

Registered Office:

BioSystems Diagnostics Pvt. Ltd.,
A4, SIPCOT Industrial Park, Irungattukottai,
Thandalam Village, Sriperumbudur - 602105.
Ph: +91 - 44 - 3034 1911 / 12 / 13
E-mail: customersupport@biosystems.in
Website: www.biosystems.in
CIN - U29297TN2003PTC051492



- X1 (Rack1, 2) = 2552, 2059
- X2 (Rack1, 2) = 2558, 2067
- Y1 (Rack1, 2) = 56, 55
- Y2 (Rack1, 2) = 1396, 1394
- Z1 (Rack1, 2) = 1250, 1250
- Z2 (Rack1, 2) = 1250, 1250

Rotor Position correction regarding to the dispensation point = 106
Rotor Position correction regarding to the optical system = -6
Filters wheel correction = 0

- Filter 0 = 0 (nm) IT = 10.2 (ms) Ref. IT = 9.7 (ms)
- Filter 1 = 340 (nm) IT = 500.2 (ms) Ref. IT = 499.7 (ms)
- Filter 2 = 405 (nm) IT = 162.3 (ms) Ref. IT = 161.8 (ms)
- Filter 3 = 505 (nm) IT = 132.1 (ms) Ref. IT = 132.1 (ms)
- Filter 4 = 535 (nm) IT = 130 (ms) Ref. IT = 129.5 (ms)
- Filter 5 = 560 (nm) IT = 149.5 (ms) Ref. IT = 149 (ms)
- Filter 6 = 600 (nm) IT = 145.4 (ms) Ref. IT = 144.9 (ms)
- Filter 7 = 635 (nm) IT = 130 (ms) Ref. IT = 129.5 (ms)
- Filter 8 = 670 (nm) IT = 160.8 (ms) Ref. IT = 160.8 (ms)
- Filter 9 = 0 (nm) IT = 10.2 (ms) Ref. IT = 9.7 (ms)

- X - axis = 390299 (x1000 steps)
- Y - axis = 239605 (x1000 steps)
- Z - axis = 549450 (x1000 steps)
- Reaction Rotor = 19922 (x10000 steps)
- Filter Wheel = 928178 (x100 steps)
- Dispensing Pump = 401587 (x10000 steps)
- Membrane pumps = 87130 (Commutation)
- 3-way electrovalve = 343784 (Commutation)
- Lamp = 0 (Hours)
- Biochemical preparation = 46679 (Cicles)
- Turbidimetry preparation = 28 (Cicles)
- Bireagent Biochemical preparation = 7891 (Cicles)
- Bireagent Turbidimetry preparation = 0 (Cicles)
- Predilution = 0 (Cicles)
- Start/End Washings = 1170 (Cicles)
- WS Washings = 11991 (Cicles)
- H2O Washings = 3510 (Cicles)
- New Rotor = 583 (Rotors)
- Contaminations detected = 1499 Contaminations detected

Next Calibration due on - 05/10/2021

For BIOSYSTEMS DIAGNOSTICS PVT. LTD.

[Signature]
Authorised Signatory

Corporate Office:
BioSystems S.A. Costa Brava 30, 08030 Barcelona (Spain)
Tel +34-93 311 00 00, Fax+34-93 346 77 99
<http://www.biosystems.es>



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.multitechs.com

TEST REPORT

TEST REPORT OF BIO SAFETY CABINET

Certificate No:	20085000074	Issued On:	31/08/2020
Job Identification No:	ICS/C/08-5/74	Calibration Date:	29/08/2020
Ref. No:	SRF- Dated: 27/08/2020	Next Calibration Date:	28/08/2021

CALIBRATED FOR:

M/s Parmar Hospital,
 Bela Road, Ropar(Punjab).

