



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: CC229821000001533F	DISCIPLINE	Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21061401.001	
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, Alwar-301001 (Rajasthan)	Date of Calibration	14/06/2021	
	Recommended due date	13/06/2022	

Service Request No.	210612/02	INSTRUMENT DESCRIPTION	
Service Request Date	12/06/2021	Nomenclature	Centrifuge Machine
DUC Receipt Date	14/06/2021	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	Location	--
Rel. Hum.	50±10%		

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty (±)	Identification No.	Traceability Cert No.	Valid up to
Digital Tachometer	10 to 99,999	5 to 26	S999205	NCL/B/2021/34/01	25-02-2022

CALIBRATION RESULT

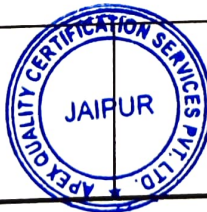
Measured Value of RPM on Std.	Measured Value of RPM on DUC	Error in RPM	Expanded Uncertainty (± % of rdg.) in RPM
710.3	710	-0.3	2.37
1251	1250	-1	2.37
2551	2550	-1	2.37
3582	3580	-2	1.04
6002	6000	-2	1.04

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-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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001534F	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/21061401.002 17/06/2021 14/06/2021 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/RM/01	Environmental Condition	Temperature 30±10°C	Rel. Hum. 50±10%	INSTRUMENT DESCRIPTION Nomenclature Centrifuge Machine Make Remi Model R-8C PLUS Sr. No. / Ident. No. ZEHN-26433 / BLAL/AL/CFG/02 Range 0-6000 RPM Least Count 10 RPM Location --
-------------------------------	---------------------------------	-----------------------------	------------------	------------------------	-----------------------------	-------------------------	---------------------	------------------	---

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty (±)	Identification No.	Traceability Cert No.	Valid up to
Digital Tachometer	10 to 99,999	5 to 26	S999205	NCL/B/2021/34/01	25-02-2022

CALIBRATION RESULT

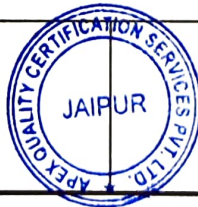
Measured Value of RPM on Std.	Measured Value of RPM on DUC	Error in RPM	Expanded Uncertainty (± % of rdg.) in RPM
799.4	800	0.6	2.37
1499	1500	1	2.37
2598	2600	2	2.37
3998	4000	2	1.04
5987	5990	3	1.04

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-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



NABL ACCREDITED LAB
 Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001535F	DISCIPLINE	Mechanical	Page 01 of 01
CUSTOMER'S DETAILS		CERTIFICATE NO.:	AQCS/21061401.003
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.		Date of Issue of Certificate	17/06/2021
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001 (Rajasthan)		Date of Calibration	14/06/2021
		Recommended due date	13/06/2022

Service Request No.	200525/02	INSTRUMENT DESCRIPTION	
Service Request Date	25/05/2020	Nomenclature	Weighing Balance
DUC Receipt Date	14/06/2021	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		Least Count	0.01 g
Temperature	30±10°C	Location	--
Rel. Hum.	50±20%		

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
SS Weights	0-200 gm	---	3134	SCW-0121-013	06-01-2023
SS Weights	0.5,1 Kg	1.2mg	36223588	3926/WB/001,002	03-10-2021

CALIBRATION RESULT

Linearity

Avg. Std. Value (g)	Avg. Value on DUC (g)	Error (g)	Expanded Uncertainty (±g)
0.050009	0.05	-0.000009	0.02
0.500013	0.49	-0.010013	0.02
0.999998	0.99	-0.009998	0.02
2.000012	1.99	-0.010012	0.02
5.000003	4.99	-0.010003	0.02
10.00003	9.99	-0.01003	0.02
20.00004	19.99	-0.01004	0.02
50.00003	49.98	-0.02003	0.03
100.00008	99.98	-0.02008	0.03
200.00007	199.96	-0.04007	0.05
600.00108	599.94	-0.06108	2.00

