



Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments

304 & 313, Laxmi Deep, District Centre, Near Nirman Vihar Metro Station, Laxmi Nagar, Delhi-110092

Phone / Fax : (011) 22453259, 22434362, 9599482307

E-mail : indiancalibrationservices@gmail.com Website : www.multitechics.com

CALIBRATION CERTIFICATE

Page 1 of 1

CALIBRATION CERTIFICATE OF DIGITAL TEMPERATURE INDICATOR WITH SENSOR

Certificate No:	20100014696	Issued On:	01/01/2021
ULR No:	CC214620100014696F	Calibration Date:	31/12/2020
Job Identification No:	ICS/C/T/12/14696	Next Calibration Date:	30/12/2021
Ref. No:	SRF, Dated - 29/12/2020		

CALIBRATED FOR:	M/s Alaknanda Diagnostic Lab. H-1, Vikrmaditya Tower, (Basement), Alaknanda Shopping Complex, Alaknanda, New Delhi-110019.
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EQUIPMENT DESCRIPTION

Name	Digital Temperature Indicator with Sensor		
Make/Model	---	Visual Inspection	Ok
Serial No.	---	I.D. No.	---
Range	-50°C to 110°C	Least Count	0.1° C
Location	---	Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH
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STANDARD REFERENCE DETAILS

Traceable to National Standard (NPL, New Delhi)

Name of the Standard	Make	Certificate No.	Calibration Agency/Traceability	Date of Calibration	Valid up to
RTD Sensor with Digital Indicator	Udian	ERTL(N)/2020/AR0878	ERTL (NORTH)	25/02/2020	25/02/2021

USED EQUIPMENT DETAILS Methanol Bath, Water Bath & Dry Block Calibrator

PRINCIPLE/METHODOLOGY OF CALIBRATION: As per Calibration Procedure No.: ICS/CAL/SOP-TH02 (ITS-90) (Comparison Method)

RESULTS: Thermal Calibration

All readings are in "° C"

U.U.C. READING	CORRECTED VALUE OF STANDARD (AVG.)	Uncertainty at approx 95% C.L and coverage factor k=2
-30.0	-30.142	± 0.18
20.0	20.024	± 0.18
50.0	50.963	± 0.28
70.0	70.932	± 0.28
110.0	110.899	± 0.41

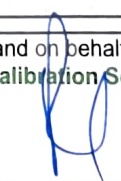
REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.

END OF REPORT

- Note :**
- This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.
 - The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
 - Total liability of our Organisation is limited to the invoiced amount.
 - Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
 - In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.
 - The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of
Indian Calibration Services


Checked by


Authorised Signatory
RAJESH KAPOOR
Operation-Head



Government of India भारत सरकार
Ministry of Electronics & Information Technology
इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय
Standardisation Testing & Quality Certification Directorate
मानकीकरण परीक्षण एवं गुणवत्ता प्रमाणन निदेशालय
ELECTRONICS REGIONAL TEST LABORATORY (NORTH)
इलेक्ट्रॉनीकी क्षेत्रीय परीक्षण प्रयोगशाला (उत्तर)
S-Block, Okhla Industrial Area, Phase-II, New Delhi-110020
एस-ब्लॉक, ओखला औद्योगिक क्षेत्र, फेज-II, नई दिल्ली-110020



Certificate No. CC 2137

ULR No.		CC213720100000061F		
CALIBRATION CERTIFICATE		CALIBRATION COMPLETED ON	RECOMMENDED DATE OF NEXT CALIBRTION	PAGE NUMBER
NUMBER	DATE			
ERTL(N)/2020/AR0878	25/02/2020	25/02/2020	25/02/2021	03 of 07

1. Service Request Form	Number	19C0294
	Date	09/01/2020
2. Customer	Name	M/s. Indian Calibration Services.
	Address	313 Laxmideep District Centre, Laxmi Nagar, Delhi-92.
3. Description of Item	Discipline	Thermal Calibration
	Nomenclature	RTD Sensor with Digital Indicator
	Make /Trade Mark	UDIAN
	Model No./Type No.	-----
	Serial No.	AI-5600
	Condition	Good
	Date of Receipt	15/01/2020
4. Name & address where calibration carried out (In-house /On-site)		ERTL(N)
5. Calibration method / Operating procedure		Cal-NE/TI+Sensor/28
6. Accuracy		Not Specified
7. Environmental Conditions	Temperature	25±3°C
	Relative Humidity	45% to 75%

	13.03.2020	
Calibrated by (Ravinder Kumar) Scientist 'C'	Approved by (Ashok Kumar) Scientist 'E'	Issued by (Ved Prakash) Scientist 'B'



CC-2146

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CALIBRATION CERTIFICATE

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CALIBRATION CERTIFICATE OF MICROPIPETTE

Certificate No:	21700000018	Issued On:	06/01/2021
ULR No:	CC214621700000018F	Calibration Date:	05/01/2021
Job Identification No:	ICS/C/MVD/01/18	Next Calibration Date:	04/01/2022
Ref. No:	SRF, Dated - 04/01/2021		