EQUIPMENT DESCRIPTION

Name	Bio Safety Cabinet, Equipped with HEPA Filter, Size: 600 X 600 mm
Make	An Biotech
Serial No.	---
Location	---

TEST REQUIRED

Sl	Name Of The Test	Specified Classification	Acceptance Criteria	Test Method
1.	HEPA Filter Integrity	H-14 as per BS EN 1822-1:1998	$\leq 0.025\%$ Penetration	ISO 14644-3
2.	Air Borne Particle Measurement	Cleanliness Class ISO 5 as per ISO 14644-1	$< 3520/m^3$ for $0.5 \mu m$	ISO 14644-3
3.	Air Velocity Measurement	As per EN 12469	0.25 m/s to 0.50 m/s	EN 12469

ENVIRONMENTAL CONDITIONS

Temperature	$25.0^\circ C \pm 3.0^\circ C$	Humidity	$50 \pm 10\% RH$
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STANDARD EQUIPMENT DETAILS

Traceable to National Standards and NIST, U.S.A

Name	Make/Model	Certificate No.	Calibration Agency	Calibration Date	Valid Up to
DOP Touch	DOP, UK/ DOP touch 3000	MKC/017/2020-21	MK Tech., Delhi	10/06/2020	10/06/2021
Photometer	CLIMET/ CI-752x	MKC/018/2020-21	MK Tech., Delhi	10/06/2020	10/06/2021
Air Particle Counter	TESTO/ 405-V1	CAW 127 2006 007	FCRI, Palakkad	15/06/2020	15/06/2021
Thermal Anemometer					

Other Equipment Used: Aerosol Generator & Thermo-Hyrometer

Procedure No.: ICS/T/SOP-01

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5. In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.

6. The calibration certificate/Test Report is valid only for the condition of the UVC at the time under stated condition of calibration.

Checked by

[Signature]

Authorized Signatory

RAJESH KAPOOR

[Signature]

For and on behalf of
 Indian Calibration Services

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TEST REPORT

Page-2 of 2

TEST REPORT OF BIO SAFETY CABINET

Test Report No: 20085000074

OBSERVATION: Mechanical Testing

1. Filter Integrity Test:

Photometer set 100% with P.A.O. Concentration at upstream: 60.2 mg/m³

SN.	FILTER DESCRIPTION	Photometer Reading Average Measured Penetration in %	Location of leakage (if found beyond accepted limit)	Compliance Remarks
1.	HEPA Filter	0.0031	----	Comply

2. Air Borne Particle Counting:

(At Rest Condition)

SN.	Concentration of Particle	
	0.5 µm per m ³	5.0 µm per m ³
1.	00	0
2.	02	0
3.	02	0
4.	01	0
5.	02	0
6.	01	0
7.	01	0
8.	02	0
9.	00	0

Remarks: Comply

3. Air Velocity Measurement:

All reading in "m/s"

Measuring Location						Average
1	2	3	4	5	6	
0.42	0.40	0.44	0.39	0.45	0.43	0.42

Remarks: Comply

*** END OF REPORT ***

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For and on behalf of
 Indian Calibration Services

Checked by

RAJESH KAPOOR
 Authorised Signatory
 Operation Head



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Indian Calibration Services

CALIBRATION CERTIFICATE OF GLASS THERMOMETER

Certificate No:	20100008397
ULR No:	CC214620100008397F
Job Identification No:	ICS/C/T/08/8397
Ref. No:	SRF, Dated -27/08/2020
Issued On:	31/08/2020
Calibration Date:	29/08/2020
Next Calibration Date:	28/08/2021

CALIBRATED FOR:
 M/s Gurunanak Diagnostics,
 Parmar Hospital, Bela Road, Ropar (Punjab).

