

## 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><b>Permanent Address of Laboratory</b> Caltes Company Limited, Mbezi Malamba Mawili – Kinyerezi Road, Dar es Salaam Tanzania</p> <p><b>Postal Address</b> P O Box 10051 Dar es Salaam Tanzania</p> <p><b>Tel</b> : +255 754 408 014 <b>Cell</b> : +255 716 689 004 <b>Email</b> : <a href="mailto:info@caltes.co.tz">info@caltes.co.tz</a>; <a href="mailto:w.wishega@caltes.co.tz">w.wishega@caltes.co.tz</a>;</p>	<p><b>Technical Signatories</b> : Mr Wambura J. Wishega (All Items)</p> <p><b>Nominated Representative</b> : Mr Said H. Bussara</p> <p><b>Issue No</b> : 01 <b>Date of Issue</b> : 31 August 2023 <b>Expiry Date</b> : 30 August 2028</p>
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ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ( $\pm$ )
				<i>At Caltes and On-site</i>
1	Ice point reference	CTC-TEM:001	0 °C	0,20 K
2	Incubators/Ovens	CTC-TEM:010 CTC-TEM:008	0 to 100°C 100 to 200°C	0,80 K 0,90 K
3	Autoclaves (temp only)	CTC-TEM:011 CTC-TEM:008	50 to 125°C	1,4 K
4	Liquid Baths	CTC-TEM:012 CTC-TEM:008	-30 to 200°C	0,30 K
5	Furnaces	CTC-TEM:014 CTC-TEM:008	50 to 1000°C	1,4 K
6	Fridges/Freezers	CTC-TEM:013 CTC-TEM:008	-30 to 10°C	0,80 K

Original date of accreditation: 31 August 2023

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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%.



Pinkie J Malebe  
SADCAS Technical Manager