloride (CCC)   | NFL/CH/SOP-008   |
| 1520 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Chlorothalonil   | NFL/CH/SOP-008   |
| 1521 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Chlorpropham   | NFL/CH/SOP-008   |
| 1522 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Diafenthuron   | NFL/CH/SOP-008   |
| 1523 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Dodine   | NFL/CH/SOP-008   |
| 1524 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Emamectin Benzoate   | NFL/CH/SOP-008   |
| 1525 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Ethion   | NFL/CH/SOP-008   |
| 1526 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Fenamidone   | NFL/CH/SOP-008   |
| 1527 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Fenazaquin   | NFL/CH/SOP-008   |
| 1528 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Fenpropathrin  | NFL/CH/SOP-008   |
| 1529 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Flupyradifurone and its metabolites Difluoroacetic acid and Difluoroethylamino-furanone                    | NFL/CH/SOP-008   |
| 1530 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Hexaconazole   | NFL/CH/SOP-008   |
| 1531 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Hexythiazox  | NFL/CH/SOP-008   |
| 1532 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Imidacloprid   | NFL/CH/SOP-008   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA

**Accreditation Standard**

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|------|-------------------------------------|--------------------------------------|--|--|
| 1533 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Iprodione  | NFL/CH/SOP-008   |
| 1534 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Lambda cyhalothrin   | NFL/CH/SOP-008   |
| 1535 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Malathion  | NFL/CH/SOP-008   |
| 1536 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Mandipropamid  | NFL/CH/SOP-008   |
| 1537 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Myclobutanil   | NFL/CH/SOP-008   |
| 1538 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Oxyfluorfen  | NFL/CH/SOP-008   |
| 1539 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Penconazole  | NFL/CH/SOP-008   |
| 1540 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Phosalone  | NFL/CH/SOP-008   |
| 1541 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Tetraconazole  | NFL/CH/SOP-008   |
| 1542 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Trichlorfon  | NFL/CH/SOP-008   |
| 1543 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Trifloxystrobin  | NFL/CH/SOP-008   |
| 1544 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Bifenthrin   | NFL/CH/SOP-008   |
| 1545 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Chlorfluazuron   | NFL/CH/SOP-008   |
| 1546 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Chlorpyrifos   | NFL/CH/SOP-008   |
| 1547 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Cyantranilipole  | NFL/CH/SOP-008   |
| 1548 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Cyazofamid   | NFL/CH/SOP-008   |
| 1549 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Cyfluthrin   | NFL/CH/SOP-008   |
| 1550 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Cymoxanil  | NFL/CH/SOP-008   |
| 1551 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Cypermethrin   | NFL/CH/SOP-008   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA

**Accreditation Standard**

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| 1552 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Deltamethrin   | NFL/CH/SOP-008   |
| 1553 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Dichlorvos   | NFL/CH/SOP-008   |
| 1554 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Dicofol  | NFL/CH/SOP-008   |
| 1555 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Difenconazole  | NFL/CH/SOP-008   |
| 1556 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Dimethoate   | NFL/CH/SOP-008   |
| 1557 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Dimethomorph   | NFL/CH/SOP-008   |
| 1558 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Dithianon  | NFL/CH/SOP-008   |
| 1559 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Dithiocarbamates (metirams CS2)  | NFL/CH/SOP-008   |
| 1560 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Famoxadone   | NFL/CH/SOP-008   |
| 1561 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Fenarimol  | NFL/CH/SOP-008   |
| 1562 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Fenpyroximate  | NFL/CH/SOP-008   |
| 1563 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Fenvalerate  | NFL/CH/SOP-008   |
| 1564 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Fipronil   | NFL/CH/SOP-008   |
| 1565 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Fluopicolide   | NFL/CH/SOP-008   |
| 1566 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Fluopyram and its metabolites  | NFL/CH/SOP-008   |
| 1567 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Flusilazole  | NFL/CH/SOP-008   |
| 1568 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Fluxapyroxad   | NFL/CH/SOP-008   |
| 1569 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Forchlorfenuron  | NFL/CH/SOP-008   |
| 1570 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Indoxacarb   | NFL/CH/SOP-008   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA | <b>Page No</b>         | 116 of 136 |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   | <b>Last Amended on</b> | 01/08/2021 |
| <b>Certificate Number</b>     | TC-5351  |                        |            |
| <b>Validity</b>               | 24/02/2020 to 23/02/2022   |                        |            |