EQUIPMENT DESCRIPTION			
Name	Glass Thermometer	Make/Model	---
Serial No.	---	I.D. No.	INC-01
Range	0°C to 110°C	Least Count	1°C
Location	Incubator	Calibration Site	On-Site

ENVIRONMENTAL CONDITIONS			
Temperature	25.0 °C ± 3.0 °C	Humidity	50 ± 10 % RH

STANDARD REFERENCE DETAILS			
Traceable to National Standard (NPL, New Delhi)			
Name of the Standard	Make/Model	Certificate No.	Calibration Agency/Traceability
Digital Temp. Indicator with Sensor	"Lutron" ICS/T/INS/41	20100000032	Indian Calibration Services, Delhi
USED EQUIPMENT DETAILS		As per Calibration Procedure No.: ICS/CAL/SOP-TH01 (ITS-90) (Comparison Method)	
PRINCIPLE/METHODOLOGY OF CALIBRATION:		Water Bath	
RESULTS: Thermal Calibration			
All readings are in "°C"			

U.U.C. READING		CORRECTED VALUE OF STANDARD		Uncertainty at approx 95% C.L. and coverage factor k=2	
60	60.41	± 0.71	60	60.41	± 0.71
45	45.29	± 0.65	45	45.29	± 0.65
37	37.20	± 0.65	37	37.20	± 0.65
35	35.13	± 0.65	35	35.13	± 0.65
30	30.06	± 0.65	30	30.06	± 0.65

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

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Checked by: *[Signature]*
 RAJESH KAPOOR
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 For and on behalf of

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CALIBRATION CERTIFICATE

Certificate No:	20900001732
ULR No:	CC214620900001732F
Job Identification No:	ICS/C/AS/08/1732
Ref. No:	SRF, Dated -27/08/2020
Issued On:	31/08/2020
Calibration Date:	29/08/2020
Next Calibration Date:	28/08/2021

CALIBRATED FOR:

M/s Gurunanak Diagnostics,
 Parmar Hospital, Bela Road, Ropar(Punjab).

EQUIPMENT DESCRIPTION

Name	RPM Measurement for Blood Mixer
Make/Model	Labline
Serial No.	6469
Range	At 30 RPM
Location	---
Least Count	---
Calibration Site	On-Site

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 2.0 °C
Humidity	45 to 75 % RH

STANDARD REFERENCE DETAILS

Traceable to National Standard (NPL, New Delhi)			
Name of the Standard	Make/Model	Certificate No.	Calibration Agency
Digital Tachometer	Lutron/DT-2234C	V-200320-1-1	Godrej, Gujrat
USED EQUIPMENT DETAILS	Not Applicable		
PRINCIPLE/METHODOLOGY OF CALIBRATION:	As per Calibration Procedure No.: ICS/CAL/SOP-RPM01 (Comparison Method)		
RESULTS: Mechanical Calibration MEASUREMENT: (in RPM)	CORRECTED VALUE OF TACHOMETER READING		

U.U.C. SPEED KNOB POSITION

Reading # 1	29.2
Reading # 2	29.5
Reading # 3	30.1
Reading # 4	29.7
Reading # 5	30.2

Uncertainty at approx 95% C.L. and coverage factor k=2 ± 2

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

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 Authorized Signatory
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CALIBRATION CERTIFICATE

CALIBRATION CERTIFICATE OF REFRIGERATOR

Certificate No:	20100008396	Issued On:	31/08/2020
ULR No:	CC214620100008396F	Calibration Date:	29/08/2020
Job Identification No:	ICS/C/T/08/8396	Next Calibration Date:	28/08/2021
Ref. No:	SRF, Dated -27/08/2020		

CALIBRATED FOR:

M/s Gurunanak Diagnostics,
Parmar Hospital, Bela Road, Ropar(Funjab).

