National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : FERTILIZER CONTROL LABORATORY AMRAVATI, KRISHI SANKUL TAPOVAN ROAD, AMRAVATI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/07/2022 to 25/07/2024 **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- FERTILIZERS	100% Water Soluble Complex Fertilisers	Ammoniacal Nitrogen	FCO Schedule II Part B-3 (vii) (viii)
2	CHEMICAL- FERTILIZERS	100% Water Soluble Complex Fertilisers	Magnesium (as MgO)	FCO Schedule II Part B- 7 (vi)
3	CHEMICAL- FERTILIZERS	100% Water Soluble Complex Fertilisers	Matter Insoluble in Water	FCO Schedule II Part B-8 (vii)
4	CHEMICAL- FERTILIZERS	100% Water Soluble Complex Fertilisers	Moisture	FCO Schedule II Part B-2 (ii)
5	CHEMICAL- FERTILIZERS	100% Water Soluble Complex Fertilisers	Nitrate Nitrogen	FCO Schedule II Part B-3 (viii)
6	CHEMICAL- FERTILIZERS	100% Water Soluble Complex Fertilisers	Sulphur (as S)	FCO Schedule II Part B-24 (A) (a)
7	CHEMICAL- FERTILIZERS	100% Water Soluble Complex Fertilisers	Total Nitrogen	FCO Schedule II Part B-3 (v)
8	CHEMICAL- FERTILIZERS	100% Water Soluble Complex Fertilisers	Water Soluble Calcium	FCO Schedule II Part B-21 (A)
9	CHEMICAL- FERTILIZERS	100% Water Soluble Complex Fertilisers	Water Soluble K2O	FCO Schedule II Part B-5 (ii)
10	CHEMICAL- FERTILIZERS	100% Water Soluble Complex Fertilisers	Water Soluble P2O5	FCO Schedule II Part B-4 (iii)
11	CHEMICAL- FERTILIZERS	Ammonium Sulphate (20.6%)	Ammonical Nitrogen	FCO Schedule II Part B-3 (vii)
12	CHEMICAL- FERTILIZERS	Ammonium Sulphate (20.6%)	Free Acidity	FCO Schedule II Part B-3 (xiii)
13	CHEMICAL- FERTILIZERS	Ammonium Sulphate (20.6%)	Moisture	FCO Schedule II Part B-2 (i) (c)
14	CHEMICAL- FERTILIZERS	Ammonium Sulphate (20.6%)	Sulphur (as S)	FCO Schedule II Part B-24 (A) (a)
15	CHEMICAL- FERTILIZERS	Borax (Sodium Tetraborate) (Na2B4O7.10H2O)	Boron as B	FCO Schedule II Part B-11 (ii) B
16	CHEMICAL- FERTILIZERS	Borax (Sodium Tetraborate) (Na2B4O7.10H2O)	Matter Insoluble in Water	FCO Schedule II Part B-11 (iii)
17	CHEMICAL- FERTILIZERS	Borax (Sodium Tetraborate) (Na2B4O7.10H2O)	pH	FCO Schedule II Part B-11(iv)
18	CHEMICAL- FERTILIZERS	Boric Acid (H3BO3)	Boron as B	FCO Schedule II Part B-11 (ii) (B)
19	CHEMICAL- FERTILIZERS	Boric Acid (H3BO3)	Matter Insoluble in Water	FCO Schedule II Part B-11 (iii)
20	CHEMICAL- FERTILIZERS	Copper Sulphate (CuSO4.5H2O)	Copper as Cu	FCO Schedule II Part B-12 (ii) A
21	CHEMICAL- FERTILIZERS	Copper Sulphate (CuSO4.5H2O)	Matter Insoluble in Water	FCO Schedule II Part B-12 (v)
22	CHEMICAL- FERTILIZERS	Copper Sulphate (CuSO4.5H2O)	pH	FCO Schedule II Part B-12 (vi)
