# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

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

**Accreditation Standard** ISO/IEC 17025:2017

**Certificate Number** TC-11534 **Page No** 1 of 3

**Validity** 06/04/2023 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 Degree Celcius | 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) |

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|---|---|---|---|---|
| 11 | 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) |
| 12 | CHEMICAL- SOIL AND ROCK | Agriculture Soil | Exchangeable/ Available Potassium (as K) | FAO Fertilizer and Plant Nutrition Bulletin 19 (Page No. 53 & 54) |
| 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 Degree Celsius | 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 Degree Celsius | 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) |