Repeatability The repeatability of the balance at 600g is 0.01g

Eccentricity The eccentricity of the balance is 0.01g

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-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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001536F	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/21061401.004 17/06/2021 14/06/2021 13/06/2022

Service Request No. Service Request Date DUC Receipt Date DUC Condition Cal. Performed At Procedure Followed Environmental Condition Temperature 30±10°C Rel. Hum. 50±10%	210612/02 12/06/2021 14/06/2021 Ok Site CP/TH-08	INSTRUMENT DESCRIPTION Nomenclature Temperature Indicator with sensor of HAO Make AICIL Model -- Sr. No. / Ident. ACL-495 / BLAL/AL/OVEN/01 Range 30-200 °C Least Count 0.1 °C 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)
29.75	29.9	0.15	1.25
49.82	50.0	0.18	1.25
79.59	79.8	0.21	1.25
149.75	150.0	0.25	1.25
199.72	200.0	0.28	1.25

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-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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001537F	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/21061401.005 17/06/2021 14/06/2021 13/06/2022

Service Request No. Service Request Date DUC Receipt Date DUC Condition Cal. Performed At Procedure Followed Environmental Condition Temperature 30±10°C Rel. Hum. 50±10%	210612/02 12/06/2021 14/06/2021 Ok Site CP/TH-08	INSTRUMENT DESCRIPTION Nomenclature Temperature Indicator with sensor of Incubator Make Sunlab Model UTC-421P Sr. No. / Ident. NA / BLAL/AL/INC/01 Range 30-110 °C Least Count 0.1 °C 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)
29.97	30.1	0.13	1.25
39.75	39.9	0.15	1.25
59.91	60.1	0.19	1.25
79.65	79.9	0.25	1.25
100.63	100.9	0.27	1.25

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-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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001538F		DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS		CERTIFICATE NO.:	AQCS/21061401.006
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, Alwar-301001 (Rajasthan)		Date of Calibration	14/06/2021
		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 Incubator
DUC Receipt Date	14/06/2021	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	0.1 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)
30.25	30.1	-0.15	1.25
40.29	40.1	-0.19	1.25
60.31	60.1	-0.21	1.25
80.35	80.1	-0.25	1.25
101.18	100.9	-0.28	1.25

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-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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001539F	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/21061401.007 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 Temperature Indicator with sensor of Deep Freezer Make Blue Star Model NA Sr. No. / Ident. 19AD001649 / BLAL/AL/DF/01 Range -20 to -10 °C Least Count 0.1 °C 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)
-9.88	-10.0	-0.12	2.5
-14.82	-15.0	-0.18	2.5
-17.78	-18.0	-0.22	2.5
-19.75	-20.0	-0.25	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-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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001540F		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/21061401.008	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	INSTRUMENT DESCRIPTION
Service Request Date 12/06/2021	Nomenclature Temperature Indicator with sensor of Deep Freezer
DUC Receipt Date 14/06/2021	Make Blue Star
DUC Condition Ok	Model NA
Cal. Performed At Site	Sr. No. / Ident. IN1080497991 / BLAL/AL/FREEZE/01
Procedure Followed CP/TH-08	Range -20 to -10 °C
Environmental Condition	Least Count 0.1 °C
Temperature 30±10°C	Location --
Rel. Hum. 50±10%	

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

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-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



NABL ACCREDITED LAB

Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001541F		DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS		CERTIFICATE NO.:	AQCS/21061401.009
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, Alwar-301001 (Rajasthan)		Date of Calibration	14/06/2021
		Recommended due date	13/06/2022

Service Request No.	210612/02	INSTRUMENT DESCRIPTION	
Service Request Date	12/06/2021	Nomenclature	Temperature Indicator of Autoclave
DUC Receipt Date	14/06/2021	Make	Stericox
DUC Condition	Ok	Model	NA
Cal. Performed At	Site	Sr. No. / Ident.	NA/ BLAL/AL/ATC/01
Procedure Followed	CP/TH-08	Range	30-121 °C
Environmental Condition		Least Count	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

