National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ATOM TESTING LABORATORY, #B-376, 9TH CROSS, RING ROAD, PEENYA 1ST STAGE, PEENYA INDUSTRIAL ESTATE, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 11/01/2023 to 10/01/2025 **Last Amended on** 31/01/2023

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	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Acid Insoluble ash	IS 2400
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bun	Acid Insoluble Ash	IS 1483
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bun	Total Solid content	IS 1483, IS 8556
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	cakes	Moisture	IS 1011
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk substitutes	Acid Insoluble Ash	IS 14433
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk substitutes	Moisture	IS 16072
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Acid Insoluble Ash	IS 1155
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Alcoholic Acidity	IS 1155
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Crude Fibre	IS 1155
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Gluten	IS 1155
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Mosture	IS 1009
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta	Total Ash	IS 1155
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Moisture	IS 2400

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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Protein	IS 7219
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Besan	Total Ash	IS 2400
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Acid insoluble ash	IS 12711
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Acidity of extracted fat	12711
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Fat	IS 12711
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Moisture	IS 1011
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits	Total Ash	IS 12711
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread	Acid insoluble Ash	IS 12711
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread	Total Solid content	IS 1483
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bun	pH	IS 1483
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	cakes	Acid Insoluble Ash	IS 9712, IS:12711
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	cakes	Acidity of extracted fat	IS 12711
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chilles, Capsicum (Lal Mirchi) Powder and Whole	Acid insoluble Ash	IS 1797
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum (Lal Mirchi)- powder and whole	Moisure	IS 2322, IS 1797

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28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsicum (Lal Mirchi)-powder and whole	Crude Fibre	IS 1797
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsium(Lal Mirchi)-powder and whole	Total Ash	IS 1797
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Chillies, Capsium(Lal Mirchi)-Powder and whole)	Non Voletile ether extract	IS 1797
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander (Whole & Powder)	Acid Insoluble ash	IS 1797
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander (Whole & powder)	Extraneous Matter	IS 1797
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander (Whole & Powder)	Moisture	IS 2443, IS 1797
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander (Whole & Powder)	Total Ash	IS 2443, IS 1797
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coriander (Whole & Powder)	Voletile oil	IS 1797
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin (Whole & Powder)	Acid Insoluble Ash	IS 2447
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin Whole (Whole & Powder)	Crude Fibre	IS 1797
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin Whole (Whole & Powder)	Non Volatile ether extract	IS 1797
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin Whole (Whole & Powder)	Total Ash	IS 1797
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin Whole (Whole & Powder)	Volatile oil	IS 1797
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Cumin Whole(Whole & Powder)	Moisture	IS 1797

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42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk substitutes	Total Ash	IS 14433
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Infant Milk substitutes	Total Milk Protein	IS 14433, IS 7219
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper (Black & White) ((Whole & Powder)	Acid insoluble ash	IS 1797
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper (Black & White)(Whole & Powder)	Moisture	IS 1798, IS 1797
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper (Black & White)(Whole & Powder)	Non Volatile ether extract	IS 1797
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper (Black & White)(Whole & Powder)	Total Ash	IS 1797
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Pepper (Black & White)(Whole & Powder)	Volatile oil	IS 1797
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Moisture	IS 13334 (Part 1), IS 11623
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / Evaporated / Dried Milk Powder	Total Solids(Milk solids & added salts)	IS 13334 (Part 1)
51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed / evaporated/dried Milk Powder	Total Ash	IS 13334 (Part 1), IS 11766
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed/ Evaporated / Dried Milk Powder	Milk Fat	IS 13334(Part 1),11721
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Skimmed/evaporated/dried Milk Powder	Titratable acidity (as Lactic acid)	IS 13334(Part 1),IS 11766
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Boiled Confectionery	Acid Insoluble Ash	IS 6287
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sugar Boiled Confectionery	Sulphated Ash	IS 6287

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56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sweetened Condensed Milk	Fat	IS 1166, IS 11762
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powder & Whole)	Dilute HCl insoluble Ash	IS 1797
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powder & Whole)	Moisture	IS 3576, IS 1797
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Turmeric (Powder & Whole)	Total Ash	IS 1797
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Fat	IS 1165
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Moisture	IS 1165
62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Titratable acidity(as Lactic acid)	IS 11766
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Whole Milk Powder	Total Ash	IS 14542
64	CHEMICAL- WATER	Drinking Water	Total dissolved solids	IS 3025 (Part 16)
65	CHEMICAL- WATER	Drinking Water	Alkalinity	IS 3025 (Part 23)
66	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
67	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part 32)
68	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 : Part 4
69	CHEMICAL- WATER	Drinking Water	Conductivity	IS 3025 (Part 14)
70	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	IS 3025 (Part 46)
71	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (Part 11)
72	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part 24)
73	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 16)
74	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
75	CHEMICAL- WATER	Packaged Drinking water	Alkalinity (as HCO3)	IS 3025 (Part 23)
76	CHEMICAL- WATER	Packaged Drinking water	Chloride (as Cl)	IS 3025 (Part 32)

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77	CHEMICAL- WATER	Packaged Drinking water	Colour	IS 3025 (Part 4)
78	CHEMICAL- WATER	Packaged drinking water	Magnesium (as Mg)	IS 3025 (Part 46)
79	CHEMICAL- WATER	Packaged Drinking water (other than Packaged natural mineral water)	Calcium (as Ca)	IS 3025 (Part 40)
80	CHEMICAL- WATER	Packaged Drinking Water (other than Packaged natural mineral water)	pH Value	IS 3025 (Part 11)
81	CHEMICAL- WATER	Packaged Drinking Water (other than Packaged natural mineral water)	Total dissolved solids	IS 3025 (Part 16)
82	CHEMICAL- WATER	Packaged Drinking Water(other than Packaged natural mineral water)	Sulfate (as SO4)	IS 3025 (Part 24)
83	CHEMICAL- WATER	Packaged Natural Mineral Water	Alkalinity as HCO3	IS 3025 (Part 23)
84	CHEMICAL- WATER	Packaged Natural Mineral Water	Calcium as Ca	IS 3025 (Part 40)
85	CHEMICAL- WATER	Packaged Natural Mineral Water	Chloride as Cl	IS 3025 (Part 32)
86	CHEMICAL- WATER	Packaged natural mineral water	Colour	IS 3025 : Part 4
87	CHEMICAL- WATER	Packaged Natural Mineral Water	Magnesium (as Mg)	IS 3025 (Part 46)
88	CHEMICAL- WATER	Packaged natural mineral water	pH Value	IS 3025 (Part 24)
89	CHEMICAL- WATER	Packaged Natural Mineral Water	Sulfate as SO4	IS 3025 (Part 24)
90	CHEMICAL- WATER	Packaged Natural Mineral Water	Total dissolved solids	IS 3025 (Part 16)
91	CHEMICAL- WATER	Water for Processed Food Industry	Chloride as Cl	IS 3025 (Part 32)
92	CHEMICAL- WATER	Water for Processed Food Industry	Colour	IS 3025 : Part 4
93	CHEMICAL- WATER	Water for Processed Food Industry	Magnesium (as Mg)	IS 3025 (Part 46)
94	CHEMICAL- WATER	Water for Processed Food Industry	pH Value	IS 3025 (Part 11)
95	CHEMICAL- WATER	Water for Processed Food Industry	Sulphate as SO4	IS 3025 (Part 24)
96	CHEMICAL- WATER	Water for Processed Food Industry	Total dissolved solids	IS 3025 (Part 16)
97	CHEMICAL- WATER	Water for Processed Food Industry	Total Hardness as CaCO3	IS 3025 (Part 16)
98	CHEMICAL- WATER	Water for Processed Food Industry	Turbidity	IS 3025 (Part 10)

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.