



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



CALIBRATION CERTIFICATE

ULR: CC22982300002903F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS		CERTIFICATE NO.:
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)		AQCS/23101401.002
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001, Rajasthan		Date of Issue of Certificate 16/10/2023
		Date of Calibration 14/10/2023
		Recommended due date 13/10/2024

Service Request No.	231013/04	INSTRUMENT DESCRIPTION	
Service Request Date	13/10/2023	Nomenclature	Micropipette
DUC Receipt Date	13/10/2023	Make	Mispa i2
DUC Condition	Ok	Model	NA
Cal. Performed At	Lab	Sr. No. / Ident.	YN4A007556 / BLAL/AL/MICP/03
Procedure Followed	CP/VM-01	Range	20-200 µl
Environmental Condition		Least Count	0.2 µl
Temperature 25±2°C	Rel. Hum. 50±10%	Location	--

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
weighing Balance	0 to 220 g	0.00002 & 0.0002 g	556300	TSC/22-23/17786-1	29/02/2024

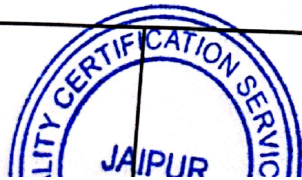
Standards used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULT

Value (µl)	Observed Value on Standard (µl)	Error (µl)	Average Value at 27°C (µl)	Expanded Uncertainty ± (µl)
20.0	19.83	0.17	19.84	0.66
50.0	49.81	0.19	49.82	0.66
100.0	99.78	0.22	99.79	0.66
150.0	149.76	0.24	149.77	0.66
200.0	199.74	0.26	199.75	0.66

Uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.
 Reported in this certificate is valid at the time of and under the stated conditions of Measurement for the particular item and instrument.
 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 Apex Quality Certification Services Pvt. Ltd. Jaipur.
 Volumetric measures done is meant for scientific and industrial purpose only, However, if used for commercial trading, additional approval shall be complied as required by Dept. of legal Calibration, regulatory bodies etc.
 Date: F-06/00

Calibrated by



Approved by



APEX QUALITY CERTIFICATION SERVICES PVT. LTD.

Add.: 161, Kasturba Nagar, Nirman Nagar, Jaipur-302 019

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CALIBRATION CERTIFICATE

ULR: CC229823000002904F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQC5/23101401.003
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)	Date of Issue of Certificate	16/10/2023
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001, Rajasthan	Date of Calibration	14/10/2023
	Recommended due date	13/10/2024

Service Request No.	231013/04	INSTRUMENT DESCRIPTION	
Service Request Date	13/10/2023	Nomenclature	Micropipette
DUC Receipt Date	13/10/2023	Make	Thermo Scientific
DUC Condition	Ok	Model	F3
Lab. Performed At	Lab	Sr. No. / Ident.	QW06861 / BLAL/AL/MICP/04
Procedure Followed	CP/VM-01	Range	100-1000 µl
Environmental Condition		Least Count	1 µl
Temperature 25±2°C	Rel. Hum. 50±10%	Location	--

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
weighing Balance	0 to 220 g	0.0002 & 0.0002 g	556300	TSC/22-23/17786-1	29/02/2024

Standards used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULT

Volume (µl)	Observed Value on Standard (µl)	Error (µl)	Average Value at 27°C (µl)	Expanded Uncertainty ± (µl)
100	99.75	0.25	99.76	0.66
250	249.70	0.30	249.72	0.66
500	499.62	0.38	499.66	0.66
750	749.55	0.45	749.60	0.66
1000	999.56	0.44	999.63	0.66

The uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above. Reported in this certificate is valid at the time of and under the stated conditions of Measurement for the particular item and instrument only.

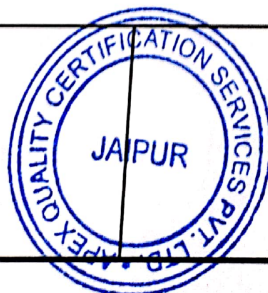
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The volumetric measures done is meant for scientific and industrial purpose only, However, if used for commercial trading, additional approval shall be complied as required by Dept. of legal Calibration, regulatory bodies etc.

Rev.: F-06/00

Calibrated by

(Sachin Yadav)



Approved by

(R. R. Yadav)
Quality Manager



APEX QUALITY CERTIFICATION SERVICES PVT. LTD.

