National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ENVITRO LABORATORIES PVT. LTD., KRUSHNA NIWAS, 6 NAVAL NAGAR, MAVDI MAIN ROAD, RAJKOT, GUJARAT, INDIA

Accreditation Standard 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
Permanent Facility				
1	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black tea,Green Tea, Earl Grey, Matcha, Sencha, Oolong Tea, Puerh Tea, White Tea, Herbal Tea,Hibiscus tea.	Salmonella	IS 5887 (Part 3)
2	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Carbonated Beverages (Non-alcoholic)	Coliform Count Colony Count Technique	IS 5401 (Part 1)
3	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Carbonated Beverages (Non-alcoholic)	Total Bacterial Count	IS 5402
4	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Carbonated Beverages (Non-alcoholic)	Yeast & Mould Count	IS 5403
5	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Liquid milk, Raw milk, Pasteurized Milk, Boiled milk, flavored milk, steriled milk, cream, malai, dahi/curd, chena/paneer, cheese, dairy based desserts/confectioneries (ice-cream, dried frozen dessert, sweets), Khoya/mava, evaporated sweets and condensed milk and milk products, butter, milk and mil fats, shrikand, chakka, fermented products (yogurts), whey product, edible casein products, dairy based milk, buttermilk, burfi, peda, glab jamun, raso gulla, canned products, other sweets, ghee, milk powder and baby foods (infant milk substitutes, milk-cereal based complimentary foods)	Shigella	IS 5887 (Part-7)
6	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Liquid milk, Raw milk, Pasteurized Milk, Boiled milk, flavored milk, steriled milk, cream, malai, dahi/curd, chena/paneer, cheese, dairy based desserts/confectioneries (ice-cream, dried frozen dessert, sweets), Khoya/mava, evaporated sweets and condensed milk and milk products, butter, milk and mil fats, shrikand, chakka, fermented products (yogurts), whey product, edible casein products, dairy based milk, buttermilk, burfi, peda, glab jamun, raso gulla, canned products, other sweets, ghee, milk powder and baby foods (infant milk substitutes, milk-cereal based complimentary foods)	Staphylococcus aureus	IS 5887 (Part-2)
7	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Liquid milk, Raw milk, Pasteurized Milk, Boiled milk, flavored milk, steriled milk, cream, malai, dahi/curd, chena/paneer, cheese, dairy based desserts/confectioneries (ice-cream, dried frozen dessert, sweets), Khoya/mava, evaporated sweets and condensed milk and milk products, butter, milk and milk fats, shrikand, chakka, fermented products (yogurts), whey product, edible casein products, dairy based milk, buttermilk, burfi, peda, glab jamun, raso gulla, canned products, other sweets, ghee, milk powder and baby foods (infant milk substitutes, milk-cereal based complimentary foods)	Salmonella	IS 5887 (Part-3)

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8	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen	Coliform count	IS 5401 (Part 1)
9	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen	E.coli	IS 5887 (Part 1)
10	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen	Total Bacterial Count	IS 5402
11	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Namkeen	Yeast & Mould Count	IS 5403
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw Milk, Flavored Milk, Milk Powder, Processed Milk	Coliform count	IS 5401 (Part 1)
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw Milk, Flavored Milk, Milk Powder, Processed Milk	E.coli	IS 5887 (Part 1)
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Raw Milk, Flavored Milk, Milk Powder, Processed Milk	Total Bacterial Count	IS 5402
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Sesame Seeds, Sunflower Seeds, Ground Nut Kernels, Mustard Seeds, Hulled Sesame Seeds, Whitish Sesame Seeds, Black Sesame Seeds, Crushing Quality Sesame Seeds, Rape Seeds	Salmonella	IS 5887(Part-3)
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole, Ground and mix spices, caraway, chilli and capsicum, turmeric, saffron, dehydrated ginger, dehydrated garlic, dehydrated onion, nutmeg, cumin, funnel seeds, mustard, chana puri masala, Pav bhaji masala, cinamon, cassia, cloves, fengreek, asafetida, basil, curry, mint, poppy.	Coliform Count	IS 5401 (Part-1)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole, Ground and mix spices, caraway, chilli and capsicum, turmeric, saffron, dehydrated ginger, dehydrated garlic, dehydrated onion, nutmeg, cumin, funnel seeds, mustard, chana puri masala, Pav bhaji masala, cinamon, cassia, cloves, fengreek, asafetida, basil, curry, mint, poppy.	E.coli	IS 5887 (Part-1)
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole, Ground and mix spices, caraway, chilli and capsicum, turmeric, saffron, dehydrated ginger, dehydrated garlic, dehydrated onion, nutmeg, cumin, funnel seeds, mustard, chana puri masala, Pav bhaji masala, cinamon, cassia, cloves, fengreek, asafetida, basil, curry, mint, poppy.	Salmonella	IS 5887 (Part-3)