23	CHEMICAL- FERTILIZERS	Copper Sulphate (CuSO4.5H2O)	Sulphur as S	FCO Schedule II Part B-24 (A) (a)
24	CHEMICAL- FERTILIZERS	Di-Sodium Octa Borate Tetra Hydrate (Na2B8O13.4H2O)	Boron as B	FCO Schedule II Part B-11 (B)
25	CHEMICAL- FERTILIZERS	Di-Sodium Octa Borate Tetra Hydrate (Na2B8O13.4H2O)	Matter Insoluble in Water	FCO Schedule II Part B-11 (iii)
26	CHEMICAL- FERTILIZERS	Di-Sodium Tetra Borate Penta Hydrate	Boron as B	FCO Schedule II Part B-11 (B)

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27	CHEMICAL- FERTILIZERS	Di-Sodium Tetra Borate Penta Hydrate	Matter Insoluble in Water	FCO Schedule II Part B-11 (B)
28	CHEMICAL- FERTILIZERS	Ferrous Sulphate (FeSO4.7H2O)	Ferrous Iron as Fe	FCO Schedule II Part B-13 (iii) B
29	CHEMICAL- FERTILIZERS	Ferrous Sulphate (FeSO4.7H2O)	Matter Insoluble in Water	FCO Schedule II Part B-8 (vii)
30	CHEMICAL- FERTILIZERS	Ferrous Sulphate (FeSO4.7H2O)	pH	FCO Schedule II Part B-13 (v)
31	CHEMICAL- FERTILIZERS	Ferrous Sulphate (FeSO4.7H2O)	Sulphur as S	FCO Schedule II Part B-24 (A) (a)
32	CHEMICAL- FERTILIZERS	Magnesium Sulphate	Magnesium as Mg	FCO Schedule II Part B-19 (ii) (A & B)
33	CHEMICAL- FERTILIZERS	Magnesium Sulphate	Matter Insoluble in Water	FCO Schedule II Part B-8 (vii)
34	CHEMICAL- FERTILIZERS	Magnesium Sulphate	pH	FCO Schedule II Part B-8 (vi)
35	CHEMICAL- FERTILIZERS	Magnesium Sulphate	Sulphur as S	FCO Schedule II Part B-24 (A) (a)
36	CHEMICAL- FERTILIZERS	Manganese Sulphate	Manganese as Mn	FCO Schedule II Part B-9 (ii)
37	CHEMICAL- FERTILIZERS	Manganese Sulphate	Matter insoluble in water	FCO 1985, Schedule II Part B-7 (ii)
38	CHEMICAL- FERTILIZERS	Manganese Sulphate	pH	FCO Schedule II Part B-8 (vi)
39	CHEMICAL- FERTILIZERS	Manganese Sulphate	Sulphur as S	FCO Schedule II Part B-24 (A) (a)
40	CHEMICAL- FERTILIZERS	Mixtures of Micronutrient Fertilisers	Boron as B	FCO Schedule II Part B-23
41	CHEMICAL- FERTILIZERS	Mixtures of Micronutrient Fertilisers	Copper as Cu	FCO Schedule II Part B-22 (A)
42	CHEMICAL- FERTILIZERS	Mixtures of Micronutrient Fertilisers	Iron as Fe	FCO Schedule II Part B-22 (A)
43	CHEMICAL- FERTILIZERS	Mixtures of Micronutrient Fertilisers	Manganese as Mn	FCO Schedule II Part B-22 (A)
44	CHEMICAL- FERTILIZERS	Mixtures of Micronutrient Fertilisers	Molybdenum as Mo	FCO Schedule II Part B-22 (A)
45	CHEMICAL- FERTILIZERS	Mixtures of Micronutrient Fertilisers	Zinc as Zn	FCO Schedule II Part B-22 (A)
46	CHEMICAL- FERTILIZERS	Nitrogen, Phosphate, Potash (NPK) Fertiliser Granulated Mixtures	Neutral Ammonium Citrate Soluble P2O5	FCO Schedule II Part B-4 (ii, iv &v)
