



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 M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW) House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001 (Rajasthan)	CERTIFICATE NO.: AQCS/21061401.011 Date of Issue of Certificate 17/06/2021 Date of Calibration 14/06/2021 Recommended due date 13/06/2022	

Service Request No. 210612/02 Service Request Date 12/06/2021 DUC Receipt Date 14/06/2021 DUC Condition Ok Cal. Performed At Site Procedure Followed CP/TH-08 Environmental Condition Temperature 30±10°C Rel. Hum. 50±10%	INSTRUMENT DESCRIPTION Nomenclature Digital Thermometer with sensor Make R-tek Model Multi Sr. No. / Ident. 20171238281 / BLAL/AL/THM/01 Range 2-8 °C Least Count 0.1 °C Location --
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STANDARD EQUIPMENT USED:

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

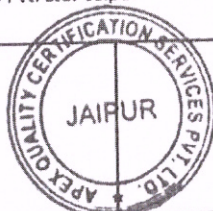
Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
1.98	2.1	0.12	2.5
2.75	2.9	0.15	2.5
5.03	5.2	0.17	2.5
6.90	7.1	0.20	2.5
7.66	7.9	0.24	2.5

REMARKS :

- Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.
- 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.
- 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
- Format Number.: F-05/00

Calibrated by

(V. B. Mathew)



Approved by

(R. R. Yadav)
Quality Manager



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CALIBRATION CERTIFICATE

ULR: CC22982100001544F	DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW) House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001 (Rajasthan)	CERTIFICATE NO.: AQCS/21061401.012 Date of Issue of Certificate 17/06/2021 Date of Calibration 14/06/2021 Recommended due date 13/06/2022	

Service Request No. 210612/02 Service Request Date 12/06/2021 DUC Receipt Date 14/06/2021 DUC Condition Ok Cal. Performed At Site Procedure Followed CP/TH-08 Environmental Condition Temperature 30±10°C Rel. Hum. 50±10%	INSTRUMENT DESCRIPTION Non-enclosure Digital Thermometer with sensor Make R-tek Model Multi Sr. No. / Ident. 20171238300 / BLAL/AL/THM/02 Range 2-8 °C Least Count 0.1 °C Location --
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STANDARD EQUIPMENT USED:					
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

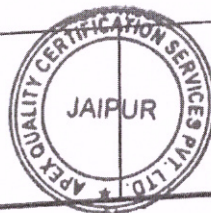
CALIBRATION RESULT			
Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
2.23	2.1	-0.13	2.5
3.24	3.1	-0.14	2.5
5.05	4.9	-0.15	2.5
7.27	7.1	-0.17	2.5
8.12	7.9	-0.22	2.5

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CALIBRATION CERTIFICATE

ULR: CC229821000001540F	DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21061401.008
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

Service Request No.	210612/02	INSTRUMENT DESCRIPTION	
Service Request Date	12/06/2021	Nomenclature	Temperature Indicator with sensor of Deep Freezer
DUC Receipt Date	14/06/2021	Make	R-tek
DUC Condition	Ok	Model	NA
Cal. Performed At	Site	Sr. No. / Ident.	20171238281 / BLAL/AL/THM/01
Procedure Followed	CP/TH-08	Range	-20 to -10 °C
Environmental Condition		Least Count	0.1 °C
Temperature 30±10°C	Rel. Hum. 50±10%	Location	--

STANDARD EQUIPMENT USED:

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

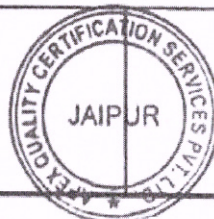
Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
-9.87	-10.0	-0.13	2.5
-13.83	-14.0	-0.17	2.5
-17.79	-18.0	-0.21	2.5
-19.76	-20.0	-0.24	2.5

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