| S.No | Discipline / Group                  | Materials or Products tested         | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|-------------------------------------|--------------------------------------|--|--|
| 1571 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Kresoxim Methyl  | NFL/CH/SOP-008   |
| 1572 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Linuron  | NFL/CH/SOP-008   |
| 1573 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Malaoxon   | NFL/CH/SOP-008   |
| 1574 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Metaflumizone  | NFL/CH/SOP-008   |
| 1575 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Metalaxyl-M  | NFL/CH/SOP-008   |
| 1576 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Methomyl   | NFL/CH/SOP-008   |
| 1577 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Metrafenone  | NFL/CH/SOP-008   |
| 1578 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Metribuzin   | NFL/CH/SOP-008   |
| 1579 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Monocrotophos  | NFL/CH/SOP-008   |
| 1580 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Oxadiazyl  | NFL/CH/SOP-008   |
| 1581 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Oxydemeton methyl  | NFL/CH/SOP-008   |
| 1582 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Paclobutrazol  | NFL/CH/SOP-008   |
| 1583 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Paraquat dichloride (Determine as Paraquatcations)   | NFL/CH/SOP-008   |
| 1584 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Pendimethalin  | NFL/CH/SOP-008   |
| 1585 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Permethrin   | NFL/CH/SOP-008   |
| 1586 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Phorate (sum of Phorate, its oxygen analogue and their sulphoxides and sulphones, expressed as phorate)    | NFL/CH/SOP-008   |
| 1587 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Picoxystrobin  | NFL/CH/SOP-008   |
| 1588 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Prohexadione calcium   | NFL/CH/SOP-008   |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 1589 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Propaquizafop  | NFL/CH/SOP-008   |
| 1590 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Propargite   | NFL/CH/SOP-008   |
| 1591 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Propineb   | NFL/CH/SOP-008   |
| 1592 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Pyraclostrobin   | NFL/CH/SOP-008   |
| 1593 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Pyriproxyfen   | NFL/CH/SOP-008   |
| 1594 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Quinalphos   | NFL/CH/SOP-008   |
| 1595 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Quizalofop ethyl   | NFL/CH/SOP-008   |
| 1596 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Spirotetramat  | NFL/CH/SOP-008   |
| 1597 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Tebuconazole   | NFL/CH/SOP-008   |
| 1598 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Thiacloprid  | NFL/CH/SOP-008   |
| 1599 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Thiamethoxam   | NFL/CH/SOP-008   |
| 1600 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Thiodicarb   | NFL/CH/SOP-008   |
| 1601 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Thiometon  | NFL/CH/SOP-008   |
| 1602 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Thiophanate-Methyl   | NFL/CH/SOP-008   |
| 1603 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Tolfenpyrad  | NFL/CH/SOP-008   |
| 1604 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Triadimefon  | NFL/CH/SOP-008   |
| 1605 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Triazophos   | NFL/CH/SOP-008   |
| 1606 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Tricyclazole   | NFL/CH/SOP-008   |
| 1607 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Fruits, Vegetables and It's Products | Tridemorph   | NFL/CH/SOP-008   |



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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 1608 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Meat Products       | Arsenic  | NFL/CH/SOP-011   |
| 1609 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Meat Products       | Cadmium  | NFL/CH/SOP-011   |
| 1610 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Meat Products       | Chromium   | NFL/CH/SOP-011   |
| 1611 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Meat Products       | Copper   | NFL/CH/SOP-011   |
| 1612 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Meat Products       | Lead   | NFL/CH/SOP-011   |
| 1613 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Meat Products       | Mercury  | NFL/CH/SOP-011   |
| 1614 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Meat Products       | Nickel   | NFL/CH/SOP-011   |
| 1615 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Meat Products       | Tin  | NFL/CH/SOP-011   |
| 1616 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products    | Amoxicillin  | NFL/CH/SOP-004   |
| 1617 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products    | Ceftiofur  | NFL/CH/SOP-004   |
| 1618 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products    | Cephalexin   | NFL/CH/SOP-004   |
| 1619 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products    | Chloramphenicol  | NFL/CH/SOP-002   |
| 1620 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products    | Ciprofloxacin  | NFL/CH/SOP-004   |
| 1621 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products    | Enrofloxacin   | NFL/CH/SOP-004   |
| 1622 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products    | Flumequine   | NFL/CH/SOP-004   |
| 1623 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products    | Levofloxacin   | NFL/CH/SOP-004   |
| 1624 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products    | Metronidazole  | NFL/CH/SOP-004   |
| 1625 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products    | Nitrofurantoin metabolite (AHD)  | NFL/CH/SOP-003   |
| 1626 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products    | Nitrofurantoin metabolite (AMOZ)   | NFL/CH/SOP-003   |



# National Accreditation Board for Testing and Calibration Laboratories

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**Laboratory Name :**

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PRADESH, INDIA

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| 1627 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products          | Nitrofurans metabolite (AOZ)   | NFL/CH/SOP-003   |
| 1628 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products          | Nitrofurans metabolite (SEM)   | NFL/CH/SOP-003   |
| 1629 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products          | Ronidazole   | NFL/CH/SOP-004   |
| 1630 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products          | Sulphamethoxazole  | NFL/CH/SOP-004   |
| 1631 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products          | Sulphathiazole   | NFL/CH/SOP-004   |
| 1632 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products          | Trimethoprim   | NFL/CH/SOP-004   |
| 1633 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Meat and Poultry Products          | Tylosin  | NFL/CH/SOP-004   |
| 1634 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk & Milk Products               | Aflatoxin M1   | NFL/CH/SOP-046   |
| 1635 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk & Milk Products & Other Foods | Melamine   | NFL/CH/SOP-047   |
| 1636 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Dairy Products            | Arsenic  | NFL/CH/SOP-011   |
| 1637 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Dairy Products            | Cadmium  | NFL/CH/SOP-011   |
| 1638 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Dairy Products            | Copper   | NFL/CH/SOP-011   |
| 1639 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Dairy Products            | Lead   | NFL/CH/SOP-011   |
| 1640 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Dairy Products            | Mercury  | NFL/CH/SOP-011   |
| 1641 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Dairy Products            | Tin  | NFL/CH/SOP-011   |
| 1642 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Product              | Ceftiofur  | NFL/CH/SOP-044   |
| 1643 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products             | Acephate   | NFL/CH/SOP-012   |
| 1644 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products             | Acetamiprid  | NFL/CH/SOP-012   |
| 1645 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products             | Azoxystrobin   | NFL/CH/SOP-012   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR  
PRADESH, INDIA