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19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole, Ground and mix spices, caraway, chilli and capsicum, turmeric, saffron, dehydrated ginger, dehydrated garlic, dehydrated onion, nutmeg, cumin, funnel seeds, mustard, chana puri masala, Pav bhaji masala, cinamon, cassia, cloves, fengreek, asafetida, basil, curry, mint, poppy.	Shigella	IS 5887 (Part-7)
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole, Ground and mix spices, caraway, chilli and capsicum, turmeric, saffron, dehydrated ginger, dehydrated garlic, dehydrated onion, nutmeg, cumin, funnel seeds, mustard, chana puri masala, Pav bhaji masala, cinamon, cassia, cloves, fengreek, asafetida, basil, curry, mint, poppy.	Total Bacterial Count	IS 5402
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Whole, Ground and mix spices, caraway, chilli and capsicum, turmeric, saffron, dehydrated ginger, dehydrated garlic, dehydrated onion, nutmeg, cumin, funnel seeds, mustard, chana puri masala, Pav bhaji masala, cinamon, cassia, cloves, fengreek, asafetida, basil, curry, mint, poppy.	Yeast and Mould Count	IS 5403
22	BIOLOGICAL- WATER	Drinking Water, Ground Water	Coliform	IS 1622
23	BIOLOGICAL- WATER	Drinking Water, Ground Water	Coliform MPN technique	IS 5401 (Part 2)
24	BIOLOGICAL- WATER	Drinking Water, Ground Water	E.coli	IS 1622
25	BIOLOGICAL- WATER	Drinking Water, Ground Water	E.coli MPN technique	IS 5887 (Part 1) (2009)
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	moisture	FSSAI Manual (Cereal And Cereal Product)
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black tea,Green Tea, Earl Grey, Matcha, Sencha, Oolong Tea, Puerh Tea, White Tea, Herbal Tea,Hibiscus tea,Hibiscus tea, Raw tea (raw instant processed)	Moisture	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products 2012)
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black tea,Green Tea, Earl Grey, Matcha, Sencha, Oolong Tea, Puerh Tea, White Tea, Herbal Tea,Hibiscus tea,Hibiscus tea, Raw tea (raw instant processed) .	Alkalinity of Soluble Ash	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products 2012)
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black tea,Green Tea, Earl Grey, Matcha, Sencha, Oolong Tea, Puerh Tea, White Tea, Herbal Tea,Hibiscus tea,Hibiscus tea, Raw tea (raw instant processed) .	Ash Insoluble in Dilute HCL	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products 2012)

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30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black tea,Green Tea, Earl Grey, Matcha, Sencha, Oolong Tea, Puerh Tea, White Tea, Herbal Tea,Hibiscus tea,Hibiscus tea, Raw tea (raw instant processed) .	crude fiber	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products 2012)
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black tea,Green Tea, Earl Grey, Matcha, Sencha, Oolong Tea, Puerh Tea, White Tea, Herbal Tea,Hibiscus tea,Hibiscus tea, Raw tea (raw instant processed) .	Total Ash	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products 2012)
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black tea,Green Tea, Earl Grey, Matcha, Sencha, Oolong Tea, Puerh Tea, White Tea, Herbal Tea,Hibiscus tea,Hibiscus tea, Raw tea (raw instant processed) .	Water Soluble Ash	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products 2012)
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals Product (Atta, Maida, Suji, Besan, Fortified Atta, Paushtik Atta)	Microscopic Examination / Foreign Starch	FSSAI Manual (Cereal And Cereal Product)
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals Product (Atta, Maida, Suji, Besan, Fortified Atta, Paushtik Atta)	Alcoholic Acidity expressed as H2SO4	FSSAI Manual (Cereal And Cereal Product)
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals Product (Atta, Maida, Suji, Besan, Fortified Atta, Paushtik Atta)	Ash insoluble in dilute HCl	FSSAI Manual (Cereal And Cereal Product)
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals Product (Atta, Maida, Suji, Besan, Fortified Atta, Paushtik Atta)	Crude Fiber	FSSAI Manual (Cereal And Cereal Product)
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals Product (Atta, Maida, Suji, Besan, Fortified Atta, Paushtik Atta)	Fat	IS 4684
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals Product (Atta, Maida, Suji, Besan, Fortified Atta, Paushtik Atta)	Gluten	FSSAI Manual (Cereal And Cereal Product)
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals Product (Atta, Maida, Suji, Besan, Fortified Atta, Paushtik Atta)	Protein	FSSAI Manual (Cereal And Cereal Product):
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cereals Product (Atta, Maida, Suji, Besan, Fortified Atta, Paushtik Atta)	Total Ash	FSSAI Manual (Cereal And Cereal Product)
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Cereal Pulses	Added colouring Matter	FSSAI Manual (Cereal And Cereal Product)