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CC-2298

CALIBRATION CERTIFICATE

CC229823000002905F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/23101401.004
DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)	Date of Issue of Certificate	16/10/2023
No. 12, Near Ambedkar Circle, Lajpat	Date of Calibration	14/10/2023
, Alwar-301001, Rajasthan	Recommended due date	13/10/2024

Request No.	231013/04	INSTRUMENT DESCRIPTION	
Request Date	13/10/2023	Nomenclature	Micropipette
Receipt Date	13/10/2023	Make	Thermo Scientific
Condition	Ok	Model	F3
Performed At	Lab	Sr. No. / Ident.	QW06878 / BLAL/AL/MICP/07
Procedure Followed	CP/VM-01	Range	100-1000 µl
Initial Condition		Least Count	1 µl
Temperature	25±2°C	Location	--
Relative Humidity	Rel. Hum. 50±10%		

STANDARD EQUIPMENT USED:

Instrument	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
Balance	0 to 220 g	0.00002 & 0.0002 g	556300	TSC/22-23/17786-1	29/02/2024

All standards used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULT

Observed Value on Standard (µl)	Error (µl)	Average Value at 27°C (µl)	Expanded Uncertainty ± (µl)
99.81	0.19	99.82	0.66
249.76	0.24	249.78	0.66
499.69	0.31	499.72	0.66
749.61	0.39	749.66	0.66
999.62	0.38	999.69	0.66

Accuracy of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.

This certificate is valid at the time of and under the stated conditions of Measurement for the particular item and instrument.

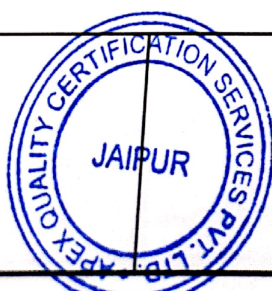
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The measurements done are meant for scientific and industrial purpose only, However, if used for commercial trading, additional measurements shall be complied as required by Dept. of legal Calibration, regulatory bodies etc.

00

Calibrated by

(Sachin Yadav)



Approved by

(R. R. Yadav)
Quality Manager



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CALIBRATION CERTIFICATE

ULR: CC229823000002902F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS		CERTIFICATE NO.:
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)		AQC5/23101401.001
House No. 12, Near Ambedkar Circle, Lajpat		Date of Issue of Certificate
Nagar, Alwar-301001, Rajasthan		16/10/2023
		Date of Calibration
		14/10/2023
		Recommended due date
		13/10/2024

Service Request No.	231013/04	INSTRUMENT DESCRIPTION	
Service Request Date	13/10/2023	Nomenclature	Micropipette
DUC Receipt Date	13/10/2023	Make	Sapsun
DUC Condition	Ok	Model	NA
Cal. Performed At	Lab	Sr. No. / Ident.	71605235 / BLAL/AL/MICP/01
Procedure Followed	CP/VM-01	Range	20-200 µl
Environmental Condition		Least Count	0.2 µl
Temperature	25±2°C	Location	--
Rel. Hum.	50±10%		

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
weighing Balance	0 to 220 g	0.00002 & 0.0002 g	556300	TSC/22-23/17786-1	29/02/2024

Standards used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULT

Value (µl)	Observed Value on Standard (µl)	Error (µl)	Average Value at 27°C (µl)	Expanded Uncertainty ± (µl)
20.0	19.89	0.11	19.89	0.66
50.0	49.85	0.15	49.86	0.66
100.0	99.81	0.19	99.81	0.66
50.0	149.77	0.23	149.79	0.66
100.0	199.73	0.27	199.74	0.66

Uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.

Reported in this certificate is valid at the time of and under the stated conditions of Measurement for the particular item and instrument.

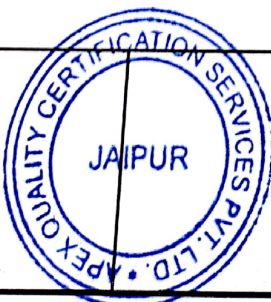
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The volumetric measures done is meant for scientific and industrial purpose only, However, if used for commercial trading, additional approval shall be complied as required by Dept. of legal Calibration, regulatory bodies etc.

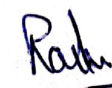
Ref: F-06/00

Calibrated by


(Sachin Yadav)



Approved by


(R. R. Yadav)
Quality Manager





APEX QUALITY CERTIFICATION SERVICES PVT. LTD.