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|------|-------------------------------------|------------------------------|--|--|
| 1646 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | BIFENTHRIN   | NFL/CH/SOP-012   |
| 1647 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Bitertanol   | NFL/CH/SOP-012   |
| 1648 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Buprofezin   | NFL/CH/SOP-012   |
| 1649 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Carbaryl   | NFL/CH/SOP-012   |
| 1650 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Carbendazim  | NFL/CH/SOP-012   |
| 1651 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Carbofuran and 3-hydroxy carbofuran  | NFL/CH/SOP-012   |
| 1652 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Chlorantraniliprole  | NFL/CH/SOP-012   |
| 1653 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | CHLOROTHALONIL   | NFL/CH/SOP-012   |
| 1654 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | CHLORPYRIPHOS  | NFL/CH/SOP-012   |
| 1655 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Chlothianidin and its metabolites(TMG)(TZMU),MNG   | NFL/CH/SOP-012   |
| 1656 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | CYPERMETHRIN   | NFL/CH/SOP-012   |
| 1657 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | DELTAMETHRIN   | NFL/CH/SOP-012   |
| 1658 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Difenoconazole   | NFL/CH/SOP-012   |
| 1659 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Dimethoate   | NFL/CH/SOP-012   |
| 1660 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Dinotefuran  | NFL/CH/SOP-012   |
| 1661 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Edifenphos   | NFL/CH/SOP-012   |
| 1662 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Emamectin Benzoate   | NFL/CH/SOP-012   |
| 1663 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | ETHION   | NFL/CH/SOP-012   |
| 1664 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Ethofenprox  | NFL/CH/SOP-012   |





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## SCOPE OF ACCREDITATION

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| 1665 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | FENPROPATHRIN  | NFL/CH/SOP-012   |
| 1666 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | FENVALERATE I  | NFL/CH/SOP-012   |
| 1667 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | FENVALERATE II   | NFL/CH/SOP-012   |
| 1668 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Flusilazole  | NFL/CH/SOP-012   |
| 1669 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Imidacloprid   | NFL/CH/SOP-012   |
| 1670 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Indoxacarb   | NFL/CH/SOP-012   |
| 1671 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Kresoxim methyl  | NFL/CH/SOP-012   |
| 1672 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Methomyl   | NFL/CH/SOP-012   |
| 1673 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | METOLACHLOR  | NFL/CH/SOP-012   |
| 1674 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Monocrotophos  | NFL/CH/SOP-012   |
| 1675 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Oxydemeton-methyl  | NFL/CH/SOP-012   |
| 1676 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Penconazole  | NFL/CH/SOP-012   |
| 1677 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Phenthoate   | NFL/CH/SOP-012   |
| 1678 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | PHORATE SULFONE  | NFL/CH/SOP-012   |
| 1679 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Primiphos methyl   | NFL/CH/SOP-012   |
| 1680 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Propiconazole  | NFL/CH/SOP-012   |
| 1681 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Pyraclostrobin   | NFL/CH/SOP-012   |
| 1682 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Tebuconazole   | NFL/CH/SOP-012   |
| 1683 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Thiacloprid  | NFL/CH/SOP-012   |



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| 1684 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Thiamethoxam   | NFL/CH/SOP-012   |
| 1685 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Thiophanate-methyl   | NFL/CH/SOP-012   |
| 1686 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | TRIADIMEFON  | NFL/CH/SOP-012   |
| 1687 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Trichlorfon  | NFL/CH/SOP-012   |
| 1688 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Albendazole  | NFL/CH/SOP-044   |
| 1689 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Apramycin  | NFL/CH/SOP-044   |
| 1690 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Chlortetracycline  | NFL/CH/SOP-044   |
| 1691 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Diclorvos (DDVP),(D,C,A)   | NFL/CH/SOP-012   |
| 1692 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and milk Products       | Dithiocarbamates (as CS2)  | NFL/CH/SOP-012   |
| 1693 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Febantel   | NFL/CH/SOP-044   |
| 1694 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Fenbendazole   | NFL/CH/SOP-044   |
| 1695 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Flunixin Meglumine   | NFL/CH/SOP-044   |
| 1696 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Lincomycin   | NFL/CH/SOP-044   |
| 1697 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Meloxicam  | NFL/CH/SOP-044   |
| 1698 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Monesin  | NFL/CH/SOP-044   |
| 1699 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Neomycin   | NFL/CH/SOP-044   |
| 1700 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Oxyclozanide   | NFL/CH/SOP-044   |
| 1701 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Oxyfendazole   | NFL/CH/SOP-044   |
| 1702 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Oxytetracycline  | NFL/CH/SOP-044   |