CALIBRATED FOR:	M/s Alaknanda Diagnostic Lab. H-1, Vikramditya Tower, (Basement), Alaknanda Shopping Complex, Alaknanda, New Delhi-110019.
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EQUIPMENT DESCRIPTION

Name	Variable Micropipette		
Make/Model	---	Visual Inspection	Ok
Serial No.	YE4A217917	I.D. No.	---
Range	5 µl - 50 µl	Least Count	0.5 µl
Location	---	Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH
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STANDARD EQUIPMENT DETAILS

Traceable to National Standards

Name	Make	Certificate No.	Calibration Agency	Calibration Date	Valid Upto
Stainless Steel Wire Weights	E ₁ Class as per OIML recom.	WMCL/E/2020-05/3364	WMCL	31/05/2020	30/05/2023
RTD Sensor with Digital Indicator	Udian	ERTL(N)/2020/AR0878	ERTL (NORTH)	25/02/2020	25/02/2021

USED EQUIPMENT DETAILS

Calibrated Balance, Distilled Water & Glass wares

PRINCIPLE/METHODOLOGY OF CALIBRATION:

As per Calibration Procedure No.: ICS/CAL/SOP-M03 (Gravimetric Method), ISO 8655-6

RESULTS: Mechanical Calibration

Below Volume is determined at 27°C

U.U.C. Reading (in ml)	Standard Measured Volume (in ml) (Average)	Uncertainty at approx 95% C.L and coverage factor k=2
0.0050 (05.0 µl)	0.004941 (0004.941 µl)	± 0.3 µl
0.0250 (25.0 µl)	0.024905 (0024.905 µl)	± 0.3 µl
0.0500 (50.0 µl)	0.049863 (0049.863 µl)	± 0.3 µl

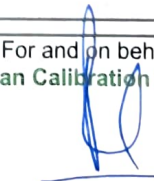
REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.

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For and on behalf of
Indian Calibration Services

Checked by


Authorised Signatory
RAJESH KAPOOR
Operation-Head



NABL/ILAC/0115

CC-2743

Format No.: 7.8-QF-02

D-46, Sector - 4, DSIDC, Bawana, Delhi - 110 039, INDIA
 Phone : +91 - 11 - 2776 1662, 2776 2663
 E-mail : info@weightronics.net, Web : www.weightronics.net

Calibration Certificate

Issue Dated: 01-06-2020

<p>Recommended Date for the Next Calibration Mentioned As Per Request of the Customer</p> <p>Date: 30-05-2023</p>	<p>Page</p> <p>-1-</p>	<p>No. of Pages</p> <p>-2-</p>
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Certificate No.: WMCL/E/2020-05/3364
 ULR - CC27432000000864F

Date of Calibration: 31-05-2020

Calibrated for : INDIAN CALIBRATION SERVICES
 304 & 313, Laxmi Deep,
 District Center, Laxmi Nagar,
 Near Nirman Vihar Metro Station,
 Delhi - 110 092, INDIA

Customer Reference : RGP No.: NIL, Dated: 21/05/2020

Description of Instrument : Make - "WEIGHTRONICS"
 0.5 g to 0.001 g : Stainless Steel Wire Type Weights

Identification No : WT/AS-I/2015/2423

Assumed Density (d) : (7 950 ± 50) kg/m³; (k=2) for Stainless Steel

Environmental Conditions : Temperature : (23.0 ± 2.0)°C
 : Relative Humidity : (50.0 ± 10.0) %
 [Change in Temperature and Relative Humidity during the calibration were less than ± 0.3°C per hour and ± 5.0 % per 4 hours respectively]


Standard (s) used : WMCL working standard of mass with uncertainty Better than one-third of the reported uncertainty of measurement

Traceability Standard (s) : The Standard used for Calibration are Traceable from "NPL" New Delhi, INDIA vide Calibration Certificate No.: 19100739/D1.01/C-117, Dated: 11/12/2019 valid up to Dated: 11/12/2022


Balance used for Calibration : Precision Balances of Appropriate Accuracy Traceable to Mass Standards

Methodology of Calibration Adopted : The Method of comparison with standard (s) using Sub - Division Weighing Method from 1 mg to 500 mg (Cal. Procedure No.: WMCL/ Doc-13/Cal- PR-03) and (ABBA or ABA) Weighing Cycle. The Reported Mass Values(s) is (are) the conventional mass value(s) (M_C) related to the true mass value(s) (M_T) by formula: M_C=M_T [1-1.2(1/d-1/8000)]. (Where, 'd' is in kg/m³).

Calibrated by:


 Arun Pathak
 Technical Manager

Issued by:


 Lalit Shukla (Q.M.)
 Authorized Signatory

