National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MUEZ-HEST INDIA PVT. LTD. RESEARCH AND DEVELOPMENT CENTRE (SITEL LABORATORY), 93 AND 94 SHIVAN SAI VAJRESHVARI ROAD, VIRAR, PALGHAR, MAHARASHTRA, INDIA

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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	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Acid Insoluble Ash Content	IS 1155-1968, RA 2015, Appendix C, Page No 8-9 / FSSAI Manual of method of analysis of Cereals and Cereal Products, 2016, 8.3, Page No 16
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Alcoholic Acidity	IS 1155-1968, RA 2015, Appendix F, Page No 11-12 / FSSAI Manual of method of analysis of Cereals and Cereal Products, 2016, 8.5, Page No 18
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Gluten Content	IS 1155:1968-(RA 2015): Specification for wheat Atta; Determination of Gluten; Appendix D (table 1, item (iv); page no: 9-10 / FSSAI Manual of method of analysis of Cereals and Cereal Products, 2016, 8.4, Page No 17
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Moisture Content	IS 1155-1968, RA 2015, Appendix A, Page No 7-8 / FSSAI Manual of method of analysis of Cereals and Cereal Products, 2016, 8.1, Page No 13
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Protein Content	MH_SOP_7-2-1-2-FOOD, Issue. 1, Rev. 2, Page No. 24-29
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Ash Content	IS 1155-1968, RA 2015, Appendix B, Page No 8/ FSSAI Manual of method of analysis of Cereals and Cereal Products, 2016, 8.2, Page No 14
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Fat Content	IS 12711-1989, RA 2015, Sr. No 10, Page No 3
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Acid Insoluble Ash Content	IS 12711-1989, RA 2015, Sr. No 7, Page No 2
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Alcoholic Acidity of Extracted Fat	IS 12711-1989, RA 2015, Sr. No 11, Page No 3-4

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10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Moisture Content	IS 12711-1989, RA 2015, Sr. No 5, Page No 1
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Protein Content	MH_SOP_7-2-1-2-FOOD, Issue. 1, Rev. 2, Page No. 24-29
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Reducing Sugar	IS 6287-1985, RA 2015, Sr. No 8, Page No 8-14
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Sucrose Content	IS 6287-1985, RA 2015, Sr. No 9, Page No 8-15
14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Total Ash Content	IS 12711-1989, RA 2015, Sr. No 6, Page No 1-2
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Biscuits, cakes, chips, wafers, pastry, brownie, muffin	Total Fat Content	IS 12711-1989, RA 2015, Sr. No 10, Page No 3
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Acid Insoluble Ash Content	IS 12711-1989, RA 2015, Sr. No 7, Page No 2
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Alcoholic Acidity	IS 12711-1989, RA 2015, Sr. No 14, Page No 5) and FSSAI Manual of method of analysis of Cereals and Cereal Products, 2016, 8.5, Page No 18
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Moisture Content	IS 12711-1989, RA 2015, Sr. No 5, Page No 1
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Protein Content	MH_SOP_7-2-1-2-FOOD, Issue. 1, Rev. 2, Page No. 24-29
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Total Ash content	IS 12711-1989, RA 2015, Sr. No 6, Page No 1-2
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Bread, bun, khari, toast, cookies, rusk	Total Fat Content	IS 12711-1989, RA 2015, Sr. No 10, Page No 3
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Acid Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 7 Page No. 29

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23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Iodine Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 14 Page No. 47
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Peroxide Value	IS 548 (PART 1): 1964 (RA 2020), Sr. No – 20 Page No. 63
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Saponification Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 15 Page No. 47
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Coconut Oil	Unsaponifiable Matter	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 8 Page No. 31
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Acid Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 7 Page No. 29
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Boudoin Test for sesame seed oil detection	IS 548 (PART – II): 1976 (RA 2020), Sr. No – 6 Page No.5
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Detection of Argemone Oil	FSSAI Manual 02, Method 032, page no: 73-74
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Detection of Mineral Oil	IS 548 (PART – II): 1976 (RA 2020), Sr. No – 12 Page No.11
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Detection of Olive Residue (Pomace)	FSSAI manual 02, Method 023, Page no 56
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Detection of Winterized Salad Oil	FSSAI Manual 2, Method 023, Page No 56
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Free Fatty Acids	IS 548 Part I, Sr. No. 7, RA 2020, Page No 29
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Iodine Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 15 Page No. 47
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Moisture Content	IS 548 (PART –1):1964(RA 2020), Sr. No – 05 Page No. 19
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Peroxide Value	IS 548 (PART 1): 1964 (RA 2020), Sr. No – 20 Page No. 63

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37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Refractive index	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 10 Page No. 35
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Saponification Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 15 Page No. 47
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Specific Gravity	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 11 Page No. 39
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Olive Oil	Unsaponifiable Matter	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 8 Page No. 31
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm Oil	Acid Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 7 Page No. 29
42	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm Oil	Detection of Argemone Oil	FSSAI Manual 02, Method 032, Page No: 73-74
43	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm Oil	Free Fatty Acids	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 7 Page No. 29
44	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm Oil	Iodine Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 14 Page No. 47
45	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm Oil	Melting Point	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 9 Page No. 33
46	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm Oil	Moisture Content	IS 548 (PART –1):1964(RA 2020), Sr. No – 05 Page No. 19
47	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm Oil	Peroxide Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 20 Page No. 63
48	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm Oil	Refractive Index	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 10 Page No. 35
49	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm Oil	Saponification Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 15 Page No. 47
50	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm Oil	Specific Gravity	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 11 Page No. 39

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51	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Palm Oil	Unsaponifiable Matter	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 8 Page No. 31
52	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Acid Insoluble Ash	IS 1155-1968, RA 2015, Appendix C, Page No 8-9)/ FSSAI Manual of method of analysis of Cereals and Cereal Products, 2016, 8.3, Page No 16
53	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Alcoholic Acidity	IS 1155-1968, RA 2015, Appendix F, Page No 11-12)/ FSSAI Manual of method of analysis of Cereals and Cereal Products, 2016, 8.5, Page No 18
54	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Moisture Content	FSSAI Manual of methods of cereals and cereal products, 2016, 2.0, Page No 8
55	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Protein Content	MH_SOP_7-2-1-2-FOOD, Issue. 1, Rev. 2, Page No. 24-29
56	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Total Ash Content	IS 1155-1968, RA 2015, Appendix B, Page No 8 / FSSAI Manual of method of analysis of Cereals and Cereal Products, 2016, 8.5, Page No 14
57	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rye, sorghum, Barley, Oats, Corn, Maize, Jawar, Bajra, Millet	Total Fat Content	IS 12711-1989, RA 2015, Sr. No 10, Page No 3
58	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 7 Page No. 29
59	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Allyl Isothiocyanate	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 17 Page No. 56
60	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Baudouin Test for Presence of Sesame oil	IS 548 (PART – II): 1976 (RA 2020), Sr. No – 6 Page No.5
61	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Bellier Turbidity Temperature Test	IS 548(PART II):1976, (RA2020),Sr no.13, Page no.13

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62	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Cloud Point of Oil	FSSAI manual 02, Method 015, Page No:38
63	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Detection of Argemone Oil	FSSAI Manual 02, Method 032, Page No: 73-74
64	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Detection of Castor Oil	IS 548 (PART – II): 1976 (RA 2020), Sr. No – 15 Page No.15
65	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Detection of Hydrocyanic acid	IS 548 (PART – II): 1976 (RA 2020), Sr. No – 11 Page No.10
66	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Detection of Karanja Oil	FSSAI manual 02. Method No.033: Page No: 75-76
67	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Detection of Mineral Oil	IS 548 (PART – II): 1976 (RA 2020), Sr. No – 12 Page No.11
68	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Detection of Oil Soluble Colours	IS 548(PART – 1): 1964 (RA 2020), Sr. No – 19 Page No.02-05
69	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Detection of Tricresyl Phosphate	FSSAI manual 02.; Method No 037B, Page No: 82-83
70	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Detection of Vitamin A	IS 10633:2017ANNEX D [Table 1, Sr. No. (V) (b)], Page No. 12
71	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Detection of Winterized Salad Oil	FSSAI manual 02, Method No 023, Page No 56
72	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Free Fatty Acids	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 7 Page No. 29
73	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Insoluble Impurities	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 6 Page No. 28
74	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 14 Page No. 47
75	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Moisture Content	IS 548 (PART –1):1964(RA 2020), Sr. No – 05 Page No. 19

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76	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Peroxide Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 20 Page No. 63
77	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Rancidity by Kreis Test	FSSAI manual 02.Method No 043: Page No: 93-94
78	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Refractive Index	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 10 Page No. 35
79	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 15 Page No. 47
80	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Specific Gravity	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 11 Page No. 39
81	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Unsaponifiable matter	IS 548 (PART – 1): 1964 (RA 2020), Sr. No – 8 Page No. 31
82	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Moisture Content	IS 1155-1968, RA 2015, Appendix A, Page No 7-8
83	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Protein Content	MH_SOP_7-2-1-2-FOOD, Issue. 1, Rev. 2, Page No. 24-29
84	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Total Ash Content	IS 1155-1968, RA 2015, Appendix B, Page No 8
85	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Total Fat Content	IS 12711-1989, RA 2015, Sr. No 10, Page No 3
86	CHEMICAL- WATER	Ground Water	Determination of Acidity	IS 3025-1986, Part 22, RA 2019, First Revision, Page No 1-2
87	CHEMICAL- WATER	Ground Water	Determination of Calcium	IS 3025-1991, Part 40, RA 2019, First Revision, Page No 1-4
88	CHEMICAL- WATER	Ground Water	Determination of Chlorides	IS 3025-1988, Part 32, RA 2019, First Revision, Page No 1-5
89	CHEMICAL- WATER	Ground Water	Determination of Hardness	IS 3025-2009, Part 21, RA 2019, Second Revision, Page No 1-6

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90	CHEMICAL- WATER	Ground Water	Determination of Magnesium	IS 3025-1994, Part 46, RA 2019, First Revision, Page No 1-5
91	CHEMICAL- WATER	Ground Water	Determination of Odour	IS 3025-2018, Part 5, Second Revision, Page No 1-2
92	CHEMICAL- WATER	Ground Water	Determination of Sulphates	IS 3025-1986, Part 24, RA 2019, First Revision, Page No 1-5
93	CHEMICAL- WATER	Ground Water	Determination of Turbidity	IS 3025-1984, Part 10 RA 2017, First Revision, Page No 1-2
94	CHEMICAL- WATER	Ground Water	pH of Water	IS 3025-1983, Part 11, RA 2012, First Revision, Page No 1-4
95	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025-1986, Part 23, RA 2019, First Revision, Page No 1-2)
96	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025-1984, Part 16, RA 2012, First Revision, Page No 1-2
97	CHEMICAL- WATER	Industrial Water	Determination of Acidity	IS 3025-1986, Part 22, RA 2019, First Revision, Page No 1-2
98	CHEMICAL- WATER	Industrial Water	Determination of Calcium	IS 3025-1991, Part 40, RA 2019, First Revision, Page No 1-4
99	CHEMICAL- WATER	Industrial Water	Determination of Chlorides	IS 3025-1988, Part 32, RA 2019, First Revision, Page No 1-5
100	CHEMICAL- WATER	Industrial Water	Determination of Hardness	IS 3025-2009, Part 21, RA 2019, Second Revision, Page No 1-6
101	CHEMICAL- WATER	Industrial Water	Determination of Magnesium	IS 3025-1994, Part 46, RA 2019, First Revision, Page No 1-5
102	CHEMICAL- WATER	Industrial Water	Determination of Odour	IS 3025-2018, Part 5, Second Revision, Page No 1-2
103	CHEMICAL- WATER	Industrial Water	Determination of Sulphates	IS 3025-1986, Part 24, RA 2019, First Revision, Page No 1-5
104	CHEMICAL- WATER	Industrial Water	Determination of Turbidity	IS 3025-1984, Part 10 RA 2017, First Revision, Page No 1-2

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105	CHEMICAL- WATER	Industrial Water	pH of Water	IS 3025-1983, Part 11, RA 2012, First Revision, Page No 1-4
106	CHEMICAL- WATER	Industrial Water	Total Alkalinity	IS 3025-1986, Part 23, RA 2019, First Revision, Page No 1-2
107	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	IS 3025-1984, Part 16, RA 2012, First Revision, Page No 1-2
108	CHEMICAL- WATER	Packaged Drinking Water	Determination of Acidity	IS 3025-1986, Part 22, RA 2019, First Revision, Page No 1-2
109	CHEMICAL- WATER	Packaged Drinking Water	Determination of Calcium	IS 3025-1991, Part 40, RA 2019, First Revision, Page No 1-4
110	CHEMICAL- WATER	Packaged Drinking Water	Determination of Carbonate and Bicarbonate	IS 3025-2001, Part 51, RA 2017, First Revision, Page No 1-5
111	CHEMICAL- WATER	Packaged Drinking Water	Determination of Chlorides	IS 3025-1988, Part 32, RA 2019, First Revision, Page No 1-5
112	CHEMICAL- WATER	Packaged Drinking Water	Determination of Hardness	IS 3025-2009, Part 21, RA 2019, Second Revision, Page No 1-6
113	CHEMICAL- WATER	Packaged Drinking Water	Determination of Magnesium	IS 3025-1994, Part 46, RA 2019, First Revision, Page No 1-5
114	CHEMICAL- WATER	Packaged Drinking Water	Determination of Odour	IS 3025-2018, Part 5, Second Revision, Page No 1-2
115	CHEMICAL- WATER	Packaged Drinking Water	Determination of Sulphates	IS 3025-1986, Part 24, RA 2019, First Revision, Page No 1-5
116	CHEMICAL- WATER	Packaged Drinking Water	Determination of Turbidity	IS 3025-1984, Part 10 RA 2017, First Revision, Page No 1-2
117	CHEMICAL- WATER	Packaged Drinking Water	pH of Water	IS 3025-1983, Part 11, RA 2012, First Revision, Page No 1-4
118	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	IS 3025-1986, Part 23, RA 2019, First Revision, Page No 1-2

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Validity 17/06/2022 to 16/06/2024 **Last Amended on** -

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
119	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	IS 3025-1984, Part 16, RA 2012, First Revision, Page No 1-2
120	CHEMICAL- WATER	Potable Water	Determination of Acidity	IS 3025-1986, Part 22, RA 2019, First Revision, Page No 1-2
121	CHEMICAL- WATER	Potable Water	Determination of Calcium	IS 3025-1991, Part 40, RA 2019, First Revision, Page No 1-4)
122	CHEMICAL- WATER	Potable Water	Determination of Carbonate and Bicarbonate	IS 3025-2001, Part 51, RA 2017, First Revision, Page No 1-5
123	CHEMICAL- WATER	Potable Water	Determination of Chlorides	IS 3025-1988, Part 32, RA 2019, First Revision, Page No 1-5
124	CHEMICAL- WATER	Potable Water	Determination of Hardness	IS 3025-2009, Part 21, RA 2019, Second Revision, Page No 1-6
125	CHEMICAL- WATER	Potable Water	Determination of Magnesium	IS 3025-1994, Part 46, RA 2019, First Revision, Page No 1-5
126	CHEMICAL- WATER	Potable Water	Determination of Odour	IS 3025-2018, Part 5, Second Revision, Page No 1-2
127	CHEMICAL- WATER	Potable Water	Determination of Sulphates	IS 3025-1986, Part 24, RA 2019, First Revision, Page No 1-5
128	CHEMICAL- WATER	Potable Water	Determination of Turbidity	IS 3025-1984, Part 10 RA 2017, First Revision, Page No 1-2
129	CHEMICAL- WATER	Potable Water	pH of water	IS 3025-1983, Part 11, RA 2012, First Revision, Page No 1-4
130	CHEMICAL- WATER	Potable Water	Total Alkalinity	IS 3025-1986, Part 23, RA 2019, First Revision, Page No 1-2
131	CHEMICAL- WATER	Potable Water	Total Dissolved Solids	IS 3025-1984, Part 16, RA 2012, First Revision, Page No 1-2
132	CHEMICAL- WATER	Surface Water	Determination of Acidity	IS 3025-1986, Part 22, RA 2019, First Revision, Page No 1-2

SCOPE OF ACCREDITATION

Laboratory Name : MUEZ-HEST INDIA PVT. LTD. RESEARCH AND DEVELOPMENT CENTRE (SITEL LABORATORY), 93 AND 94 SHIVAN SAI VAJRESHVARI ROAD, VIRAR, PALGHAR, MAHARASHTRA, INDIA

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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
133	CHEMICAL- WATER	Surface Water	Determination of Calcium	IS 3025-1991, Part 40, RA 2019, First Revision, Page No 1-4
134	CHEMICAL- WATER	Surface Water	Determination of Chlorides	IS 3025-1988, Part 32, RA 2019, First Revision, Page No 1-5
135	CHEMICAL- WATER	Surface Water	Determination of Hardness	IS 3025-2009, Part 21, RA 2019, Second Revision, Page No 1-6
136	CHEMICAL- WATER	Surface Water	Determination of Magnesium	IS 3025-1994, Part 46, RA 2019, First Revision, Page No 1-5
137	CHEMICAL- WATER	Surface Water	Determination of Sulphates	IS 3025-1986, Part 24, RA 2019, First Revision, Page No 1-5
138	CHEMICAL- WATER	Surface Water	Determination of Turbidity	IS 3025-1984, Part 10 RA 2017, First Revision, Page 1-2
139	CHEMICAL- WATER	Surface Water	pH of Water	IS 3025-1983, Part 11, RA 2012, First Revision, Page No 1-4
140	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025-1986, Part 23, RA 2019, First Revision, Page No 1-2)
141	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025-1984, Part 16, RA 2012, First Revision, Page No 1-2
142	CHEMICAL- WATER	Water for construction purpose	Determination of Acidity	IS 3025-1986, Part 22, RA 2019, First Revision, Page No 1-2
143	CHEMICAL- WATER	Water for construction purpose	Determination of Chlorides	IS 3025-1988, Part 32, RA 2019, First Revision, Page No 1-5
144	CHEMICAL- WATER	Water for construction purpose	Determination of Sulphates	IS 3025-1986, Part 24, RA 2019, First Revision, Page No 1-5
145	CHEMICAL- WATER	Water for construction purpose	pH of Water	IS 3025-1983, Part 11, RA 2012, First Revision, Page No 1-4
146	CHEMICAL- WATER	Water for construction purpose	Total Alkalinity	IS 3025-1986, Part 23, RA 2019, First Revision, Page No 1-2

SCOPE OF ACCREDITATION

Laboratory Name :	MUEZ-HEST INDIA PVT. LTD. RESEARCH AND DEVELOPMENT CENTRE (SITEL LABORATORY), 93 AND 94 SHIVAN SAI VAJRESHVARI ROAD, VIRAR, PALGHAR, MAHARASHTRA, INDIA		
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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
147	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	IS 3025-1984, Part 16, RA 2012, First Revision, Page No 1-2
148	CHEMICAL- WATER	Water for Swimming Pool	Determination of Chlorides	IS 3025-1988, Part 32, RA 2019, First Revision, Page No 1-5
149	CHEMICAL- WATER	Water for Swimming Pool	Determination of Odour	IS 3025-2018, Part 5, Second Revision, Page No 1-2
150	CHEMICAL- WATER	Water for Swimming Pool	Determination of Turbidity	IS 3025-1984, Part 10 RA 2017, First Revision, Page No 1-2
151	CHEMICAL- WATER	Water for Swimming Pool	pH of Water	IS 3025-1983, Part 11, RA 2012, First Revision, Page No 1-4
152	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity	IS 3025-1986, Part 23, RA 2019, First Revision, Page No 1-2
153	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	IS 3025-1984, Part 16, RA 2012, First Revision, Page No 1-2
154	CHEMICAL- WATER	Water from Water Purifiers	Determination of Chlorides	IS 3025-1988, Part 32, RA 2019, First Revision, Page No 1-5
155	CHEMICAL- WATER	Water from Water Purifiers	Determination of Hardness	IS 3025-2009, Part 21, RA 2019, Second Revision, Page No 1-6
156	CHEMICAL- WATER	Water from Water Purifiers	Determination of Turbidity	IS 3025-1984, Part 10 RA 2017, First Revision, Page No 1-2
157	CHEMICAL- WATER	Water from Water Purifiers	pH of Water	IS 3025-1983, Part 11, RA 2012, First Revision, Page No 1-4
158	CHEMICAL- WATER	Water from Water Purifiers	Total Alkalinity	IS 3025-1986, Part 23, RA 2019, First Revision, Page No 1-2)
159	CHEMICAL- WATER	Water from Water Purifiers	Total Dissolved Solids	IS 3025-1984, Part 16, RA 2012, First Revision, Page No 1-2

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.