47	CHEMICAL- FERTILIZERS	Nitrogen, Phosphate, Potash (NPK) Fertiliser Granulated Mixtures	Particle Size (5.6 mm & 1.0 mm IS Sieve)	FCO Schedule II Part B-20
48	CHEMICAL- FERTILIZERS	Nitrogen, Phosphate, Potash (NPK) Fertiliser Granulated Mixtures	Total Nitrogen	FCO Schedule II Part B-3 (iv)
49	CHEMICAL- FERTILIZERS	Nitrogen, Phosphate, Potash (NPK) Fertiliser Granulated Mixtures	Total P2O5	FCO Schedule II Part B-4 (ii)
50	CHEMICAL- FERTILIZERS	Nitrogen, Phosphate, Potash (NPK) Fertiliser Granulated Mixtures	Water Soluble K2O	FCO Schedule II Part B-5 (ii)

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51	CHEMICAL- FERTILIZERS	Nitrogen, Phosphate, Potash (NPK) Fertiliser Granulated Mixtures	Water Soluble P2O5	FCO Schedule II Part B-4 (iii)
52	CHEMICAL- FERTILIZERS	NP (Nitrogen & Phosphate) Complex Fertilisers	Ammonical Nitrogen	FCO Schedule II Part B-3 (vii)
53	CHEMICAL- FERTILIZERS	NP (Nitrogen & Phosphate) Complex Fertilisers	Moisture	FCO Schedule II Part B-2 (ii)
54	CHEMICAL- FERTILIZERS	NP (Nitrogen & Phosphate) Complex Fertilisers	Neutral Ammonium Citrate Soluble P2O5	FCO Schedule II Part B-4 (ii, iv, v)
55	CHEMICAL- FERTILIZERS	NP (Nitrogen & Phosphate) Complex Fertilisers	Nitrate Nitrogen	FCO Schedule II Part B-3 (vii)
56	CHEMICAL- FERTILIZERS	NP (Nitrogen & Phosphate) Complex Fertilisers	Particle Size (IS Sieve: 4.0 mm & 1.0 mm)	FCO Schedule II Part B-20
57	CHEMICAL- FERTILIZERS	NP (Nitrogen & Phosphate) Complex Fertilisers	Sulphur (as S)	FCO Schedule II Part B-24 (A) (a)
58	CHEMICAL- FERTILIZERS	NP (Nitrogen & Phosphate) Complex Fertilisers	Total Nitrogen	FCO Schedule II Part B-3 (iv) & (v)
59	CHEMICAL- FERTILIZERS	NP (Nitrogen & Phosphate) Complex Fertilisers	Total P2O5	FCO Schedule II Part B-4 (ii)
60	CHEMICAL- FERTILIZERS	NP (Nitrogen & Phosphate) Complex Fertilisers	Urea Nitrogen	FCO Schedule II Part B-3 (xi)
61	CHEMICAL- FERTILIZERS	NP (Nitrogen & Phosphate) Complex Fertilisers	Water Soluble P2O5	FCO Schedule II Part B-4 (iii)
62	CHEMICAL- FERTILIZERS	NPK (Nitrogen, Phosphate & Potash) Complex Fertilisers and Fortified Fertilisers	Ammonical Nitrogen	FCO Schedule II Part B-3 (vii)
63	CHEMICAL- FERTILIZERS	NPK (Nitrogen, Phosphate & Potash) Complex Fertilisers and Fortified Fertilisers	Moisture	FCO Schedule II Part B-2 (ii)
64	CHEMICAL- FERTILIZERS	NPK (Nitrogen, Phosphate & Potash) Complex Fertilisers and Fortified Fertilisers	Neutral Ammonium Citrate Soluble P2O5	FCO Schedule II Part B-4 (ii, iv & v)
65	CHEMICAL- FERTILIZERS	NPK (Nitrogen, Phosphate & Potash) Complex Fertilisers and Fortified Fertilisers	Nitrate Nitrogen	FCO Schedule II Part B-3 (ix)
