National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : RESEARCH & DEVELOPMENT DEPARTMENT, KANAN DEVAN HILLS PLANTATIONS COMPANY PRIVATE LIMITED, MUNNAR, IDUKKI, KERALA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 07/02/2022 to 06/02/2024 **Last Amended on** 18/02/2022

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
Permanent Facility				
1	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Contact Plate Method (Air Bioload)	Total Plate Count by agar plate exposure	Compendium of methods for the microbiological examination of food, 5th Edn., APHA Chapter -3 & ISO 18593 SOP-MB 16, Dt. of Issue: 13.12.2018
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Contact Plate Method (Air Bioload)	Total Plate Count by air sampler	SOP-MB 16, Dt. of Issue: 13.12.2018
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Contact Plate Method (Air Bioload)	Yeast & Mould by Agar plate exposure	Compendium of methods for the microbiological examination of food, 5th Edn., APHA Chapter -3 & ISO 18593 SOP-MB 16, Dt. of Issue: 13.12.2018
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Contact Plate Method (Air Bioload)	Yeast & Mould by air sampler	SOP-MB 16, Dt. of Issue: 13.12.2018
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Microbiological monitoring of ambient air / Surface	E.coli by surface Swab	Compendium of methods for the microbiological examination of food, 5th Edn., APHA Chapter -3 & ISO 18593
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Microbiological Monitoring of ambient air / surface	Total Plate Count by surface Swab	Compendium of method for microbiological examination of food, 5th Edn., APHA chapter-3 & ISO 18593
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Microbiological monitoring of ambient air / surface	Yeast & Mould by surface swab	Compendium of methods for the microbiological examination of food, 5th Edn., APHA Chapter -3 & ISO 18593
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Microbiological monitoring of ambient air/ Surface	Coliforms by surface swab	Compendium of methods for the microbiological examination of food, 5th Edn., APHA Chapter -3 & ISO 18593
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water	Coliforms	IS 1622
10	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water	E.coli	IS 1622

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11	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste Water	Faecal Coliforms	IS 1622
12	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Bacillus cereus	IS: 5887(Part:6)
13	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Bacillus cereus	ISO:7932
14	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Coliforms	IS 5401: (Part:1)
15	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Coliforms	ISO 4832
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Enterobacteriaceae	ISO: 21528(Part:1)
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Enterobacteriaceae	ISO: 21528(Part:2)
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Escherichia coli	IS 5887: (Part:1)
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Escherichia coli	ISO: 16649(Part:2)
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Salmonella	IS: 5887(Part:3)
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Salmonella	ISO: 6579
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Shigella	IS: 5887 (Part:7)
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Staphylococcus aureus	IS: 5887(Part:2)
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Staphylococcus aureus	ISO: 6888(Part:1)

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25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Total Plate Count	IS 5402
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Total plate count	ISO 4833: (Part:1)
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Yeast and Mould	IS 5403
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Yeast and Mould	ISO 21527: (Part:1)
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Bakery & Confectionery	Yeast and Mould	ISO 21527:(Part:2)
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black tea, Green tea, Flavoured tea and Decaffeinated tea	Bacillus cereus	IS: 5887(Part:6)
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavoured Tea and Decaffeinated Tea	Bacillus cereus	ISO:7932
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavoured Tea and Decaffeinated Tea	Coliforms	ISO 4832
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavoured Tea and Decaffeinated Tea	Enterobacteriaceae	ISO: 21528(Part:1)
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavoured Tea and Decaffeinated Tea	Enterobacteriaceae	ISO: 21528(Part:2)
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavoured Tea and Decaffeinated Tea	Salmonella	IS: 5887(Part:3)
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black tea, Green tea, Flavoured tea and Decaffeinated tea	Salmonella	ISO: 6579
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavoured Tea and Decaffeinated Tea	Shigella	IS: 5887 (Part:7)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black tea, Green tea, Flavoured tea and Decaffeinated tea	Staphylococcus aureus	IS: 5887(Part:2)

