

# APEX QUALITY CERTIFICATION SERVICES PVT. LTD.

Add.: 161, Kasturba Nagar, Nirman Nagar, Jaipur-302 019 Ph.: 0141-4036776, 9414079483, 9636293333 Email: apex.qcs@gmail.com NABL ACCREDITED LAB
Cert. No.: CC-2298

### CALIBRATION CERTIFICATE

ULR: CC229821000001543F	DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21061401.011
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)	Date of Issue of Certificate	17/06/2021
House No. 12, Near Ambedkar Circle, Lajpat Nagar,	Date of Calibration	14/06/2021
Alwar-301001 (Rajasthan)	Recommended due date	13/06/2022
Mindi 202002 (majasman)		

Service Request No	).	210612/02		INSTRUMENT D	ESCRIPTIO	V
Service Request Da		12/06/2021		Nomenclature	Digital Th	ermometer with sensor
DUC Receipt Date		14/06/2021		Make	R-tek	
DUC Condition		Ok		Model	Multi	
Cal. Performed At		Site		Sr. No. / Ident.	20171238	3281 / BLAL/AL/THM/01
Procedure Followe	d	CP/TH-08		Range	2-8	°C
Environmental Co				Least Count	0.1	°C
Temperature	30±10°C	Rel. Hum.	50±10%	Location		

#### STANDARD EQUIPMENT USED:

September 1	Nomenclature	Range	Uncertainty (±)	Identification No.	Traceability Certificate No.	Valid up to
-	PT100, 4 wire RTD with Indicator	-80 to 200 °C	0.1 to 0.15 °C	11339 /16A046131	TL/021/513.1.1	03-06-2022

#### **CALIBRATION RESULT**

Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
1.98	2.1	0.12	2.5
2.75	2.9	0.15	2.5
5.03	5.2	0.17	2.5
6.90	7.1	0.20	2.5
7.66	7.9	0.24	2.5

#### REMARKS:

- 1. Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.
- 2. The result reported in this certificate is valid at the time of and under the stated conditions of Measurement for the particular item and instrument identified above.
- 3. This certificate shall not be reproduced, except in full, unless a written permission for the publication of an approved abstract has been obtained from the Director, Apex Quality Certification Services Pvt. Ltd. Jaipur

4. Format Number.: F-05/00

Calibrated by

(V. B. Mathew)

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Approved by

(R. R. Yadav)

Quality Manager



## **APEX QUALITY CERTIFICATION** SERVICES PVT. LTD.

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Email: apex.qcs@gmail.com



NABL ACCREDITED LAB Cert. No.: CC-2298

CALIBRATION CERTIFICATE

CALIBRATIOS  ULR: CC229821000001544F  CUSTOMER'S DETAILS  M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)  House No. 12, Near Ambedkar Circle, Lajpat Nagar,  Alwar-301001 (Rajasthan)	DISCIPLINE Thermal  CERTIFICATE NO.:  Date of Issue of Certificate  Date of Calibration  Recommended due date	Page 01 of 01  AQCS/21061401.012 17/06/2021 14/06/2021 13/06/2022
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Service Request No. Service Request Date DUC Receipt Date DUC Condition	210612/02 12/06/2021 14/06/2021 Ok		INSTRUMENT D Noncenclature Make Model Sr. No. / Ident.	Digital Thermometer with sensor R-tek Multi 20171238300 / BLAL/AL/THM/02
Cal. Performed At Procedure Followed	CP/TH-08		Range Least Count	2-8 °C °C
Environmental Condition Temperature 30±10°C		50±10%	Location PMENT USED:	

Temperature	30±10°C	Rei. Huiti. 3022070	DAACNIT LISED.		
		STANDARD EQUI	Identification	Traceability Certificate No.	Valid up to
Nomenclature	Range	Unicertainty (+)	1101		
PT100, 4 wire RTD	-80 to 200 °C	0.1 to 0.15 °C	/16A046131	TL/021/513.1.1	03-06-2022
with Indicator		CALIRDATIO	N RESULT		

	CALIBRATION RES		Expanded
(00)	Measurement DUC (°C)	Error (°C)	Uncertainty ± (°C)
/alue on standard (°C)		-0.13	2.5
2.23	2.1	-0.14	2.5
3.24	3.1	-0.15	2.5
5.05	4.9	-0.17	2.5
7.27	7.1	-0.22	2.5
8.12	7.9		

- 1. Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.
- 2. The result reported in this certificate is valid at the time of and under the stated conditions of Measurement for the particular item and
- 3. This certificate shall not be reproduced, except in full, unless a written permission for the publication of an approved abstract has been obtained from the Director, Apex Quality Certification Services Pvt. Ltd. Jaipur Approved by

4. Format Number.: F-06/00

Calibrated by

Malle (R. R. Yadav)

Quality Manager