National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JM BIOTECH (P) LTD. (LABORATORY), P.S. RAINA, VILL. MANSADANGA, P.O. AMILA, BARDDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7862 **Page No** 1 of 6

Validity 22/12/2022 to 21/12/2024 **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
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	JMB/SOP/09
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Fine Particulate Matter (PM 2.5)	USEPA 40 CFR Part 50 Appendix L
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen (NOx)	IS 5182 (Part 6)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Respirable Suspended Particulate Matter (PM 10)	IS 5182 (Part- 23)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur dioxide	IS 5182 (Part 2)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Suspended Particulate Matter (SPM)	IS 5182 (Part 4)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Level	Ambient Noise	IS 9989
8	CHEMICAL- ATMOSPHERIC POLLUTION	Flue Gas	Carbon dioxide	IS 13270
9	CHEMICAL- ATMOSPHERIC POLLUTION	Flue Gas	Carbon Monoxide	IS 13270
10	CHEMICAL- ATMOSPHERIC POLLUTION	Flue Gas	Oxides of Nitrogen (NOx)	IS 11255 (Part 7)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Flue Gas	Oxygen	IS 13270
12	CHEMICAL- ATMOSPHERIC POLLUTION	Flue Gas	Particulate Matter	IS 11255 (Part 1)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Flue Gas	Sulphur dioxide	IS 11255 (Part 2)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Flue Gas	Temperature	IS 11255 (Part 3)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Work Place Noise	Work Place Noise	IS 4758
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Acid Insoluble Ash	IS 1010
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Carbohydrate	IS 1656

SCOPE OF ACCREDITATION

Laboratory Name : JM BIOTECH (P) LTD. (LABORATORY), P.S. RAINA, VILL. MANSADANGA, P.O. AMILA, BARDDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7862 **Page No** 2 of 6

Validity 22/12/2022 to 21/12/2024 **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
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Crude Fibre	IS 1010
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Description	JMB/LAB/SOP/13/A, Issue No. 01, Issue Date: 20.08.
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Energy	IS 8220
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Moisture	IS 1010
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Ash	IS 1010
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Fat	IS 4684
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Atta, Maida, Suji, Rawa, corn flour, custard powder	Total Protein	IS 7219
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice Bran	Free Fatty Acid	IS 4684
26	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice Bran	Moisture	IS 4684
27	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Rice Bran	Total Fat	IS 4684
28	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Acid Insoluble Ash	IS 13857
29	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Alkalinity of Water Soluble Ash as KOH (On dry basis)	IS 13856
30	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Crude Fibre (On dry basis)	IS 10226 (Part 1)
31	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Loss in Mass (Moisture)	IS 13853

SCOPE OF ACCREDITATION

Laboratory Name : JM BIOTECH (P) LTD. (LABORATORY), P.S. RAINA, VILL. MANSADANGA, P.O. AMILA, BARDDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7862 **Page No** 3 of 6

Validity 22/12/2022 to 21/12/2024 **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
32	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Total ash (On dry basis)	IS 13854
33	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Water Extract (On dry basis)	IS 13862
34	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Water Soluble Ash	IS 13855
35	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Tea	Water Soluble Ash of Total Ash	IS 13855
36	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Acid Value	IS 548 (Part 1)
37	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Iodine Value	IS 548 (Part 1)
38	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Moisture	IS 548 (Part 1)
39	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Peroxide Value	IS 548 (Part 1)
40	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Saponification Value	IS 548 (Part 1)
41	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Vegetable Oils	Unsaponifiable Matter	IS 548 (Part 1)
42	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Bulk Density	ASTM D 7481-18
43	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Carbon as C	JMB/LAB/SOP/04, Issue no. 01, Issue date 01.09.
44	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis above 0.5 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019
45	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis above 2 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019
46	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis below 0.063 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019

SCOPE OF ACCREDITATION

Laboratory Name : JM BIOTECH (P) LTD. (LABORATORY), P.S. RAINA, VILL. MANSADANGA, P.O. AMILA, BARDDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7862 **Page No** 4 of 6

Validity 22/12/2022 to 21/12/2024 **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
47	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis below 0.1 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019
48	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis below 0.5 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019
49	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis between 0.125 mm to 0.063 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019
50	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis between 0.5 mm to 0.1 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019
51	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis between 0.5 mm to 0.125 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019
52	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis between 2 mm to 0.5 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019
53	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis between 2.0 mm to 4.0 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019
54	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis between 4.0 mm to 6.0 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019
55	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Sieve Analysis between 8.0 mm to 6.0 mm	SOP-QMS: 5.4/04 Issue No.:01 Issue Date: 04.04.2019
56	CHEMICAL- ORES & MINERALS	Rice Husk Ash	Silica as SiO2	IS 1727
57	CHEMICAL- ORES & MINERALS	Rice Husk Ash (Powder Flake/Pellets-Nodular)	Loss on Ignition	SOP-QMS: 5.4/02 Issue No.:02 Issue Date: 16.07.2018
58	CHEMICAL- ORES & MINERALS	Rice Husk Ash (Powder Flake/Pellets-Nodular)	Moisture	SOP-QMS: 5.4/01Issue No.:02 Issue Date: 16.07.2018
59	CHEMICAL- ORES & MINERALS	Rice Husk Ash (Powder Flake/Pellets-Nodular)	Sieve analysis of powder/flake only	SOP-QMS: 5.4/03 Issue No.:02 Issue Date: 16.07.2018
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Ammoniacal Nitrogen	IS 3025 (Part 34)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Biochechemical Oxygen Demand (BOD)	IS 3025 (Part 44)
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Dissolved Oxygen	IS 3025 (Part 38)
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Hexavalent Chromium as Cr	APHA 23rd Edition 3500 Cr B
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Oil and Grease	APHA 23rd Edition 5520 D

