



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

NIASM SOIL TESTING LABORATORIES

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

ICAR-NATIONAL INSTITUTE OF ABIOTIC STRESS MANAGEMENT, MALEGAON, BARAMATI,
MAHARASHTRA, INDIA

in the field of

TESTING

Certificate Number: TC-16098

Issue Date: 19/05/2025

Valid Until: 18/05/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: INDIAN COUNCIL OF AGRICULTURAL RESEARCH (MINISTRY OF
AGRICULTURE AND FARMERS WELFARE), GOVERNMENT OF INDIA

Signed for and on behalf of NABL



Anita Rani
Director

N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	NIASM SOIL TESTING LABORATORIES, ICAR-NATIONAL INSTITUTE OF ABIOTIC STRESS MANAGEMENT, MALEGAON, BARAMATI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-16098	Page No	1 of 3
Validity	19/05/2025 to 18/05/2029	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 Testing				
1	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Boron	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by Hot-Water Soluble Boron/Gupta Method
2	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Copper	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by DTPA-CaCl ₂ -TEA Extraction Method
3	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Iron	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by DTPA-CaCl ₂ -TEA Extraction Method
4	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Manganese	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by DTPA-CaCl ₂ -TEA Extraction Method
5	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Nitrogen	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by Subbiah and Asija Method
6	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Phosphorus	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by Bray and Kurtz Method



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Validity

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Last Amended on

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7	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Phosphorus	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by Olsen et al. Method
8	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Potassium	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by Ammonium Acetate/Hanway and Heidel Method
9	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Sulfur	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by CaCl ₂ extractable Sulfur/Williams and Steinbergs Method
10	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Available Zinc	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by DTPA-CaCl ₂ -TEA Extraction Method
11	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Electrical Conductivity	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by Soil : Water Suspension (1:2.0) Method
12	CHEMICAL- SOIL AND ROCK	Agriculture Soil	Organic Carbon	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by Wakley and Black Method



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13	CHEMICAL- SOIL AND ROCK	Agriculture Soil	pH	Methods Manual Soil Testing In India (Dept. of Agriculture & Cooperation, MOA, GoI) - by Soil : Water Suspension (1:2.0) Method