EQUIPMENT DESCRIPTION

Name	Refrigerator
Make/Model	LG
Visual Inspection	OK
I.D. No.	RF-01
Serial No.	---
Range	2 to 8°C
Location	Least Count
	On-Site

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)

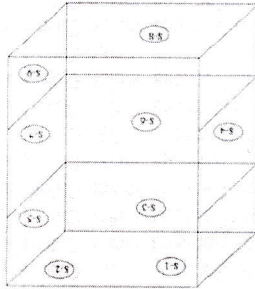
Name of the Standard	Temp. & Hum. HTC/	Certificate No.	2010000002-10	Calibration Agency/Traceability	Indian Calibration Services, Delhi	Date of Calibration	01-01-2020	Valid up to	01-01-2021
USED EQUIPMENT DETAILS		Calibrated RTD Sensors							
PRINCIPLE/METHODOLOGY OF CALIBRATION:		As per Calibration Procedure No.: ICS-/CAL/SOP-TH02, ITS-90 (Measurement Method)							

RESULTS: Thermal Calibration

All readings are in "°C"

Set Value in °C	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	Uncertainty(with 95% C.L. at k=2) (°C)
2 to 8	3.3	3.4	3.8	5.0	5.1	4.8	4.6	4.7	4.6	± 1.83
Max Stability:-	0.4									
Max Uniformity:-	1.3									

Refrigerator



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For and on behalf of
Indian Calibration Services
Authorised Signatory
Checked by

RAJESH KAPOOR

Checked by

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CALIBRATION CERTIFICATE

CALIBRATION CERTIFICATE OF MICROSCOPE

Certificate No:	20085000073	Issued On:	31/08/2020
Job Identification No:	ICS/C/08-5/73	Calibration Date:	29/08/2020
Ref. No:	SRF - Dated: 27/08/2020	Next Calibration Date:	28/08/2021

CALIBRATED FOR:

M/s Gurunak Diagnostics,
 Parmar Hospital, Bela Road, Ropar(Punjab).

EQUIPMENT DESCRIPTION

Name	Microscope
Make/Model	Olympus
Serial No.	---
Range	4X, 10X
Location	---
Visual Inspection	OK
I.D. No.	MS-01
Eye Piece/Least Count	---
Calibration Site	On Site

ENVIRONMENTAL CONDITIONS

Temperature	20.0 °C ± 2.0 °C	Humidity	50 ± 10 % RH
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STANDARD REFERENCE DETAILS

Traceable to National Standard

Name of the Standard	Make/Model	Certificate No.	Calibration Agency/Traceability	Date of Calibration	Valid up to
Slip Gauges Set	Adtya/ 2938	TI/F/SGS/061/20	Tanson Instrument, Faridabad	24/06/2020	23/06/2022
Glass Scale	-/ ICS/STD/91	TI//GS/005/18	Tanson, Fbd	27/09/2018	26/09/2020

USED EQUIPMENT DETAILS	N/A
PRINCIPLE/METHODOLOGY OF CALIBRATION:	As per Calibration Procedure No.: ICS/CAL/SOP-PD31

RESULTS:

Parameter	Specified Magnification	STD Value	Measured Value On Magnification (mm)	Uncertainty at approx 95% C.L and coverage factor k=2
Magnification	4 X	1 mm	4.0	± 0.18% of magnification
Magnification	10 X	1 mm	10.0	± 0.18% of magnification

REMARKS:

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CALIBRATION CERTIFICATE

CALIBRATION CERTIFICATE OF DIGITAL THERMO-HYGROMETER

Certificate No:	20100008302	Issued On:	29/08/2020
ULR No:	CC214620100008302F	Calibration Date:	27/08/2020
Job Identification No:	ICS/C/T/08/8302	Next Calibration Date:	26/08/2021
Ref. No:	SRF, Dated -25/08/2020		

CALIBRATED FOR:

M/s Gurnanak Diagnostics,
 Parmar Hospital, Bela Road, Ropar(Punjab).