# National Accreditation Board for Testing and Calibration Laboratories

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**Last Amended on**

01/08/2021

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|------|-------------------------------------|------------------------------|--|--|
| 1703 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Parbendazole   | NFL/CH/SOP-044   |
| 1704 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | PHORATE SULFOXIDE  | NFL/CH/SOP-012   |
| 1705 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | PHORATE  | NFL/CH/SOP-012   |
| 1706 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Praziquantel   | NFL/CH/SOP-044   |
| 1707 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Spectinomycin  | NFL/CH/SOP-044   |
| 1708 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Sulfa Chloropyrazine   | NFL/CH/SOP-044   |
| 1709 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Sulfadiazine   | NFL/CH/SOP-044   |
| 1710 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Sulfadimidine  | NFL/CH/SOP-044   |
| 1711 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Sulfanilamide  | NFL/CH/SOP-044   |
| 1712 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Sulfaquininoxanil  | NFL/CH/SOP-044   |
| 1713 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Tetracycline   | NFL/CH/SOP-044   |
| 1714 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Thiabendazole  | NFL/CH/SOP-044   |
| 1715 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Trimethoprim   | NFL/CH/SOP-044   |
| 1716 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Virginiamycin  | NFL/CH/SOP-044   |
| 1717 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Xylazine   | NFL/CH/SOP-044   |
| 1718 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Milk and Milk Products       | Zinc Bacitracin  | NFL/CH/SOP-044   |
| 1719 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nut and Nut Products         | Arsenic  | NFL/CH/SOP-011   |
| 1720 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nut and Nut Products         | Cadmium  | NFL/CH/SOP-011   |
| 1721 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nut and Nut Products         | Copper   | NFL/CH/SOP-011   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR  
PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

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|------|-------------------------------------|---|--|--|
| 1722 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nut and Nut Products  | Lead   | NFL/CH/SOP-011   |
| 1723 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nut and Nut Products  | Mercury  | NFL/CH/SOP-011   |
| 1724 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nut and Nut Products  | Tin  | NFL/CH/SOP-011   |
| 1725 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nut and Nut Products, Cereal and Cereal Products, Spices and Condiments, Dried figs, Arecanut or Betel nut, Oils, Oilseeds and Fats | Aflatoxin B1   | NFL/CH/SOP-013   |
| 1726 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nut and Nut Products, Cereal and Cereal Products, Spices and Condiments, Dried figs, Arecanut or Betel nut, Oils, Oilseeds and Fats | Aflatoxin B2   | NFL/CH/SOP-013   |
| 1727 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nut and Nut Products, Cereal and Cereal Products, Spices and Condiments, Dried figs, Arecanut or Betel nut, Oils, Oilseeds and Fats | Aflatoxin G1   | NFL/CH/SOP-013   |
| 1728 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nut and Nut Products, Cereal and Cereal Products, Spices and Condiments, Dried figs, Arecanut or Betel nut, Oils, Oilseeds and Fats | Aflatoxin G2   | NFL/CH/SOP-013   |
| 1729 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products  | Fomesafen  | NFL/CH/SOP-059   |
| 1730 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products  | Imazamox   | NFL/CH/SOP-059   |
| 1731 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products  | Alachlor   | NFL/CH/SOP-059   |
| 1732 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products  | Bitertanol   | NFL/CH/SOP-059   |
| 1733 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products  | Chlorantraniliprole  | NFL/CH/SOP-059   |
| 1734 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products  | Chlorothalonil   | NFL/CH/SOP-059   |
| 1735 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products  | Deltamethrin (Decamethrin)   | NFL/CH/SOP-059   |
| 1736 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products  | Dichlorvos (DDVP) (content of di- chloroacetaldehyde (D.C.A.) be reported where possible)                  | NFL/CH/SOP-059   |
| 1737 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products  | Dithiocarbamates (Metiram, Mancozeb as CS2)  | NFL/CH/SOP-059   |
| 1738 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products  | Emamectin Benzoate   | NFL/CH/SOP-059   |



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| 1739 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Epoxyconazole  | NFL/CH/SOP-059   |
| 1740 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Fenoxaprop-p-ethyl   | NFL/CH/SOP-059   |
| 1741 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Fluazifop-p-butyl  | NFL/CH/SOP-059   |
| 1742 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Flusilazole  | NFL/CH/SOP-059   |
| 1743 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Hexaconazole   | NFL/CH/SOP-059   |
| 1744 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Imazethapyr  | NFL/CH/SOP-059   |
| 1745 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Imidacloprid   | NFL/CH/SOP-059   |
| 1746 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Lambda cyhalothrin   | NFL/CH/SOP-059   |
| 1747 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Methomyl   | NFL/CH/SOP-059   |
| 1748 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Myclobutanil   | NFL/CH/SOP-059   |
| 1749 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Oxyfluorfen  | NFL/CH/SOP-059   |
| 1750 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Propiconazole  | NFL/CH/SOP-059   |
| 1751 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Pyraclostrobin   | NFL/CH/SOP-059   |
| 1752 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Quinalphos   | NFL/CH/SOP-059   |
| 1753 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Quizalofop ethyl   | NFL/CH/SOP-059   |
| 1754 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Sum of benomyl and carbendazim expressed as carbendazim  | NFL/CH/SOP-059   |
| 1755 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Tebuconazole   | NFL/CH/SOP-059   |
| 1756 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Nuts and nuts products       | Thiamethoxam   | NFL/CH/SOP-059   |