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42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Cereal Pulses	Admixture	FSSAI Manual (Cereal And Cereal Product)
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Cereal Pulses	Damaged Grains	IS 4333 (Part 1)
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Cereal Pulses	Fat	IS 3579
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Cereal Pulses	Foreign Matter / Extraneous Matter	IS 4333 (Part 1)
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Cereal Pulses	Mineral Matter and Inorganic Matter	FSSAI Manual (Cereal And Cereal Product)
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Cereal Pulses	Other Edible Grains	IS 4333 (Part 1)
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Cereal Pulses	Weeviled Grains	IS 4333 (Part 1)
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Cereal Pulses	Whole insects, dead	FSSAI Manual (Cereal And Cereal Product)
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Cereals Pulses	Insect Infestation	FSSAI Manual (Cereal And Cereal Product)
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Food Grains, Cereals pulses	Rodent hair & Excreta	FSSAI Manual (Cereal And Cereal Product)
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products (Sauces, Ketchup, Jam, Jelly, Juices, Beverages, Pulp, Puree)	pH	IS 2860
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products (Sauces, Ketchup, Jam, Jelly, Juices, Beverages, Pulp, Puree)	Added Sugar	FSSAI Manual (Fruit And Vegetable Product)
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products (Sauces, Ketchup, Jam, Jelly, Juices, Beverages, Pulp, Puree)	Reducing Sugar	FSSAI Manual (Fruit And Vegetable Product)
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products (Sauces, Ketchup, Jam, Jelly, Juices, Beverages, Pulp, Puree)	Titrable Acidity	IS 5861

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56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products (Sauces, Ketchup, Jam, Jelly, Juices, Beverages, Pulp, Puree)	Total Soluble Solid (Brix)	IS 5861
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Fruit Products (Sauces, Ketchup, Jam, Jelly, Juices, Beverages, Pulp, Puree)	Total Sugars	FSSAI Manual (Fruit And Vegetable Product)
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey, Honey and Honey Product	Acidity	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products 2012)
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey, Honey and Honey Product	Glucose Fructose ratio	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products 2012)
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey, Honey and Honey Product	Moisture	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products)
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey, Honey and Honey Product	Sucrose	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products 2012)
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey, Honey and Honey Product	Total Ash	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products 2012)
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey, Honey and Honey Product	Total Reducing Sugar	FSSAI manual of methods of analysis of foods , beverages (coffee,tea,coca,chicory,sugar and sugar products & confectionery products 2012)
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt / Edible Common Salt	Alkalinity	IS 7224
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt / Edible Common Salt	Calcium	IS 7224

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66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt / Edible Common Salt	Chloride	IS 7224
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt / Edible Common Salt	Iodine	IS 7224
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt / Edible Common Salt	Magnesium	IS 7224
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt / Edible Common Salt	moisture	IS 7224
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt / Edible Common Salt	Sulphate	IS 7224
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Iodized Salt / Vacuum Evaporated Iodized Salt / Refined Iodized Salt / Edible Common Salt	Water Insoluble Matter	IS 7224
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk & dairy products	R M Value	IS 3508
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Product (Ghee)	B.R at 40 oC / B.R. at 40o C of extracted Fat	IS 3508
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Product (Ghee)	Baudouin Test	IS 3508 (RA 2013)
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Milk Product (Ghee)	Test for Rancidity (Analysis by peroxide value)	FSSAI Manual (Oil And Fats)
76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts & Nut Products Groundnut kernels, Peanut and Peanut product, Nuts Dry fruits	Appearance	IS 3579: 1966
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts & Nut Products Groundnut kernels, Peanut and Peanut product, Nuts Dry fruits	Count of groundnut kernels	FOSFA
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts & Nut Products Groundnut kernels, Peanut and Peanut product, Nuts Dry fruits	Discolour Kernel	IS 3579: 1966
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts & Nut Products Groundnut kernels, Peanut and Peanut product, Nuts Dry fruits	Moisture	IS :3579-1966