EQUIPMENT DESCRIPTION

Name	Digital Thermo-Hygrometer
Make/Model	HTC-1
Serial No.	---
Range	-50°C to 70°C / 10 to 90% (RH)
Location	---
Visual Inspection	OK
I.D. No.	DTHM-01
Least Count	0.1°C / 1% RH
Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0 °C
Humidity	50 ± 10% RH

STANDARD REFERENCE DETAILS

Traceable to National Standard (NPL, New Delhi)

Name of the Standard	Make/Model	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
Temp. & Hum. Ind. with Sensor	Rotronic/HP-22A	ETL/225219/C/F/750	FCRI, Kerala	30/12/2019 - 03/01/2020	03/01/2021

RESULTS: Thermal Calibration

(On Working Range)

U.U.C. Reading	Corrected Value of Standard (Avg.)	Uncertainty at approx 95% C.L. coverage factor k=2
Temperature	Humidity	Temperature
20.0 °C	40% RH	± 0.33°C
25.0 °C	60% RH	± 0.33°C
30.0 °C	75% RH	± 0.33°C
40.0 °C	90% RH	± 0.33°C

REMARKS:

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CALIBRATION CERTIFICATE

CALIBRATION CERTIFICATE OF DIGITAL THERMOMETER WITH SENSOR

Certificate No:	20100008303	Issued On:	29/08/2020
ULR No:	CC214620100008303F	Calibration Date:	27/08/2020
Job Identification No:	ICS/C/T/08/8303	Next Calibration Date:	26/08/2021
Ref. No:	SRF, Dated -25/08/2020		

CALIBRATED FOR:

M/s Gurnanak Diagnostics,
 Parmar Hospital, Bela Road, Ropar(Punjab).

EQUIPMENT DESCRIPTION

Name	Digital Thermometer with Sensor
Make/Model	---
Serial No.	---
Range	-50 to 110°C
Location	---
Visual Inspection	OK
I.D. No.	DTM-01
Least Count	0.1°C
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			
Name of the Standard	Make/Model	Certificate No.	Calibration Agency/Traceability
RTD Sensor with Digital Indicator	Udian	ERTL(N)/2020/AR0878	ERTL (NORTH)
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 (On Working Range)			

U.U.C. READING (in °C)	CORRECTED VALUE OF STANDARD (in °C) (Avg.)	Uncertainty at approx 95% C.L and coverage factor k=2 (in °C)
-20.0	-19.925	± 0.18
30.0	30.051	± 0.28
50.0	50.097	± 0.28
80.0	80.156	± 0.28
100.0	100.229	± 0.41

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CALIBRATION CERTIFICATE

CALIBRATION CERTIFICATE OF DIGITAL THERMOMETER WITH SENSOR

Certificate No:	20100008304
ULR No:	CC214620100008304F
Job Identification No:	ICS/C/T/08/8304
Ref. No:	SRF, Dated -25/08/2020
Issued On:	29/08/2020
Calibration Date:	27/08/2020
Next Calibration Date:	26/08/2021

CALIBRATED FOR: M/s Gurnanak Diagnostics, Parmar Hospital, Bela Road, Ropar(Punjab).

EQUIPMENT DESCRIPTION	
Name	Digital Thermometer with Sensor
Make/Model	---
Serial No.	---
Range	-50 to 110°C
Location	---
Visual Inspection	Ok
I.D. No.	DTM-02
Least Count	0.1°C
Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS	
Temperature	25.0 °C ± 3.0 °C
Humidity	50 ± 10 % RH

STANDARD REFERENCE DETAILS			
Traceable to National Standard			
Name of the Standard	Make/Model	Certificate No.	Calibration Agency/Traceability
RTD Sensor with Digital Indicator	Udian	ERTL(N)/2020/AR0878	ERTL (NORTH)
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 (On Working Range)			

U.U.C. READING (in °C)	CORRECTED VALUE OF STANDARD (in °C) (Avg.)	Uncertainty at approx 95% C.L and coverage factor k=2 (in °C)
-20.0	-19.883	± 0.18
30.0	30.078	± 0.28
50.0	50.131	± 0.28
80.0	80.207	± 0.28
100.0	100.292	± 0.41

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

Note : 1. 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.
 2. The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
 3. Total liability of our Organisation is limited to the invoiced amount.
 4. Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
 5. In case any reconfirmation of contents of this Calibration Certificate is required, Please contact our office.
 6. The calibration certificate/Test Report is valid only for the condition of the UVC at the time under stated condition of calibration.