66	CHEMICAL- FERTILIZERS	NPK (Nitrogen, Phosphate & Potash) Complex Fertilisers and Fortified Fertilisers	Particle Size (IS Sieve: 4.0 mm & 1.0 mm)	FCO Schedule II Part B-20
67	CHEMICAL- FERTILIZERS	NPK (Nitrogen, Phosphate & Potash) Complex Fertilisers and Fortified Fertilisers	Sulphur (as S)	FCO Schedule II Part B-24 (A) (a)
68	CHEMICAL- FERTILIZERS	NPK (Nitrogen, Phosphate & Potash) Complex Fertilisers and Fortified Fertilisers	Total Nitrogen	FCO Schedule II Part B-3 (v)
69	CHEMICAL- FERTILIZERS	NPK (Nitrogen, Phosphate & Potash) Complex Fertilisers and Fortified Fertilisers	Urea Nitrogen	FCO Schedule II Part B-3 (xi)
70	CHEMICAL- FERTILIZERS	NPK (Nitrogen, Phosphate & Potash) Complex Fertilisers and Fortified Fertilisers	Water Soluble P2O5	FCO Schedule II Part B-4 (iii)
71	CHEMICAL- FERTILIZERS	NPK (Nitrogen, Phosphate & Potash) Complex Fertilisers and Fortified Fertilisers	Water Soluble Potash as K2O	FCO Schedule II Part B-5 (ii)

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72	CHEMICAL- FERTILIZERS	NPK (Nitrogen, Phosphate & Potash) Complex Fertilisers and Fortified Fertilisers	Zinc as Zn	FCO Schedule II Part B- 22 A
73	CHEMICAL- FERTILIZERS	Potassium Chloride (MOP)	Moisture	FCO Schedule II Part B-2 (i)
74	CHEMICAL- FERTILIZERS	Potassium Chloride (MOP)	Particle Size (IS Sieve: 1.70 mm & 0.25 mm)	FCO Schedule II Part B-20
75	CHEMICAL- FERTILIZERS	Potassium Chloride (MOP)	Water Soluble Potash as K2O	FCO Schedule II Part B-5 (ii)
76	CHEMICAL- FERTILIZERS	Potassium Schoenite (23% K2O)	Magnesium Oxide (as MgO)	FCO Schedule II Part B-7 (vi)
77	CHEMICAL- FERTILIZERS	Potassium Schoenite (23% K2O)	Moisture	FCO Schedule II Part B-2 (i)
78	CHEMICAL- FERTILIZERS	Potassium Schoenite (23% K2O)	Water Soluble Potash as K2O	FCO Schedule II Part B-5 (ii)
79	CHEMICAL- FERTILIZERS	Potassium Sulphate (SOP)	Moisture	FCO Schedule II Part B-2 (i)
80	CHEMICAL- FERTILIZERS	Potassium Sulphate (SOP)	Sulphur (as S)	FCO Schedule II Part B-24 (A) (a)
81	CHEMICAL- FERTILIZERS	Potassium Sulphate (SOP)	Water Soluble Potash as K2O	FCO Schedule II Part B-5 (ii)
82	CHEMICAL- FERTILIZERS	Single Super Phosphate (16% P2O5 Granular)	Moisture	FCO Schedule II Part B-2 (i)
83	CHEMICAL- FERTILIZERS	Single Super Phosphate (16% P2O5 Powder)	Free Phosphoric Acid (as P2O5)	FCO Schedule II Part B-4 (vii)
84	CHEMICAL- FERTILIZERS	Single Super Phosphate (16% P2O5 Powder)	Moisture	FCO Schedule II Part B-2 (i)
85	CHEMICAL- FERTILIZERS	Single Super Phosphate (16% P2O5 Powder)	Neutral Ammonium Citrate Soluble P2O5	FCO Schedule II Part B-4 (ii, iv & v)
86	CHEMICAL- FERTILIZERS	Single Superphosphate (16% P2O5 Granular)	Free Phosphoric Acid (as P2O5)	FCO Schedule II Part B-4 (vii)