# National Accreditation Board for Testing and Calibration Laboratories

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| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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| 1757 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oil and Oil products                           | Dichlorvos   | NFL/CH/SOP-037   |
| 1758 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oil and Oil products                           | Methyl parathion   | NFL/CH/SOP-037   |
| 1759 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oil and Oil products                           | Methyl-paraoxon  | NFL/CH/SOP-037   |
| 1760 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oil and Oil products                           | Oxadiargyl   | NFL/CH/SOP-037   |
| 1761 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oil and Oil products                           | Oxydemeton-Methyl  | NFL/CH/SOP-037   |
| 1762 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oil and Oil products                           | Phenthoate   | NFL/CH/SOP-037   |
| 1763 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oil and Oil products                           | Phosalone  | NFL/CH/SOP-037   |
| 1764 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oil and Oil products                           | Quinalphos   | NFL/CH/SOP-037   |
| 1765 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oil and Oil products                           | Trichlorfon  | NFL/CH/SOP-037   |
| 1766 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oils and Fats                                  | Arsenic  | NFL/CH/SOP-011   |
| 1767 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oils and Fats                                  | Cadmium  | NFL/CH/SOP-011   |
| 1768 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oils and Fats                                  | Copper   | NFL/CH/SOP-011   |
| 1769 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oils and Fats                                  | Lead   | NFL/CH/SOP-011   |
| 1770 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oils and Fats                                  | Mercury  | NFL/CH/SOP-011   |
| 1771 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oils and Fats                                  | Nickel   | NFL/CH/SOP-011   |
| 1772 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Oils and Fats                                  | Tin  | NFL/CH/SOP-011   |
| 1773 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Salts, Spices, Condiments and Related Products | Arsenic  | NFL/CH/SOP-011   |
| 1774 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Salts, Spices, Condiments and Related Products | Cadmium  | NFL/CH/SOP-011   |
| 1775 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Salts, Spices, Condiments and Related Products | Chromium   | NFL/CH/SOP-011   |



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| 1776 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Salts, Spices, Condiments and Related Products | Copper   | NFL/CH/SOP-011   |
| 1777 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Salts, Spices, Condiments and Related Products | Lead   | NFL/CH/SOP-011   |
| 1778 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Salts, Spices, Condiments and Related Products | Mercury  | NFL/CH/SOP-011   |
| 1779 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Salts, Spices, Condiments and Related Products | Nickel   | NFL/CH/SOP-011   |
| 1780 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Salts, Spices, Condiments and Related Products | Tin  | NFL/CH/SOP-011   |
| 1781 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | 1-NPA  | NFL/CH/SOP-009   |
| 1782 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Acetamidrid  | NFL/CH/SOP-009   |
| 1783 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Azoxystrobin   | NFL/CH/SOP-009   |
| 1784 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Buprofezin   | NFL/CH/SOP-009   |
| 1785 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Carbaryl   | NFL/CH/SOP-009   |
| 1786 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Chlorantraniliprole  | NFL/CH/SOP-009   |
| 1787 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Chlorfenapyr   | NFL/CH/SOP-009   |
| 1788 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Cyantranilipole  | NFL/CH/SOP-009   |
| 1789 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Deltamethrin   | NFL/CH/SOP-009   |
| 1790 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Diafenthuron   | NFL/CH/SOP-009   |
| 1791 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Dicofol  | NFL/CH/SOP-009   |
| 1792 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Difenconazole  | NFL/CH/SOP-009   |
| 1793 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Dimethoate   | NFL/CH/SOP-009   |
| 1794 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products                       | Epoxyconazole  | NFL/CH/SOP-009   |



# National Accreditation Board for Testing and Calibration Laboratories

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| 1795 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Fenazaquin   | NFL/CH/SOP-009   |
| 1796 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Fenpropathrin  | NFL/CH/SOP-009   |
| 1797 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Fenpyroximate  | NFL/CH/SOP-009   |
| 1798 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Flusilazole  | NFL/CH/SOP-009   |
| 1799 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Fosetyl Al   | NFL/CH/SOP-009   |
| 1800 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Hexaconazole   | NFL/CH/SOP-009   |
| 1801 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Hexythiazox  | NFL/CH/SOP-009   |
| 1802 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Imidacloprid   | NFL/CH/SOP-009   |
| 1803 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Indoxacarb   | NFL/CH/SOP-009   |
| 1804 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Kresoxim methyl  | NFL/CH/SOP-009   |
| 1805 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Lamdha -cyhalothrin  | NFL/CH/SOP-009   |
| 1806 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Lufenuron  | NFL/CH/SOP-009   |
| 1807 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Metalaxyl-M  | NFL/CH/SOP-009   |
| 1808 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Methomyl   | NFL/CH/SOP-009   |
| 1809 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Monocrotophos  | NFL/CH/SOP-009   |
| 1810 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Myclobutanil   | NFL/CH/SOP-009   |
| 1811 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Novaluron  | NFL/CH/SOP-009   |
| 1812 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Oxadiazyl  | NFL/CH/SOP-009   |
| 1813 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Oxydemeton methyl  | NFL/CH/SOP-009   |





# National Accreditation Board for Testing and Calibration Laboratories

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|------|-------------------------------------|------------------------------|--|--|
| 1814 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Pendimethalin  | NFL/CH/SOP-009   |
| 1815 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Picoxystrobin  | NFL/CH/SOP-009   |
| 1816 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Propargite   | NFL/CH/SOP-009   |
| 1817 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Pyraclostrobin   | NFL/CH/SOP-009   |
| 1818 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Pyridalyl  | NFL/CH/SOP-009   |
| 1819 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Pyriproxifen   | NFL/CH/SOP-009   |
| 1820 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Quinalphos   | NFL/CH/SOP-009   |
| 1821 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Spinetoram   | NFL/CH/SOP-009   |
| 1822 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Spinosad   | NFL/CH/SOP-009   |
| 1823 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Spiromesifen   | NFL/CH/SOP-009   |
| 1824 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Spirotetramat  | NFL/CH/SOP-009   |
| 1825 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Tebuconazole   | NFL/CH/SOP-009   |
| 1826 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Thiacloprid  | NFL/CH/SOP-009   |
| 1827 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Thiamethoxam   | NFL/CH/SOP-009   |
| 1828 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Thiodicarb   | NFL/CH/SOP-009   |
| 1829 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Triadimefon  | NFL/CH/SOP-009   |
| 1830 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Triazophos   | NFL/CH/SOP-009   |
| 1831 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Tricyclazole   | NFL/CH/SOP-009   |
| 1832 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products     | Trifloxystrobin  | NFL/CH/SOP-009   |



# National Accreditation Board for Testing and Calibration Laboratories

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| 1833 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Spice and spice products  | Dithiocarbamates ( as CS2)   | NFL/CH/SOP-009   |
| 1834 | CHEMICAL- RESIDUES IN FOOD PRODUCTS | Wheat, Barley and rye   | Ochratoxin A   | NFL/CH/SOP-013   |
| 1835 | CHEMICAL- RESIDUES IN WATER         | Drinking Water  | Bromodichloromethane   | NFL/CH/SOP-018   |
| 1836 | CHEMICAL- RESIDUES IN WATER         | Drinking Water  | Bromoform  | NFL/CH/SOP-018   |
| 1837 | CHEMICAL- RESIDUES IN WATER         | Drinking Water  | Chloroform   | NFL/CH/SOP-018   |
| 1838 | CHEMICAL- RESIDUES IN WATER         | Drinking Water  | Dibromochloromethane   | NFL/CH/SOP-018   |
| 1839 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Lead   | IS 3025 (Part 65) : 2014, RA   |
| 1840 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Alpha Endosulfan   | NFL/CH/SOP-015   |
| 1841 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | 2- Chlorobiphenyl  | NFL/CH/SOP-016   |
| 1842 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | 2, 4, 5 - Trichlorobiphenyl  | NFL/CH/SOP-016   |
| 1843 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | 2,2,3,3,4,4,6-Heptachlorobiphenyl  | NFL/CH/SOP-016   |
| 1844 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | 2,2,3,3,4,5,6,6-Octachlorobiphenyl   | NFL/CH/SOP-016   |
| 1845 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | 2,2,3,4,6- Pentachlorobiphenyl   | NFL/CH/SOP-016   |
| 1846 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | 2,2,4,4 - Tetrachlorobiphenyl  | NFL/CH/SOP-016   |
| 1847 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | 2,2,4,4,5,6-Hexachlorobiphenyl   | NFL/CH/SOP-016   |
| 1848 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | 2,3 - Dichlorobiphenyl   | NFL/CH/SOP-016   |
| 1849 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | 2,4-D  | NFL/CH/SOP-015   |
| 1850 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Acenaphthene   | NFL/CH/SOP-017   |
| 1851 | CHEMICAL- RESIDUES IN WATER         | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Acenaphthylene   | NFL/CH/SOP-017   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

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24/02/2020 to 23/02/2022

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|------|-----------------------------|---|--|--|
| 1852 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Alachlor   | NFL/CH/SOP-015   |
| 1853 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Aldrin   | NFL/CH/SOP-015   |
| 1854 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Alpha - HCH  | NFL/CH/SOP-015   |
| 1855 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Aluminium  | IS 3025 (Part 65) : 2014, RA   |
| 1856 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Anthracene   | NFL/CH/SOP-017   |
| 1857 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Antimony   | IS 3025 (Part 65) : 2014, RA   |
| 1858 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Arsenic  | IS 3025 (Part 65) : 2014, RA   |
| 1859 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Atrazine   | NFL/CH/SOP-015   |
| 1860 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Barium   | IS 3025 (Part 65) : 2014, RA   |
| 1861 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Benzo (a) pyrene   | NFL/CH/SOP-017   |
| 1862 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Benzo (b) fluoranthene   | NFL/CH/SOP-017   |
| 1863 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Benzo (g,h,i) Perylene   | NFL/CH/SOP-017   |
| 1864 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Benzo (k) fluoranthene   | NFL/CH/SOP-017   |
| 1865 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Benzo(a) anthracene  | NFL/CH/SOP-017   |
| 1866 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Beta - Endosulfan  | NFL/CH/SOP-015   |
| 1867 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Beta - HCH   | NFL/CH/SOP-015   |
| 1868 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Boron  | IS 3025 (Part 65) : 2014, RA   |
| 1869 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Butachlor  | NFL/CH/SOP-015   |
| 1870 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Cadmium  | IS 3025 (Part 65) : 2014, RA   |



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| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
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|------|-----------------------------|---|--|--|
| 1871 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Chrysene   | NFL/CH/SOP-017   |
| 1872 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Copper   | IS 3025 (Part 65) : 2014, RA   |
| 1873 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Delta - HCH  | NFL/CH/SOP-015   |
| 1874 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Dibenz(a,h) anthracene   | NFL/CH/SOP-017   |
| 1875 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Dieldrin   | NFL/CH/SOP-015   |
| 1876 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Endosulfan sulphate  | NFL/CH/SOP-015   |
| 1877 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Ethion   | NFL/CH/SOP-015   |
| 1878 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Fluoranthene   | NFL/CH/SOP-017   |
| 1879 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Fluorene   | NFL/CH/SOP-017   |
| 1880 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Gamma - HCH (Lindane)  | NFL/CH/SOP-015   |
| 1881 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Indeno (1,2,3-c,d) pyrene  | NFL/CH/SOP-017   |
| 1882 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Iron   | IS 3025 (Part 65) : 2014, RA   |
| 1883 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Isoproturon  | NFL/CH/SOP-015   |
| 1884 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Manganese  | IS 3025 (Part 65) : 2014, RA   |
| 1885 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Mercury  | IS 3025 (Part 65) : 2014, RA   |
| 1886 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Methyl parathion   | NFL/CH/SOP-015   |
| 1887 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Methyl-paraoxan  | NFL/CH/SOP-015   |
| 1888 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Molybdenum   | IS 3025 (Part 65) : 2014, RA   |
| 1889 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose | Monocrotophos  | NFL/CH/SOP-015   |



# National Accreditation Board for Testing and Calibration Laboratories

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|------|-----------------------------|--|--|--|
| 1890 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Naphthalene  | NFL/CH/SOP-017   |
| 1891 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Nickel   | IS 3025 (Part 65) : 2014, RA   |
| 1892 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | o, p DDD   | NFL/CH/SOP-015   |
| 1893 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | o, p DDE   | NFL/CH/SOP-015   |
| 1894 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | o, p DDT   | NFL/CH/SOP-015   |
| 1895 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | p, p DDD   | NFL/CH/SOP-015   |
| 1896 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | p, p DDE   | NFL/CH/SOP-015   |
| 1897 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | p, p DDT   | NFL/CH/SOP-015   |
| 1898 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Phenanthrene   | NFL/CH/SOP-017   |
| 1899 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Phorate  | NFL/CH/SOP-015   |
| 1900 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Phorate Sulphone   | NFL/CH/SOP-015   |
| 1901 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Phorate Sulphoxide   | NFL/CH/SOP-015   |
| 1902 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Pyrene   | NFL/CH/SOP-017   |
| 1903 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Selenium   | IS 3025 (Part 65) : 2014, RA   |
| 1904 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Silver   | IS 3025 (Part 65) : 2014, RA   |
| 1905 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Sodium   | IS 3025 (Part 65) : 2014, RA   |
| 1906 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Total Chromium   | IS 3025 (Part 65) : 2014, RA   |
| 1907 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose                      | Zinc   | IS 3025 (Part 65) : 2014, RA   |
| 1908 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose and Carbonated Water | Chlorpyrifos   | NFL/CH/SOP-015   |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
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|------|-----------------------------|---|--|--|
| 1909 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose, Carbonated Water | Malaoxon   | NFL/CH/SOP-015   |
| 1910 | CHEMICAL- RESIDUES IN WATER | Packaged Natural Mineral Water, Packaged Drinking water, Water for drinking purpose, Carbonated Water | Malathion  | NFL/CH/SOP-015   |
| 1911 | CHEMICAL- WATER             | Drinking Water  | Alkalinity (as CaCO <sub>3</sub> )   | IS 3025 (Part 23)  |
| 1912 | CHEMICAL- WATER             | Drinking Water  | Ammonia  | IS 3025 (Part 34) Nesslerization Method  |
| 1913 | CHEMICAL- WATER             | Drinking Water  | Anionic Detergents   | IS 3025 (Part 68)  |
| 1914 | CHEMICAL- WATER             | Drinking Water  | Calcium  | IS 3025 (Part 40) EDTA Titrimetric Method  |
| 1915 | CHEMICAL- WATER             | Drinking Water  | Chloramine   | IS 3025 (Part 26) Stabilized Neutral Ortho-toluidine Method  |
| 1916 | CHEMICAL- WATER             | Drinking Water  | Chlorides  | IS 3025 (Part 32) Argentometric Method   |
| 1917 | CHEMICAL- WATER             | Drinking Water  | Colour   | IS 3025 (Part 4) Platinum Cobalt (Visual Comparison) Method  |
| 1918 | CHEMICAL- WATER             | Drinking Water  | Cyanide  | IS 3025 (Part 27)  |
| 1919 | CHEMICAL- WATER             | Drinking Water  | Fluoride   | APHA 4500 F : D SPADNS Method 23rd Edition   |
| 1920 | CHEMICAL- WATER             | Drinking Water  | Magnesium  | IS 3025 (Part 46) Volumetric Method Using EDTA   |
| 1921 | CHEMICAL- WATER             | Drinking Water  | Mineral Oil  | IS 3025 (Part 39) Partition Infra-Red Method   |
| 1922 | CHEMICAL- WATER             | Drinking Water  | Nitrate  | IS 3025 (Part 34) Chromotropic Acid Method   |
| 1923 | CHEMICAL- WATER             | Drinking Water  | Odour  | IS 3025 (Part 5)   |
| 1924 | CHEMICAL- WATER             | Drinking Water  | pH Value   | IS 3025 (Part 11)  |
| 1925 | CHEMICAL- WATER             | Drinking Water  | Phenolic compound  | IS 3025 (Part 43) 4-Amino antipyrine Method with Chloroform Extraction Method                        |
| 1926 | CHEMICAL- WATER             | Drinking Water  | Residual Free Chlorine   | IS 3025 (Part 26) Stabilized Neutral Ortho-toluidine Method  |
| 1927 | CHEMICAL- WATER             | Drinking Water  | Sulphates  | IS 3025 (Part 24) Turbidity Method   |
| 1928 | CHEMICAL- WATER             | Drinking Water  | Sulphide   | IS 3025 (Part 29) Methylene Blue Method  |