For and on behalf of
RAJESH KAPOOR
 Indian Calibration Services
 Checked by: *[Signature]*



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 : indiancalibration@indianservices.com Website : www.multitechs.com

CALIBRATION CERTIFICATE OF DIGITAL THERMOMETER WITH SENSOR

Certificate No:	20100008305
ULR No:	CC214620100008305F
Job Identification No:	ICS/C/T/08/8305
Ref. No:	SRF, Dated -25/08/2020
Issued On:	29/08/2020
Calibration Date:	27/08/2020
Next Calibration Date:	26/08/2021

CALIBRATED FOR: M/s Gurunanak Diagnostics, Parmar Hospital, Bela Road, Ropar (Punjab).

EQUIPMENT DESCRIPTION	
Name	Digital Thermometer with Sensor
Make/Model	---
Serial No.	---
Range	-50 to 110°C
Location	---
Least Count	0.1°C
Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS	
Temperature	25.0 °C ± 3.0 °C
Humidity	50 ± 10 % RH

STANDARD REFERENCE DETAILS	
Traceable to National Standard	
Name of the Standard	RTD Sensor with Digital Indicator
Make/Model	Udian
Certificate No.	ERTL(N)/2020/AR0878
Agency/Traceability	ERTL (NORTH)
Date of Calibration	25/02/2020
Valid up to	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 (On Working Range)	

U.U.C. READING (in °C)	CORRECTED VALUE OF STANDARD (in °C) (Avg.)	Uncertainty at approx 95% C.L. and coverage factor k=2 (in °C)
-20.0	-19.936	± 0.18
30.0	30.081	± 0.28
50.0	50.157	± 0.28
80.0	80.249	± 0.28
100.0	100.362	± 0.41

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

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Checked by:

For and on behalf of: **RAJESH KAPOOR**
 Indian Calibration Services
 Authorised Signatory



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 E-mail : indiancalibration@indiancalibration.com Website : www.multitechics.com

CALIBRATION CERTIFICATE OF DIGITAL THERMOMETER WITH SENSOR

Certificate No:	20100008306
ULR No:	CC214620100008306F
Job Identification No:	ICS/C/T/08/8306
Ref. No:	SRF, Dated -25/08/2020
Issued On:	29/08/2020
Calibration Date:	27/08/2020
Next Calibration Date:	26/08/2021

CALIBRATED FOR: M/s Gurunank Diagnostics, Parmar Hospital, Bela Road, Ropar (Punjab).

EQUIPMENT DESCRIPTION	
Name	Digital Thermometer with Sensor
Make/Model	---
Serial No.	---
Range	-50 to 110°C
Location	---
Least Count	0.1°C
In-Lab	Calibration Site

ENVIRONMENTAL CONDITIONS	
Temperature	25.0 °C ± 3.0 °C
Humidity	50 ± 10 % RH

STANDARD REFERENCE DETAILS			
Traceable to National Standard			
Name of the Standard	Make/Model	Certificate No.	Calibration Agency/Traceability
RTD Sensor with Digital Indicator	Udian	ERTL(N)/2020/AR0878	ERTL (NORTH)
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 (On Working Range)			

U.U.C. READING (in °C)	CORRECTED VALUE OF STANDARD (in °C) (Avg.)	Uncertainty at approx 95% C.L and coverage factor k=2 (in °C)
-20.0	-20.134	± 0.18
30.0	29.926	± 0.28
50.0	49.830	± 0.28
80.0	79.777	± 0.28
100.0	99.712	± 0.41

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

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Checked by:

For and on behalf of Indian Calibration Services
 Authorised Signatory: