National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING LABORATORY, VANITA AGROCHEM (I) PRIVATE LIMITED, GAT NO. 148 B, JAULKE (DINDORI), TALUKA-DINDORI, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11740 **Page No** 1 of 3

Validity 06/06/2023 to 05/04/2025 **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- PLANTS	Plant Material - Petiole (Stalk of Leaf) and Leaf Dried Sample of Grape, Pomegranate, Tomato and Capsicum Plants	Iron (as Fe)	FAO Fertilizer and Plant Nutrition Bulletin 19 (Page No. 81 & 88)
2	CHEMICAL- PLANTS	Plant Material - Petiole (Stalk of Leaf) and Leaf Dried Sample of Grape, Pomegranate, Tomato and Capsicum Plants	Copper (as Cu)	FAO Fertilizer and Plant Nutrition Bulletin 19 (Page No. 81 & 88)
3	CHEMICAL- PLANTS	Plant Material - Petiole (Stalk of Leaf) and Leaf Dried Sample of Grape, Pomegranate, Tomato and Capsicum Plants	Manganese (as Mn)	FAO Fertilizer and Plant Nutrition Bulletin 19 (Page No. 81 & 88)
4	CHEMICAL- PLANTS	Plant Material - Petiole (Stalk of Leaf) and Leaf Dried Sample of Grape, Pomegranate, Tomato and Capsicum Plants	Zinc (as Zn)	FAO Fertilizer and Plant Nutrition Bulletin 19 (Page No. 81 & 88)
5	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Copper (as Cu)	Methods Manual Soil Testing in India, Department of Agriculture & Cooperation Ministry of Agriculture, Government of India (Page No. 106 to 115)
6	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Iron (as Fe)	Methods Manual Soil Testing in India, Department of Agriculture & Cooperation Ministry of Agriculture, Government of India (Page No. 106 to 115)
7	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Zinc (as Zn)	Methods Manual Soil Testing in India, Department of Agriculture & Cooperation Ministry of Agriculture, Government of India (Page No. 106 to 115)
8	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Electrical Conductivity at 25 °C	IS 14767
9	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Exchangeable/ Available Calcium	FAO Fertilizer and Plant Nutrition Bulletin 19 (Page No. 57 & 59)
10	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Exchangeable/ Available Magnesium (as Mg)	FAO Fertilizer and Plant Nutrition Bulletin 19 (Page No. 57 to 59)
11	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Exchangeable/ Available Potassium (as K)	FAO Fertilizer and Plant Nutrition Bulletin 19 (Page No. 53 & 54)

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12	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Exchangeable/ Available Sodium (as Na)	Methods of Soil, Plant and Water Analysis, International Center for Agricultural Research in the Dry Areas (ICARDA), 3rd Edition (Page No. 111 & 112)
13	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Organic Carbon	Food and Agriculture Organization of the United Nations, Global Soil Laboratory Network (GLOSOLAN-SOP-02, Soil Organic Carbon Walkley Black Method)
14	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Organic Matter	Methods Manual, Soil Testing in India, Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India (Page No. 85)
15	CHEMICAL- SOIL AND ROCK	Agriculture Soil	pH	Methods Manual, Soil Testing in India, Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India (Page No. 77 to 78)
16	CHEMICAL- WATER	Irrigation Water	Bicarbonate (as HCO3)	Methods of Soil, Plant and Water Analysis, International Center for Agricultural Research in the Dry Areas (ICARDA), 3rd Edition (Page No. 194 & 195)
17	CHEMICAL- WATER	Irrigation Water	Calcium (as Ca)	Methods of Soil, Plant and Water Analysis, International Center for Agricultural Research in the Dry Areas (ICARDA), 3rd Edition (Page No. 191 & 193)
18	CHEMICAL- WATER	Irrigation Water	Carbonate (as CO3)	Methods of Soil, Plant and Water Analysis, International Center for Agricultural Research in the Dry Areas (ICARDA), 3rd Edition (Page No. 194 & 195)

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19	CHEMICAL- WATER	Irrigation Water	Chloride (as Cl)	Methods of Soil, Plant and Water Analysis, International Center for Agricultural Research in the Dry Areas (ICARDA), 3rd Edition (Page No. 196 & 197)
20	CHEMICAL- WATER	Irrigation Water	Electrical Conductivity at 25 °C	Methods Manual, Soil Testing in India, Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India (Page No. 147)
21	CHEMICAL- WATER	Irrigation Water	Magnesium (as Mg)	Methods of Soil, Plant and Water Analysis, International Center for Agricultural Research in the Dry Areas (ICARDA), 3rd Edition (Page No. 191 & 193)
22	CHEMICAL- WATER	Irrigation Water	pH at 25 °C	Methods Manual, Soil Testing in India, Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India (Page No.147)
23	CHEMICAL- WATER	Irrigation Water	Sodium (as Na)	Methods Manual, Soil Testing in India, Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India (Page No. 148 & 149)
24	CHEMICAL- WATER	Irrigation Water	Total Dissolved Solids	IS 3025 (Part 16)