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

|                               |  |                        |            |
|-------------------------------|--|------------------------|------------|
| <b>Laboratory Name :</b>      | NATIONAL FOOD LABORATORY, AHINSA KHAND 2, GHAZIABAD, GHAZIABAD, UTTAR PRADESH, INDIA |                        |            |
| <b>Accreditation Standard</b> | ISO/IEC 17025:2017   |                        |            |
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|------|--------------------|--|--|--|
| 1929 | CHEMICAL- WATER    | Drinking Water   | Taste  | IS 3025 (Part 8)   |
| 1930 | CHEMICAL- WATER    | Drinking Water   | Total Dissolved Solids   | IS 3025 (Part 16)  |
| 1931 | CHEMICAL- WATER    | Drinking Water   | Total Hardness   | IS 3025 (PART 21)  |
| 1932 | CHEMICAL- WATER    | Drinking Water   | Turbidity  | IS 3025 (Part 10)  |
| 1933 | CHEMICAL- WATER    | Drinking Water / Water for processed food Industry / Packaged Drinking Water (other than Natural Mineral Water) / Packaged Natural Mineral Water | Nitrite  | APHA 4500 NO3, B UV Spectrophotometric Screening Method  |
| 1934 | CHEMICAL- WATER    | Packaged Drinking Water  | Bromate  | ISO 15061  |
| 1935 | CHEMICAL- WATER    | Packaged Drinking Water  | Residual free chlorine   | IS 3025 (Part 26) Stabilized Neutral Ortho-toluidine Method  |
| 1936 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Alkalinity (as HCO <sub>3</sub> )  | IS 3025 (Part 23)  |
| 1937 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Anionic Surface-active agents  | IS 3025 (Part 68)  |
| 1938 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Calcium  | IS 3025 (Part 40) EDTA Titrimetric Method  |
| 1939 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Chloride   | IS 3025 (Part 32) Argentometric Method   |
| 1940 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Colour   | IS 3025 (Part 4) Platinum Cobalt (Visual Comparison) Method  |
| 1941 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Cyanide  | IS 3025 (Part 27)  |
| 1942 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Fluoride   | APHA 4500 F : D SPADNS Method 23rd Edition:  |
| 1943 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Magnesium  | IS 3025 (Part 46) Volumetric Method Using EDTA   |
| 1944 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Mineral Oil  | IS 3025 (Part 39) Partition Infra-Red Method   |
| 1945 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Nitrate  | IS 3025 (Part 34) Chromotropic Acid Method   |
| 1946 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Nitrite  | IS 3025 (Part 34)  |
| 1947 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Odour  | IS 3025 (Part 5)   |
| 1948 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | pH Value   | IS 3025 (Part 11)  |
| 1949 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Phenolic Compounds   | IS 3025 (Part 43) 4-Amino antipyrine Method with Chloroform Extraction Method                        |
| 1950 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water   | Sulfide  | IS 3025 (Part 29) Methylene Blue Method  |



# National Accreditation Board for Testing and Calibration Laboratories

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**Laboratory Name :**

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|------|--------------------|--|--|--|
| 1951 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water | Sulphates  | IS 3025 (Part 24) Turbidity Method   |
| 1952 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water | Taste  | IS 3025 (Part 8)   |
| 1953 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water | Total Dissolved Solids   | IS 3025 (Part 16)  |
| 1954 | CHEMICAL- WATER    | Packaged Drinking Water / Packaged Natural Mineral Water | Turbidity  | IS 3025 (Part 10)  |
| 1955 | CHEMICAL- WATER    | Water for processed food industry                        | Chlorides  | IS 3025 (Part 32) Argentometric Method   |
| 1956 | CHEMICAL- WATER    | Water for processed food industry                        | Colour   | IS 3025 (Part 4) Platinum Cobalt (Visual Comparison) Method  |
| 1957 | CHEMICAL- WATER    | Water for processed food industry                        | Cyanide  | IS 3025 (Part 27)  |
| 1958 | CHEMICAL- WATER    | Water for processed food industry                        | Fluorides  | APHA 4500 F : D SPADNS Method 23rd Edition   |
| 1959 | CHEMICAL- WATER    | Water for processed food industry                        | Nitrates   | IS 3025 (Part 34) Chromotropic Acid Method   |
| 1960 | CHEMICAL- WATER    | Water for processed food industry                        | pH   | IS 3025 (Part 11)  |
| 1961 | CHEMICAL- WATER    | Water for processed food industry                        | Phenols  | IS 3025 (Part 43) 4-Amino antipyrine Method with Chloroform Extraction Method                        |
| 1962 | CHEMICAL- WATER    | Water for processed food industry                        | Sulfates   | IS 3025 (Part 24) Turbidity Method   |
| 1963 | CHEMICAL- WATER    | Water for processed food industry                        | Total Hardness   | IS 3025 (Part 21)  |
| 1964 | CHEMICAL- WATER    | Water for processed food industry                        | Total Solids   | IS 3025 (Part 16)  |
| 1965 | CHEMICAL- WATER    | Water for processed food industry                        | Turbidity  | IS 3025 (Part 10)  |