

CERTIFICATE OF ACCREDITATION

ROYAL ESWATINI SUGAR CORPORATION – AGRICULTURE LABORATORY

Company Registration No.18 of 1958

Facility Accreditation Number: TEST-5 0038

is a SADCAS accredited Testing Laboratory
provided that all SADCAS conditions are complied with

This certificate is valid as per the scope stated in the accompanying schedule of accreditation,
Annexure “A”, bearing the above accreditation number for

CHEMICAL ANALYSIS

The facility is accredited in accordance with the recognized International Standard

ISO/IEC 17025:2017

*The accreditation demonstrates technical competency for a defined scope and the operation
of a laboratory quality management system*

*SADCAS is a subsidiarity organization of SADC. A memorandum of understanding between SADC and
SADCAS serves as the basis for the recognition of SADCAS by SADC Member States
as a multi-economy accreditation body*

Eve Christine Gadzikwa
SADCAS Chief Executive Officer

Date of Renewal of Accreditation: 26 March 2024
Effective Date (Issue No: 1): 26 March 2024
Certificate Expires: 25 March 2029

ANNEXURE A
SCHEDULE OF ACCREDITATION
CHEMICAL ANALYSIS

Laboratory Accreditation Number: TEST-5 0038 (ISO/IEC 17025:2017)

<u>Permanent Address of Laboratory</u> Royal Eswatini Sugar Corporation Agriculture Laboratory RES Corporation Mhlume Estate Technical Services Building Mhlume L309 Eswatini		<u>Technical Signatories</u> : Mr C Dlamini (Item 6) Mr N Dlamini (Items 1, 2 & 3) Mr Z Matsenjwa (Item 4) Mr A Mtsetfwa (All methods) Mr D Phakathi (Item 4) Ms Z Mkhonta (Items 1, 2, 3, 4 & 5)
<u>Postal Address</u> P O Box 1 Mhlume L309 Eswatini		<u>Nominated Representative</u> : Mr N Dlamini
<u>Tel</u> : +268 23 134 197 <u>Cell</u> : +268 780 913 57 <u>Email</u> : nkosinathi.dlamini@res.co.sz		<u>Issue No</u> : 03 <u>Date of Issue</u> : 18 June 2026 <u>Expiry Date</u> : 25 March 2029
MATERIALS/PRODUCTS TESTED	TYPES OF TESTS/PROPERTIES MEASURED, RANGE OF MEASUREMENT	STANDARD SPECIFICATIONS, EQUIPMENT/TECHNIQUES USED
Irrigation Water	1. Electrical Conductivity	SOPLAB-WA-007 (EC Meter)
	2. pH	SOPLAB-WA-006 (pH Meter)
	3. Nutrients Content: Ca, Mg, Na, K, Cu, Fe, Mn, Na, Zn, and Mo	SOPLAB-WA-001 (ICP-OES)
Cane Extract	4. Brix Content, Sucrose Content and Purity	SOPLAB-C-01 (Refractometer) and Polarimeter
Plant Materials	5. Nutrients Content: Ca, Mg, Na, K, , Fe, Mn, Na, Zn, P and S	SOPLAB-PL-005 (ICP-OES)
	6. Total Nitrogen Content: N	SOPLAB-PL-007 (Combustion)

Original date of accreditation: 26 March 2019

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Varsha Gungoa
For SADCAS Technical Manager