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80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts & Nut Products Groundnut kernels, Peanut and Peanut product, Nuts Dry fruits	Oil Content	IS :3579-1966
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts & Nut Products Groundnut kernels, Peanut and Peanut product, Nuts Dry fruits	Other Impurities	IS 3579: 1966
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts & Nut Products Groundnut kernels, Peanut and Peanut product, Nuts Dry fruits	Shriveled kernels	IS 3579: 1966
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts & Nut Products Groundnut kernels, Peanut and Peanut product, Nuts Dry fruits	Split	IS 3579: 1966
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Nuts & Nut Products Groundnut kernels, Peanut and Peanut product, Nuts Dry fruits	Weevilled Damage	IS 3579: 1966
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil (Edible Oils, Sunflower Oil, Rice Bran Oil, Groundnut Oil, Cottonseed Oil, Mustard Oil Sesame Oil, Maize (Corn Oil), Palmolein Oil, Palm Kernal Oil, Blended Oil)	Rancidity (Analysis by peroxide value)	FSSAI Manual (Oil And Fats)
86	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil (Edible Oils, Sunflower Oil, Rice Bran Oil, Groundnut Oil, Cottonseed Oil, Mustard Oil Sesame Oil, Maize (Corn Oil), Palmolein Oil, Palm Kernal Oil, Blended Oil)	Acid value	FSSAI Manual (Oil And Fats)
87	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil (Edible Oils, Sunflower Oil, Rice Bran Oil, Groundnut Oil, Cottonseed Oil, Mustard Oil Sesame Oil, Maize (Corn Oil), Palmolein Oil, Palm Kernal Oil, Blended Oil)	Free fatty acid	FSSAI Manual (Oil And Fats)
88	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil (Edible Oils, Sunflower Oil, Rice Bran Oil, Groundnut Oil, Cottonseed Oil, Mustard Oil Sesame Oil, Maize (Corn Oil), Palmolein Oil, Palm Kernal Oil, Blended Oil)	Moisture &Volatile matter	FSSAI Manual (Oil And Fats)
89	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil (Edible Oils, Sunflower Oil, Rice Bran Oil, Groundnut Oil, Cottonseed Oil, Mustard Oil Sesame Oil, Maize (Corn Oil), Palmolein Oil, Palm Kernal Oil, Blended Oil)	Peroxide value	FSSAI Manual (Oil And Fats)
90	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil (Edible Oils, Sunflower Oil, Rice Bran Oil, Groundnut Oil, Cottonseed Oil, Mustard Oil Sesame Oil, Maize (Corn Oil), Palmolein Oil, Palm Kernal Oil, Blended Oil)	Refractive index at 40 o C	IS 548 (Part 1)
91	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil (Edible Oils, Sunflower Oil, Rice Bran Oil, Groundnut Oil, Cottonseed Oil, Mustard Oil Sesame Oil, Maize (Corn Oil), Palmolein Oil, Palm Kernal Oil, Blended Oil)	Saponification value	FSSAI Manual (Oil And Fats)
92	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil (Edible Oils, Sunflower Oil, Rice Bran Oil, Groundnut Oil, Cottonseed Oil, Mustard Oil Sesame Oil, Maize (Corn Oil), Palmolein Oil, Palm Kernal Oil, Blended Oil)	Unsaponifiable matter	FSSAI Manual (Oil And Fats)
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Oil (Edible Oils, Sunflower Oil, Rice Bran Oil, Groundnut Oil, Cottonseed Oil, Mustard Oil Sesame Oil, Maize (Corn Oil), Palmolein Oil, Palm Kernal Oil, Blended Oil)	Butyro-refractometer reading at 40 o C	IS 548 (Part 1)

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94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Discolored seed	IS 3579: 1966
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	moisture	IS 3579: 1966
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Oil content	IS 3579: 1966
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	other impurity	IS 3579: 1966
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Shrivelled seed	IS 3579: 1966
99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sesame,Soyabean,Groundnut,Sunflower,Niger,Linseed,Rapeseed,Safflower,coconut ball, poppy, safflower, Niger seed, olive	Weevilled damaged seed	IS 3579: 1966
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Alcoholic Soluble extract	FSSAI Manual (Spices And Condiments)
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Ash insoluble in dilute HCl	FSSAI Manual (Spices And Condiments)
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Broken Fruits, seed & Fragments/Split Fruits	ASTA's Analytical methods (Fourth Eddition)
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Crude fibre	FSSAI Manual (Spices And Condiments)
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Damaged / Discoloured Fruits	ASTA's Analytical methods (Fourth Eddition)
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Foreign Starch	IS 7807
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Lead Chromate Test	FSSAI Manual (Spices And Condiments)
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Moisture	FSSAI Manual (Spices And Condiments)

