

CERTIFICATE OF ACCREDITATION

CALTES COMPANY LIMITED - TANZANIA

Company Registration No: 141005006

Facility Accreditation Number: CAL-14 010

is a SADCAS accredited Calibration 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

TEMPERATURE METROLOGY

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

Effective Date (Issue No: 1): 31 August 2023
Certificate Expires: 30 August 2028

ANNEXURE A

SCHEDULE OF ACCREDITATION

TEMPERATURE METROLOGY

Laboratory Accreditation Number: **CAL-14 010 (ISO/IEC 17025:2017)**

<p><u>Permanent Address of Laboratory</u> Caltex Company Limited Mbezi Malamba Mawili – Kinyerezi Road Dar es Salaam Tanzania</p> <p><u>Postal Address</u> P O Box 10051 Dar es Salaam Tanzania</p> <p><u>Tel</u> : +255 75 440 8014 <u>Cell</u> : +255 71 668 9004 <u>Email</u> : info@caltex.co.tz w.wishega@caltex.co.tz</p>		<p><u>Technical Signatories</u> : Mr W J Wishega (All items)</p> <p><u>Nominated Representative</u> : Mr S H Bussara</p> <p><u>Issue No</u> : 02 <u>Date of Issue</u> : 06 February 2025 <u>Expiry Date</u> : 30 August 2028</p>		
ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (\pm)
1	Ice point reference	CTC-TEM:001	0 °C	<i>At Caltex and On-site</i> 0,20 K
2	Digital thermometers	CTC-TEM:004	(-20 to 120) °C	0,20 k
3	Temperature data loggers	CTC-TEM:003	(-20 to 120) °C	0,20 k
4	Incubators/Ovens	CTC-TEM:010	(0 to 100) °C	0,80 K
		CTC-TEM:008	(100 to 200) °C	0,90 K
5	Autoclaves (temp only)	CTC-TEM:011	(50 to 125) °C	1,4 K
		CTC-TEM:008		
6	Liquid Baths	CTC-TEM:012	(-30 to 200) °C	0,30 K
		CTC-TEM:008		
7	Furnaces	CTC-TEM:014	(50 to 1000) °C	1,4 K
		CTC-TEM:008		
8	Fridges/Freezers	CTC-TEM:013	(-30 to 10) °C	0,80 K
		CTC-TEM:008		

Original date of accreditation: 31 August 2023

Page 1 of 1

The CMC, expressed as an expanded uncertainty of measurement, is stated as the standard uncertainty of measurement multiplied by a coverage factor $k = 2$, corresponding to a confidence level of approximately 95%.