87	CHEMICAL- FERTILIZERS	Single Superphosphate (16% P2O5 Granular)	Neutral Ammonium Citrate Soluble P2O5	FCO Schedule II Part B-4 (ii, iv & v)
88	CHEMICAL- FERTILIZERS	Single Superphosphate (16% P2O5 Granular)	Particle Size (IS Sieve: 4.0 mm & 1.0 mm)	FCO Schedule II Part B-20
89	CHEMICAL- FERTILIZERS	Single Superphosphate (16% P2O5 Granular)	Sulphur (as S)	FCO Schedule II Part B-24 (A) (b)
90	CHEMICAL- FERTILIZERS	Single Superphosphate (16% P2O5 Granular)	Water Soluble P2O5	FCO Schedule II Part B-4 (iii)
91	CHEMICAL- FERTILIZERS	Single Superphosphate (16% P2O5 Powder)	Sulphur (as S)	FCO Schedule II Part B-24 (A) (b)
92	CHEMICAL- FERTILIZERS	Single Superphosphate (16% P2O5 Powder)	Water Soluble P2O5	FCO Schedule II Part B-4 (iii)
93	CHEMICAL- FERTILIZERS	Sulphur 90% (Granular)	Moisture	FCO Schedule II Part B-2 (i)
94	CHEMICAL- FERTILIZERS	Sulphur 90% (Granular)	Particle Size (IS Sieve: 4.0 mm & 1.0 mm)	FCO Schedule II Part B-20
95	CHEMICAL- FERTILIZERS	Sulphur 90% (Granular)	Total Sulphur (as S)	FCO Schedule II Part B-24 (A) & (B)

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96	CHEMICAL- FERTILIZERS	Sulphur 90% (Powder)	Moisture	FCO Schedule II Part B-2 (i)
97	CHEMICAL- FERTILIZERS	Sulphur 90% (Powder)	Total Sulphur (as S)	FCO Schedule II Part B-24 (A) & (B)
98	CHEMICAL- FERTILIZERS	Urea (46% N)	Moisture	FCO Schedule II Part B-2 (i)
99	CHEMICAL- FERTILIZERS	Urea (46% N)	Particle Size (IS Sieve: 2.8 mm & 1.0 mm)	FCO Schedule II Part B-20
100	CHEMICAL- FERTILIZERS	Urea (46% N)	Particle Size (IS Sieve: 4.00 mm & 2.00 mm)	FCO Schedule II Part B-20
101	CHEMICAL- FERTILIZERS	Urea (46% N)	Total Nitrogen	FCO Schedule II Part B-3 (iv)
102	CHEMICAL- FERTILIZERS	Zinc Sulphate Heptahydrate (ZnSO4.7H2O)	Matter Insoluble in Water	FCO Schedule II Part B-7 (ii)
103	CHEMICAL- FERTILIZERS	Zinc Sulphate Heptahydrate (ZnSO4.7H2O)	pH	FCO Schedule II Part B-8 (vi)
104	CHEMICAL- FERTILIZERS	Zinc Sulphate Heptahydrate (ZnSO4.7H2O)	Sulphur as S	FCO Schedule II Part B-24 (A) (a)
105	CHEMICAL- FERTILIZERS	Zinc Sulphate Heptahydrate (ZnSO4.7H2O)	Zinc as Zn	FCO Schedule II Part B-8 (ii)
106	CHEMICAL- FERTILIZERS	Zinc Sulphate Monohydrate (ZnSO4.H2O)	Iron as Fe	FCO Schedule II Part B-8(viii)
107	CHEMICAL- FERTILIZERS	Zinc Sulphate Monohydrate (ZnSO4.H2O)	Matter Insoluble in Water	FCO Schedule II Part B-8 (vii)
108	CHEMICAL- FERTILIZERS	Zinc Sulphate Monohydrate (ZnSO4.H2O)	pH	FCO Schedule II Part B-8 (vi)
109	CHEMICAL- FERTILIZERS	Zinc Sulphate Monohydrate (ZnSO4.H2O)	Sulphur as S	FCO Schedule II Part B-24 (A) (a)
110	CHEMICAL- FERTILIZERS	Zinc Sulphate Monohydrate (ZnSO4.H2O)	Zinc as Zn	FCO Schedule II Part B-8 (ii)