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39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavoured Tea and Decaffeinated Tea	Staphylococcus aureus	ISO: 6888(Part:1)
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black tea, Green tea, Flavoured tea and Decaffeinated tea	Total Plate Count	ISO 4833 (Part 1)
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavoured Tea and Decaffeinated Tea	Yeast & Mould	ISO 21527 (Part 1)
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Black Tea, Green Tea, Flavoured Tea and Decaffeinated Tea	Yeast and Mould	ISO 21527:(Part:2)
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder	Enterobacteriaceae	ISO: 21528(Part:2)
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Bacillus cereus	IS: 5887(Part:6)
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Bacillus cereus	ISO:7932
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Coliforms	IS 5401 (Part 1)
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Coliforms	ISO 4832
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Enterobacteriaceae	ISO: 21528(Part:1)
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Escherichia coli	IS 5887 (Part 1)
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Escherichia coli	ISO: 16649(Part:2)
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Salmonella	IS: 5887(Part:3)
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Salmonella	ISO: 6579

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53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Shigella	IS: 5887 (Part:7)
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Staphylococcus aureus	IS: 5887(Part:2)
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Staphylococcus aureus	ISO: 6888(Part:1)
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Total Plate Count	IS 5402
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Total Plate Count	ISO 4833 (Part 1)
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Yeast & Mould	IS 5403
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Yeast & Mould	ISO 21527 (Part 1)
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Coffee (roasted, ground, instant & soluble coffee powder)	Yeast and Mould	ISO 21527:(Part:2)
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Bacillus cereus	IS: 5887(Part:6)
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Bacillus cereus	ISO:7932
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Coliforms	IS 5401: (Part:1)
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Coliforms	ISO 4832
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Enterobacteriaceae	ISO: 21528(Part:1)
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Enterobacteriaceae	ISO: 21528(Part:2)

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67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Escherichia coli	IS 5887: (Part:1)
68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Escherichia coli	ISO: 16649(Part:2)
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Salmonella	IS: 5887(Part:3)
70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Salmonella	ISO: 6579
71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Shigella	IS: 5887 (Part:7)
72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Staphylococcus aureus	IS: 5887(Part:2)
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Staphylococcus aureus	ISO: 6888(Part:1)
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Total plate count	IS 5402
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Total plate count	ISO 4833: (Part:1)
76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Yeast and Mould	IS 5403
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Yeast and Mould	ISO 21527: (Part:1)
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Yeast and Mould	ISO 21527:(Part:2)
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Escherichia coli	ISO: 16649(Part:2)
80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Flavoured Tea & Decaffeinated Tea)	Coliforms	IS 5401 (Part 1)

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81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Flavoured Tea & Decaffeinated Tea)	E.coli	IS 5887(Part 1)
82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Flavoured Tea & Decaffeinated Tea)	Total Plate Count	IS 5402
83	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Flavoured Tea & Decaffeinated Tea)	Yeast & Mould	IS 5403
84	BIOLOGICAL- WATER	Drinking Water	Coliforms	IS 1622
85	BIOLOGICAL- WATER	Drinking Water	Coliforms	IS:15185
86	BIOLOGICAL- WATER	Drinking water	Coliforms	IS:15185
87	BIOLOGICAL- WATER	Drinking Water	E.coli	IS 1622
88	BIOLOGICAL- WATER	Drinking Water	E.coli	IS:15185
89	BIOLOGICAL- WATER	Drinking Water	E.coli	IS:15185
90	BIOLOGICAL- WATER	Drinking Water	Faecal coliforms	IS 1622
91	BIOLOGICAL- WATER	Drinking Water	Streptococcus faecalis	IS:1622
92	BIOLOGICAL- WATER	Drinking Water	Total Plate Count	IS 1622
93	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Cakes, Bun, Bread, Cookies, Rusk	Ash insoluble in dil. HCl	IS 12711
94	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Cakes, Bun, Bread, Cookies, Rusk	Carbohydrate (By calculation)	IS 1656
95	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Cakes, Bun, Bread, Cookies, Rusk	Crude Fibre	IS 12711
96	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Cakes, Bun, Bread, Cookies, Rusk	Energy (By Calculation)	SOP/TC-74
97	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Cakes, Bun, Bread, Cookies, Rusk	Moisture	IS 1011
98	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Cakes, Bun, Bread, Cookies, Rusk	Moisture	IS 12711