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CALIBRATION CERTIFICATE

ULR: CC229823000002906F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS		CERTIFICATE NO.:
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)		AQCS/23101401.005
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001, Rajasthan		Date of Issue of Certificate
		16/10/2023
		Date of Calibration
		14/10/2023
		Recommended due date
		13/10/2024

Service Request No.	231013/04	INSTRUMENT DESCRIPTION	
Service Request Date	13/10/2023	Nomenclature	Micropipette
Receipt Date	13/10/2023	Make	Erba
Condition	Ok	Model	NA
Performed At	Lab	Sr. No. / Ident.	OH514550 / BLAL/AL/MICP/10
Procedure Followed	CP/VM-01	Range	100-1000 µl
Environmental Condition		Least Count	1 µl
Temperature	25±2°C	Location	--
Rel. Hum.	50±10%		

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
Calibrating Balance	0 to 220 g	0.00002 & 0.0002 g	556300	TSC/22-23/17786-1	29/02/2024

Equipment used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULT

(µl)	Observed Value on Standard (µl)	Error (µl)	Average Value at 27°C (µl)	Expanded Uncertainty ± (µl)
100	99.86	0.14	99.87	0.66
200	249.82	0.18	249.83	0.66
300	499.76	0.24	499.80	0.66
400	749.70	0.30	749.76	0.66
500	999.65	0.35	999.72	0.66

Expanded Uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.

The validity of this certificate is valid at the time of and under the stated conditions of Measurement for the particular item and instrument.

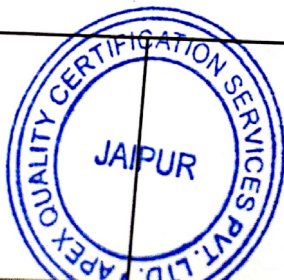
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The accuracy of the metrological measures done is meant for scientific and industrial purpose only, However, if used for commercial trading, additional measures shall be complied as required by Dept. of legal Calibration, regulatory bodies etc.

01/00

Calibrated by

(Sachin Yadav)



Approved by

(R. R. Yadav)

Quality Manager



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CALIBRATION CERTIFICATE

ULR: CC229823000002908F	DISCIPLINE Mechanical	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.: Date of Issue of Certificate Date of Calibration Recommended due date	AQCS/23101401.007 16/10/2023 14/10/2023 13/10/2024

Service Request No.	231013/04	INSTRUMENT DESCRIPTION	
Service Request Date	13/10/2023	Nomenclature	Centrifuge Machine
DUC Receipt Date	14/10/2023	Make	Remi
DUC Condition	Ok	Model	R-8C BL
Cal. Performed At	Site	Sr. No. / Ident. No.	ZCGN-20563 / BLAL/AL/CFG/01
Procedure Followed	CP/RM/01	Range	0-6000 RPM
Environmental Condition		Least Count	10 RPM
Temperature 30±10°C	Rel. Hum. 50±10%	Location	--

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty (±)	Identification No.	Traceability Cert No.	Valid up to
Digital Tachometer	100 to 99,999	5 to 26	S101354	C&IJ/CAL/23-06/210	20/06/2024

Standards used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULT

Measured Value of RPM on Std.	Measured Value of RPM on DUC	Error in RPM	Expanded Uncertainty (± % of rdg.) in RPM
951.2	950	-1.2	2.37
1572	1570	-2	2.37
3344	3340	-4	1.04
4995	4990	-5	1.04
5978	5970	-8	1.04

Uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.

Reported in this certificate is valid at the time of and under the stated conditions of Measurement for the particular item and instrument.

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Rev.: F-06/00

Calibrated by

(V. B. Mathew)



Approved by

(R. R. Yadav)

Quality Manager





APEX QUALITY CERTIFICATION SERVICES PVT. LTD.

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CALIBRATION CERTIFICATE

ULR: CC229823000002909F	DISCIPLINE	Mechanical	Page 01 of 01
CUSTOMER'S DETAILS		CERTIFICATE NO.:	
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)		AGCS/23101401 008	
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001, Rajasthan		Date of Issue of Certificate	
		16/10/2023	
		Date of Calibration	
		14/10/2023	
		Recommended due date	
		13/10/2024	

Service Request No.	231013/04	INSTRUMENT DESCRIPTION	
Service Request Date	13/10/2023	Nomenclature	Centrifuge Machine
Receipt Date	14/10/2023	Make	Remi
Condition	Ok	Model	R-8C PLUS
Performed At	Site	Sr. No. / Ident. No.	ZEHN-26433 / BLAL/AL/CFG/02
Procedure Followed	CP/RM/01	Range	0-6000 RPM
Environmental Condition		Least Count	10 RPM
Temperature	30±10°C	Location	--
Rel. Hum.	50±10%		

STANDARD EQUIPMENT USED:

Instrument	Range	Uncertainty (±)	Identification No.	Traceability Cert No.	Valid up to
Tachometer	100 to 99,999	5 to 26	S101354	C&I/CAL/23-06/210	20/06/2024

Equipment used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULT

Value of 1 Std.	Measured Value of RPM on DUC	Error in RPM	Expanded Uncertainty (± % of rdg.) in RPM
5	950	0.5	2.37
?	1570	1	2.37
	3340	3	1.04
	4990	4	1.04
	5970	7	1.04

Uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.

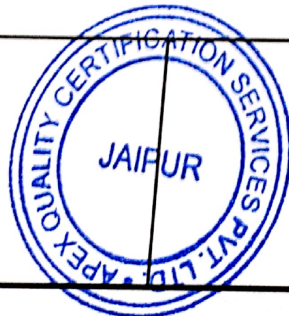
Validity of this certificate is valid at the time of and under the stated conditions of Measurement for the particular item and instrument

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 Certification Services Pvt. Ltd. Jaipur

06/00

Calibrated by

(V. B. Mathew)



Approved by

(R. R. Yadav)
Quality Manager



APEX QUALITY CERTIFICATION SERVICES PVT. LTD.



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CALIBRATION CERTIFICATE

Page 01 of 01

CERTIFICATE NO.: AQCS/23101401.10019		Date of Calibration : 14/10/2023	Recommended due date : 13/10/2024
CUSTOMER'S DETAILS		INSTRUMENT DESCRIPTION	
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW) House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001, Rajasthan		Nomenclature : Centrifuge Machine Make : Remi Model : R-303 Sr. No. : ZEFN-20008 Ident. No. : BLAL/AL/CFG/03 Range : 0-3500 RPM Least Count : NA Location : -- Cal. Performed At : Site	
Service Request No. : 231013/04 Dated: 13/10/2023			
STANDARD EQUIPMENT USED:			
Nomenclature	Identification No.	Traceability Certificate No.	Valid up to
Digital Tachometer	S101354	C&IJ/CAL/23-06/210	20-06-2024
ENVIRONMENTAL CONDITIONS:		PROCEDURE FOLLOWED:	
Temperature : $23 \pm 5^{\circ}\text{C}$ Relative Humidity : $50 \pm 10\%$		CP/RM-01	

CALIBRATION RESULT

S. No.	Set Knob on DUC	Measured Value on Standard RPM
1	1	1022
2	2	1273
3	3	1891
4	4	2684
5	5	3441

KS :

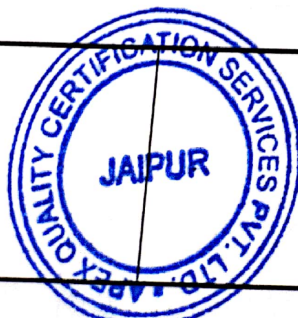
Estimated uncertainty of Measurement at approximately 95 % confidence level for coverage factor $k = 2$ is $\pm 2.37\%$ of reading. Result reported in this certificate is valid at the time of and under the stated conditions of Measurement for the particular item instrument identified above.

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Number.: F-06/00

Calibrated by

(V. B. Mathew)



Approved by

(R. R. Yadav)
Quality Manager



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CALIBRATION CERTIFICATE

ULR: CC229823000002910F	DISCIPLINE	Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQC5/23101401.	
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)	Date of Issue of Certificate	16/10/2023	
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001, Rajasthan	Date of Calibration	14/10/2023	
	Recommended due date	13/10/2024	

Service Request No.	231013/04	INSTRUMENT DESCRIPTION	
Service Request Date	13/10/2023	Nomenclature	Weighing Balance
DUC Receipt Date	14/10/2023	Make	Wensar
DUC Condition	Ok	Model	PGB 600
Cal. Performed At	Site	Sr. No. / Ident. No.	19C103 / BLAL/AL/WGB/01
Procedure Followed	CP/WI-01	Range	0-600 g
Environmental Condition		Readability	0.01 g
Temperature 30±10°C	Rel. Hum. 50±10%	Location	--

Accuracy class according to OIML R 76-1

Class II

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
SS Weights	0-200 gm	---	00014	NC-317	27/06/2025

Standards used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULT

Linearity

Avg. Std. Value (g)	Avg. Value on DUC (g)	Error (g)	Expanded Uncertainty (±g)	Maximum Permissible Error Details (MPE) according to Class II(±g)
0.1000013	0.10	-0.000001	0.019532	0.05
0.9999993	1.00	0.000001	0.019532	0.05
5.0000074	5.00	-0.000007	0.019532	0.05
10.000007	10.00	-0.000007	0.019532	0.05
50.000012	50.00	-0.000012	0.019532	0.05
100.000018	99.99	-0.010018	0.020895	0.05
200.00000	199.98	-0.020000	0.020895	0.05

The above errors are within the MPE Limits of Class II as per decision rule at para 4 below.