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108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Non Volatile Ether Extract	FSSAI Manual (Spices And Condiments)
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Total Ash	FSSAI Manual (Spices And Condiments)
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Unripe & Marked Fruits	ASTA's Analytical methods (Fourth Eddition)
111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Volatile oil contents	FSSAI Manual (Spices And Condiments)
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Excreta Mammalian	ASTA's Analytical methods (Fourth Eddition)
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Excreta, Other	ASTA's Analytical methods (Fourth Eddition)
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Extraneous (Organic & Inorganic)/ Foreign Matter	ASTA's Analytical methods (Fourth Eddition)
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Insect Infested / Defiled	ASTA's Analytical methods (Fourth Eddition)
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Rodent Hair & Contamination	ASTA's Analytical methods (Fourth Eddition)
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Spices, Condiments (Whole, Powder And Mix Masala) / Dehydrated Onion / Asafoetida / Compound Asafoetida	Whole Insect / Dead	ASTA's Analytical methods (Fourth Eddition)
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Cloud Point	FSSAI Manual (Oil And Fats):
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine value	FSSAI Manual (Oil And Fats):
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Specific gravity	IS 548 (Part 1)
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand	IS 3025 (Part 44) (RA 2014)

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122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	IS 3025 (Part 58) (RA 2017)
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Colour	IS 3025 (Part 04) (RA 2017)
124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	IS 3025 (Part 39) (RA 2014)
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate	IS 3025 (Part 24) (RA 2014)
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphide (as H2S)	IS 3025 (Part 29) (RA 2014)
127	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Suspended Solids	IS 3025 (Part 17) (RA 2014)
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammonical Nitrogen	IS 3025 (Part 34) (RA 2014)
129	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride (as Cl)	IS 3025 (Part 32) (RA 2014)
130	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	IS 3025 (Part 11) (RA 2017)
131	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phenolic Compound	IS 3025 (Part 43) (RA 2014)
132	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	IS 3025 (Part 16) (RA 2014)
133	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Nuts & Nut Products, Groundnut kernels, Peanut and Peanut Products, Nuts & Dry fruits, Peanut Butter, Peanut Based snacks, Chikki	Aflatoxin B1	AOAC 2005.08 (20th edition)
134	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Nuts & Nut Products, Groundnut kernels, Peanut and Peanut Products, Nuts & Dry fruits, Peanut Butter, Peanut Based snacks, Chikki	Aflatoxin B2	AOAC 2005.08 (20th edition)
135	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Nuts & Nut Products, Groundnut kernels, Peanut and Peanut Products, Nuts & Dry fruits, Peanut Butter, Peanut Based snacks, Chikki	Aflatoxin G1	AOAC 2005.08 (20th edition)
136	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Nuts & Nut Products, Groundnut kernels, Peanut and Peanut Products, Nuts & Dry fruits, Peanut Butter, Peanut Based snacks, Chikki	Aflatoxin G2	AOAC 2005.08 (20th edition)
137	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Nuts & Nut Products, Groundnut kernels, Peanut and Peanut Products, Nuts & Dry fruits, Peanut Butter, Peanut Based snacks, Chikki	Total Aflatoxin (B1+B2+ G1+G2)	AOAC 2005.08 (20th edition)
138	CHEMICAL- SOIL AND ROCK	Soil	Electrical Conductivity	IS 14767

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139	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 (Part 26) (RA 2011)
140	CHEMICAL- SOIL AND ROCK	Soil	Total Nitrogen	IS 14684 (RA 2014)
141	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Colour	IS 3025 (Part 4)
142	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
143	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Chemical Oxygen Demand	IS 3025 (Part 58)
144	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Dissolved Oxygen	IS 3025 (Part 38)
145	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	pH	IS 3025 (Part 11)
146	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Phenolic Compounds	IS 3025 (Part 43)
147	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Residual Free Chlorine	IS 3025 (Part 26)
148	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Sulphate	IS 3025 (Part 24)
149	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Sulphide (as H2S)	IS 3025 (Part 29)
150	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Alkalinity	IS 3025 (Part 23)
151	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Calcium (As Ca)	IS 3025 (Part 40)
152	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Chloride (As Cl)	IS 3025 (Part 32)
153	CHEMICAL- WATER	Drinking water, Ground & Surface water	Conductivity	IS 3025 (part 14)
154	CHEMICAL- WATER	Drinking water, Ground & Surface water	Fluoride	IS 3025 (Part 60)
155	CHEMICAL- WATER	Drinking water, Ground & Surface water	Iron	IS 3025 (Part 53)
156	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Magnesium (As Mg)	IS 3025 (Part 46)
157	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Nitrate (As NO3)	IS 3025 (Part 34)
158	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Nitrite (As NO2)	IS 3025 (Part 34)
159	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Odour	IS 3025 (Part 5)
160	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Potassium	IS 3025 (Part 45)
161	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Sodium	IS 3025 (Part 45)
162	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Total Dissolved Solids	IS 3025 (Part 16)
163	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Total Hardness	IS 3025 (Part 21)
164	CHEMICAL- WATER	Drinking Water, Ground & Surface Water	Turbidity	IS 3025 (Part 10)
165	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 (Part 22)
166	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS 3025 (Part 23)
167	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 (Part 32)

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168	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 (Part 11)
169	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS 3025 (Part 24)
170	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	IS 3025 (Part 16)
171	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	IS 3025 (Part 17)
172	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
173	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration	IS 1203
174	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
175	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specif Gravity	IS 1202
176	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
177	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions (Height)	IS 1077
178	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions (Length)	IS 1077
179	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimensions (Width)	IS 1077
180	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 (Part 3)
181	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495 (Part 2)
182	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Aggregate Crushing Value	IS 2386 (Part 4)
183	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
184	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
185	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
186	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
187	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Material Finer than 75 micron	IS 2386 (Part 1)

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188	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Sieve Analysis	IS 2386 (Part 1)
189	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
190	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
191	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive Strength	IS 516
192	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulk Density	IS 2386 (Part 3)
193	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Material Finer Than 75 Micron	IS 2386 (Part 1)
194	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Sieve Analysis	IS 2386 (Part 1)
195	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
196	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
197	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Compressive Strength (672±4)hrs	IS 4031 (Part 6)
198	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Compressive Strength (168±2)hrs	IS 4031 (Part 6)
199	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Compressive Strength (72±1)hrs	IS 4031 (Part 6)
200	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Consistency	IS 4031 (Part 4)
201	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Density	IS 4031 (Part 11)
202	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Final Setting Time	IS 4031 (Part 5)
203	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Fineness by Air Permeability (OPC)	IS 4031 (Part 2)
204	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Initial Setting Time	IS 4031 (Part 5)
205	MECHANICAL- BUILDINGS MATERIALS	Ordinary Portland Cement	Soundness Le-Chatelier	IS 4031 (Part 3)
206	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658

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207	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensions (Height)	IS 15658
208	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensions (Length)	IS 15658
209	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Dimensions (Width)	IS 15658
210	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Flexural Strength	IS 15658
211	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Plan Area	IS 15658
212	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Tensile Splitting Strength	IS 15658
213	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Thickness of Wearing Layer	IS 15658
214	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Abosrption	IS 15658
215	MECHANICAL- BUILDINGS MATERIALS	Paverblocks	Abrasion Resistance	IS 15658
216	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Percent Elongation	IS 1608 (Part -1)
217	MECHANICAL- BUILDINGS MATERIALS	Structural Steel	Ultimate Tensile Strength	IS 1608 (Part -1)
218	MECHANICAL- SOIL AND ROCK	Soil	California Bearing Ratio Test	IS 2720 (Part 16)
219	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Cohesion)	IS 2720 (Part 13)
220	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (phi)	IS 2720 (Part 13)
221	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part 40)
222	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis (Wet Sieving)	IS 2720 (Part 4)
223	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part 8)
224	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part 8)
225	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part 7)

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226	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part 7)
227	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part 5)
228	MECHANICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (Part 2)
229	MECHANICAL- SOIL AND ROCK	Soil	Plastic limit	IS 2720 (Part 5)
230	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part 3)
231	MECHANICAL- SOIL AND ROCK	Soil	Swelling Pressure	IS 2720 (Part 41)
232	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Cohesion)	IS 2720 (Part 11)
233	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Phi)	IS 2720 (Part 11)