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99	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Cakes, Bun, Bread, Cookies, Rusk	Total Fat	IS 12711
100	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Cakes, Bun, Bread, Cookies, Rusk	Total Protein	FSSAI Manual on Cereal & Cereals Products (4), 8.7
101	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Cakes, Bun, Bread, Cookies, Rusk	Total Solids	IS 12711
102	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, Cakes, Bun, Bred, Cookies, Rusk	Total Ash	IS 12711
103	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Artificial Coloring Substances	IS 15642 (Part 1)
104	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Carbohydrate (By Calculation)	IS 1656
105	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Energy (by Calculation)	SOP/ TC - 74
106	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Highly Polymerized Substances	SOP/TC-73
107	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Theaflavins	SOP/TC-73
108	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Thearubigins	SOP/TC-73
109	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Total Fat	AOAC 963.15 Chapter 31(31.4.02), 21st Edn., FSSAI Manual of methods of analysis of foods, Beverages Sugar and Sugar products & Confectionary products
110	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Total Liquor Color	SOP/TC-73

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111	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Black Tea	Total Protein	FSSAI Manual of methods of analysis of foods, Beverages Sugar and Sugar products & Confectionary products
112	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom, Cinnamon, Nutmeg, Pepper, Mustard	Extraneous Matter	IS 1797
113	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom, Cinnamon, Nutmeg, Pepper, Mustard, Clove - Whole	Carbohydrate (By Calculation)	IS 1656
114	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom, Cinnamon, Nutmeg, Pepper, Mustard, Clove - Whole	Dead Insects	SOP/TC-79
115	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom, Cinnamon, Nutmeg, Pepper, Mustard, Clove - Whole	Energy (By Calculation)	SOP / TC-74
116	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom, Cinnamon, Nutmeg, Pepper, Mustard, Clove - Whole	Insects Fragments	SOP/TC-80
117	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom, Cinnamon, Nutmeg, Pepper, Mustard, Clove - Whole	Living Insects	SOP/TC-78
118	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom, Cinnamon, Nutmeg, Pepper, Mustard, Clove - Whole	Moulds	SOP/TC-77
119	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom, Cinnamon, Nutmeg, Pepper, Mustard, Clove - Whole	Rodent Contamination	SOP/TC-81
120	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom, Cinnamon, Nutmeg, Pepper, Mustard, Clove - Whole	Total Ash	IS 1797
121	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom, Cinnamon, Nutmeg, Pepper, Mustard, Clove - Whole	Total Fat	AOAC, 950.54 Chapter 43 (43.1.34), 21st Edn.
122	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cardamom, Cinnamon, Nutmeg, Pepper, Mustard, Clove - Whole	Total Protein	FSSAI Manual of Methods of analysis of foods Spices Herbs and Condiments FSSAI 10.029
123	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Caffeine	SOP / TC-75

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124	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Dead Insects	SOP/TC-64
125	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Energy (By Calculation)	SOP/TC-74
126	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Extraneous Matter	SOP/TC-62
127	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Insects Fragments	SOP/TC-65
128	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Living Insects	SOP/TC-63
129	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Moisture	IS 3077
130	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Mould	SOP/TC-66
131	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Rodent Contamination	SOP/TC-67
132	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Total Ash	IS 3077
133	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Total Carbohydrate (By Calculation)	IS 1656
134	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Total Fat	FSSAI Manual of methods of analysis of foods, Beverages Sugar and Sugar products & Confectionary products
135	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coffee (roasted, ground, Instant & Soluble Coffee Powder)	Total Protein	FSSAI Manual of methods of analysis of foods, Beverages Sugar and Sugar products & Confectionary products
136	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Green Tea	Artificial Coloring Substances	IS 15642 (Part 1)

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137	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Green Tea	Carbohydrate	IS 1656
138	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Green Tea	Energy (By Calculation)	SOP/TC-74
139	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Green Tea	Protein	FSSAI Manual of methods of analysis of foods, Beverages Sugar and Sugar products & Confectionary products
140	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Green Tea	Total Fat	AOAC 963.15 Chapter 31(31.4.02), 21st Edn.
141	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey Products	Acidity (expressed as formic acid)	IS 4941
142	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey Products	Ash	IS 4941
143	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey Products	Fructose - Glucose ratio	IS 4941
144	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey Products	Moisture	IS 4941
145	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey Products	Specific gravity	IS 4941
146	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey Products	Sucrose	IS 4941
147	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Honey Products	Total Reducing Sugar	IS 4941
148	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant Tea	Loss in mass at 103°C	IS 13859
149	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Instant Tea	Total Ash	IS 13860

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150	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Added Flavour	SOP No.: TC- 68 Date of issue: 05.12.2018
151	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Caffeine	SOP No.: TC-61 Date of issue: 04.12.2018
152	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Dead Insects	SOP No.:TC- 64 Date of issue: 05.12.2018
153	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Extraneous Matter	SOP No.: TC-62 Date of issue: 05.12.2018
154	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Insects fragments	SOP No.:TC- 65 Date of issue: 05.12.2018
155	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Living Insects	SOP No.: TC- 63 Date of issue: 05.12.2018
156	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Moulds	SOP No.:TC- 66 Date of issue: 05.12.2018
157	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Odour	SOP No.: TC- 69 Date of issue: 05.12.2018
158	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Rodent contamination	SOP No.: TC- 67 Date of issue: 05.12.2018
159	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Total Polyphenols	ISO:14502 (P-1)
160	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Traint & mustiness	SOP No.: TC- 70 Date of issue: 05.12.2018
161	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Acid Insoluble Ash	ISO 1577 / IS 13857
162	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Alkalinity of Water Soluble Ash as KOH	ISO 1578 / IS 13856
163	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Crude fibre	ISO 15598 / IS 16041

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164	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Iron Filings	IS 3633
165	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Loss in mass at 103°C (Moisture meter method)	SOP/TC – 49; (Issue No: 01 Issue Date: 27/06/2017)
166	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Loss in mass at 103°C (Oven method)	IS 13853
167	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Total Ash	ISO 1575 / IS 13854
168	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Total Catechins	SOP/TC – 09; (Issue No.: 01 Issue Date: 09/01/2017)
169	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Water Extract	ISO 9768 / IS 13862
170	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Water Soluble Ash	ISO 1576 / IS 13855
171	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Absorbance	SOP/TC-102, issue dt.01.10.2021
172	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Caffeine	SOP/TC-61; Date of issue: 05.12.2018
173	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	pH	SOP/TC-100; Issue 01.10.2021
174	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Titratable acidity	SOP/TC-101, issue dt. 01.10.2021
175	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Total Catechins	SOP/TC-09(Issue No.: 01 Issue date: 09/01/2017
176	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea (raw, processed, instant)	Total Polyphenols	ISO:14502 (P-1)
177	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	BOD @27. C for 3 days	IS 3025 (Part 44)