Repeatability The repeatability of the balance at 200g is 0.02g

Eccentricity The eccentricity of the balance is 0.02g

Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is as given above.

The calibration 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.

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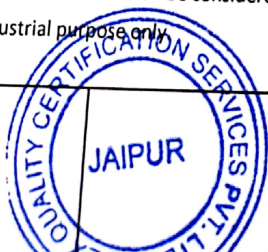
Maximum deviation ± Expanded uncertainty is ≤ to specification/acceptance limit than instrument shall be considered to be Pass, If Maximum deviation ± uncertainty > to specification/acceptance limit than instrument shall be considered to be Fail.

This calibration is done is meant for scientific and industrial purpose only.

Form No: F-06/00

Calibrated by

(V. B. Mathew)



Approved by

(R. R. Yadav)



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



CALIBRATION CERTIFICATE

ULR: CC22982300002913F	DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/23101401.012
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)	Date of Issue of Certificate	16/10/2023
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001, Rajasthan	Date of Calibration	14/10/2023
	Recommended due date	13/10/2024

Service Request No.	231013/04	INSTRUMENT DESCRIPTION	
Service Request Date	13/10/2023	Nomenclature	Temp. Indicator with Sensor on Incubator
DUC Receipt Date	14/10/2023	Make	NA
DUC Condition	Ok	Model	AI-7481
Cal. Performed At	Site	Sr. No. / Ident.	NA / BLAL/AL/INC/02
Procedure Followed	CP/TH-08	Range	30-110 °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	0.08 °C	11339 /16A046131	TL/023/698.1.1	09/06/2024

Standards used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULT

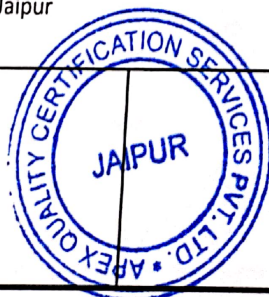
Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
29.95	30.2	0.25	1.25
49.79	50.1	0.31	1.25
69.63	70.1	0.47	1.25
89.38	89.9	0.52	1.25
109.07	109.8	0.73	1.25

NOTES:

The 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
 Certificate Number.: F-06/00

Calibrated by

(V. B. Mathew)



Approved by

(R. R. Yadav)
Quality Manager



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



CC-2298

CALIBRATION CERTIFICATE

ULR: CC229823000002907F	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.: Date of Issue of Certificate Date of Calibration Recommended due date	AQCS/23101401.006 16/10/2023 14/10/2023 13/10/2024

Service Request No.	231013/04	INSTRUMENT DESCRIPTION	
Service Request Date	13/10/2023	Nomenclature	Thermo Hygrometer
DUC Receipt Date	13/10/2023	Make	R-tek
DUC Condition	Ok	Model	NA
Cal. Performed At	Lab	Sr. No. / Ident.	RT-15107 / BLAL/AL/THG/01
Procedure Followed	CP/TH-11	Range	20-90 %RH 0-50 °C
Environmental Condition		Least Count	1 %RH 0.1 °C
Temperature	25±2.5°C	Rel. Hum.	50±10%
		Location	--

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty (±)	Identification No.	Traceability Certificate No.	Valid up to
Humidity & Temperature Meter	0-100%RH 10 to 60°C	0.8% 0.45°C	9120	C&IJ/CAL/23-07/084	17/07/2024

Standards used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULT

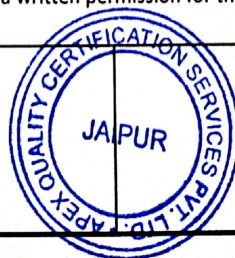
%RH @ 25°C			
Avg. Value on standard (%RH)	Avg. Measurement DUC (%RH)	Error (%RH)	Expanded Uncertainty ± (%RH)
19.53	20	0.47	1.64
48.37	49	0.63	1.64
87.21	88	0.79	1.64
°C @ 50%RH			
Avg. Value on standard (°C)	Avg. Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
5.04	5.3	0.26	0.49
25.21	25.6	0.39	0.49
49.25	49.8	0.55	0.49

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
- This certificate shall not be reproduced, except in full, unless a written permission for the publication of an approved abstract has been obtained
- Format Number.: F-06/00

Calibrated by

(Sachin Yadav)



Approved by

(R. R. Yadav)
Quality Manager