SCOPE OF ACCREDITATION

Laboratory Name : JM BIOTECH (P) LTD. (LABORATORY), P.S. RAINA, VILL. MANSADANGA, P.O. AMILA, BARDDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7862 **Page No** 5 of 6

Validity 22/12/2022 to 21/12/2024 **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
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	pH at 25 degree C	APHA 23rd Edition 4500 H+ B
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	pH at 25 degree C	IS 3025 (Part 11)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Phenolic Compound	IS 3025 (Part 43)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Phosphorous	APHA 23rd Edition 4500 P.D
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Sulphides	APHA 23rd Edition 4500-S2-F
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Total Dissolved Solids	IS 3025 (Part 16)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Total Kjeldahl Nitrogen	IS 3025 (Part 34)
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Total Residual Chlorine	IS 3025 (Part 26)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water/Effluents/Sewage	Total Suspended Solid	APHA 23rd Edition 2540 D
75	CHEMICAL- SOLID FUELS	Coal/Coke/Biomass	Ash Content	IS 1350 (Part 1)
76	CHEMICAL- SOLID FUELS	Coal/Coke/Biomass	Fixed Carbon	IS 1350 (Part 1)
77	CHEMICAL- SOLID FUELS	Coal/Coke/Biomass	Gross Calorific Value	IS 1350 (Part 2)
78	CHEMICAL- SOLID FUELS	Coal/Coke/Biomass	Moisture Equilibrated @60% Relative Humidity and 40 degree C	IS 1350 (Part 1)
79	CHEMICAL- SOLID FUELS	Coal/Coke/Biomass	Sulphur S	IS 1350 (Part 3)
80	CHEMICAL- SOLID FUELS	Coal/Coke/Biomass	Volatile Matter	IS 1350 (Part 1)
81	CHEMICAL- WATER	Drinking Water	Alkalinity as CaCO3	APHA 23rd Edition 2320 B
82	CHEMICAL- WATER	Drinking Water	Alkalinity as CaCO3	IS 3025 (Part 23)
83	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 23rd Edition 3500 Ca-B
84	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
85	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 23rd Edition 4500 Cl B
86	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part 32)
87	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA 23rd Edition 3500-Fe B
88	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (Part 53)
89	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Edition 3500-Mg B

SCOPE OF ACCREDITATION

Laboratory Name : JM BIOTECH (P) LTD. (LABORATORY), P.S. RAINA, VILL. MANSADANGA, P.O. AMILA, BARDDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7862 **Page No** 6 of 6

Validity 22/12/2022 to 21/12/2024 **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
90	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
91	CHEMICAL- WATER	Drinking Water	pH at 25 degree C	APHA 23rd Edition 4500H+ B
92	CHEMICAL- WATER	Drinking Water	pH at 25 degree C	IS 3025 (Part 11)
93	CHEMICAL- WATER	Drinking Water	Silica as SiO2	APHA 23rd Edition 4500 SiO2 D
94	CHEMICAL- WATER	Drinking Water	Silica as SiO2	IS 3025 (Part 35)
95	CHEMICAL- WATER	Drinking Water	Specific Conductivity	APHA (23rd Edition) 2510 B
96	CHEMICAL- WATER	Drinking Water	Specific Conductivity	IS 3025 (Part 14)
97	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA 23rd Edition 4500-SO4 E
98	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part 24)
99	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
100	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
101	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 23rd Edition 2340 C
102	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21)
103	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition 2130 B
104	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
105	CHEMICAL- WATER	Reagent Grade Water	Permanganate Value	IS 1070 (Annex A)
106	CHEMICAL- WATER	Reagent Grade Water	pH at 25 degree C	APHA 23rd Edition 4500H+ B
107	CHEMICAL- WATER	Reagent Grade Water	Silica as SiO2	APHA 23 Edition 4500 SiO2 D
108	CHEMICAL- WATER	Reagent Grade Water	Specific Conductivity	APHA 23rd Edition 2510 B
109	CHEMICAL- WATER	Reagent Grade Water	Total Solids	IS 3025 (Part 15)