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178	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	COD	IS 3025 (Part 58)
179	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity	IS 3025 (Part 14)
180	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil and Grease	IS 3025 (Part 39)
181	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH @ 25.C	IS 3025 (Part 11)
182	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	IS 3025 (Part 45)
183	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	IS 3025 (Part 17)
184	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Anthraquinone	SOP No: PR-14 Date of issue: 10.12.2018
185	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Bifenthrin	SOP No: PR-14 Date of issue: 10.12.2018
186	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Cypermethrin	SOP No: PR-14 Date of issue: 10.12.2018
187	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Deltamethrin	SOP No: PR-14 Date of issue: 10.12.2018
188	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Dicofol	SOP No: PR-14; Issue No:1, Date of issue: 10.12.2018
189	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Ethion	SOP No: PR-14; Issue No:1, Date of issue: 10.12.2018
190	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Fenazaquin	SOP No: PR-14; Issue No:1, Date of issue: 10.12.2018
191	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Fenpropathrin	SOP No: PR-14 Date of issue: 10.12.2018
192	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Hexaconazole	SOP No: PR-14 Date of issue: 10.12.2018
193	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Lambda cyhalothrin	SOP No: PR-14 Date of issue: 10.12.2018
194	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Methyl-chlorpyriphos	SOP No: PR-14 Date of issue: 10.12.2018
195	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Permethrin	SOP No: PR-14 Date of issue: 10.12.2018
196	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Profenophos	SOP No: PR-14 Date of issue: 10.12.2018

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197	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Propargite	SOP No: PR-14; Issue No:1, Date of issue: 10.12.2018
198	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Quinalphos	SOP No: PR-14; Issue No:1, Date of issue: 10.12.2018
199	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Spiromesifen	SOP No: PR-14 Date of issue: 10.12.2018
200	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Tebuconazole	SOP No: PR-14 Date of issue: 10.12.2018
201	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea	Triazophos	SOP No: PR-14 Date of issue: 10.12.2018
202	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Bitertanol	SOP No: PR-14 Date of issue: 10.12.2018
203	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Carfentroazone-ethyl	SOP No: PR-14 Date of issue: 10.12.2018
204	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Chlorpyriphos	SOP No: PR-14 Date of issue: 10.12.2018
205	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Fluvalinate	SOP No: PR-14 Date of issue: 10.12.2018
206	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Oxyfluorfen	SOP No: PR-14 Date of issue: 10.12.2018
207	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Black Tea, green tea, Decaffeinated tea & flavoured tea	Propiconazole	SOP No: PR-14 Date of issue: 10.12.2018
208	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Arsenic	SOP / HM – 44 (Issue No.: 01, Issue date: 25.08.2017)
209	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Cadmium	AOAC 999.11 Chapter 9 (9.1.09) 21st Edn.
210	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Copper	AOAC 999.11 Chapter 9 (9.1.09) 21st Edn.
211	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Lead	AOAC 999.11 Chapter 9 (9.1.09) 21st Edn.
212	CHEMICAL- RESIDUES IN FOOD PRODUCTS	Tea (Black Tea, Green Tea, Decaffeinated Tea & Flavoured Tea)	Zinc	AOAC 999.11 Chapter 9 (9.1.09) 21st Edn.
213	CHEMICAL- WATER	Drinking Water	Alkalinity (P & M) as CaCO3	IS 3025 (Part 23)
214	CHEMICAL- WATER	Drinking Water	Ammoniacal Nitrogen	IS 3025 (Part 34)
215	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
216	CHEMICAL- WATER	Drinking water	Chloride as Cl	IS 3025 (Part 32)
217	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 (Part 14)

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218	CHEMICAL- WATER	Drinking Water	Fluoride as F	IS 3025 (Part 60)
219	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (Part 53)
220	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
221	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS 3025 (Part 34)
222	CHEMICAL- WATER	Drinking Water	Nitrite as NO2	IS 3025 (Part 34)
223	CHEMICAL- WATER	Drinking Water	Odour	IS:3025 (Part 5)-
224	CHEMICAL- WATER	Drinking Water	pH @25.C	IS 3025 (Part 11)
225	CHEMICAL- WATER	Drinking Water	Phosphorous	IS 3025 (part 31)
226	CHEMICAL- WATER	Drinking Water	Residual free chlorine	IS:3025(Part-26)
227	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025 (Part 45)
228	CHEMICAL- WATER	Drinking Water	Sulphate	IS:3025(Part-24)
229	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
230	CHEMICAL- WATER	Drinking Water	Total dissolved solids	IS 3025 (Part 16)
231	CHEMICAL- WATER	Drinking Water	Total hardness as CaCO3	IS 3025 (Part 21)
232	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	IS 3025 (Part 17)
233	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)