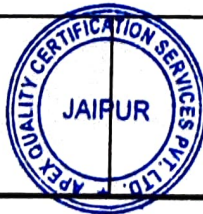
Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
28.85	29	0.15	1.25
49.81	50	0.19	1.25
75.19	75	0.21	1.25
89.75	90	0.25	1.25
120.72	121	0.28	1.25

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-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



NABL ACCREDITED LAB

Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001541F	DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.: AQCS/21061401.009	
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 of Autoclave
DUC Receipt Date 14/06/2021	Make	Stericox
DUC Condition Ok	Model	NA
Cal. Performed At Site	Sr. No. / Ident.	NA/ BLAL/AL/ATC/01
Procedure Followed CP/TH-08	Range	30-121 °C
Environmental Condition	Least Count	1 °C
Temperature 30±10°C	Location	--
Rel. Hum. 50±10%		

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

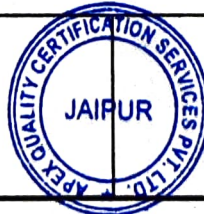
Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
28.85	29	0.15	1.25
49.81	50	0.19	1.25
75.19	75	0.21	1.25
89.75	90	0.25	1.25
120.72	121	0.28	1.25

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-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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC22982100001542F

CUSTOMER'S DETAILS		DISCIPLINE	Page 01 of 01
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)		Mechanical	
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001 (Rajasthan)		CERTIFICATE NO.:	AQCS/21061401.010
		Date of Issue of Certificate	17/06/2021
		Date of Calibration	14/06/2021
		Recommended due date	13/06/2022

Service Request No.		INSTRUMENT DESCRIPTION	
210612/02		Nomenclature	Pressure Gauge on Autoclave
Service Request Date	12/06/2021	Make	Stericox
DUC Receipt Date	14/06/2021	Model	NA
DUC Condition	Ok	Sr. No. / Ident. No.	NA/ BLAL/AL/ATC/01
Cal. Performed At	Site	Range	0-2.1 kg/cm ²
Procedure Followed	CP/PR-02	Least Count	0.05 kg/cm ²
Environmental Condition		Location	--
Temperature	30±10 °C		
Rel. Hum.	50±10%		

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty (±)	Identification No.	Traceability Certificate No.	Valid up to
Digital Pressure Gauge	-1 to 31 bar	0.006 to 0.030 bar	62267	C&I/ CAL/20-12/032	08-12-2021

CALIBRATION RESULT

Pressure on DUC		Measured Value on Std.(bar)		Average value on Std.(bar)	Error (bar)	Expanded Uncertainty (±bar)
kg/cm ²	bar	Ascending	Descending			
0.00	0.00	0.00	0.00	0.00	0.00	---
0.25	0.25	0.24	0.21	0.22	0.03	0.06
0.50	0.49	0.44	0.43	0.44	0.05	0.06
1.00	0.98	0.92	0.92	0.92	0.06	0.06
1.50	1.47	1.39	1.39	1.39	0.08	0.06
2.00	1.96	1.86	1.86	1.86	0.10	0.06
2.10	2.06	1.94	1.94	1.94	0.12	0.06

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-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



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.: Date of Issue of Certificate Date of Calibration Recommended due date	AQCS/21061401.011 17/06/2021 14/06/2021 13/06/2022

Service Request No. 210612/02	INSTRUMENT DESCRIPTION
Service Request Date 12/06/2021	Nomenclature Digital Thermometer with sensor
DUC Receipt Date 14/06/2021	Make R-tek
DUC Condition Ok	Model Multi
Cal. Performed At Site	Sr. No. / Ident. 20171238281 / BLAL/AL/THM/01
Procedure Followed CP/TH-08	Range 2-8 °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

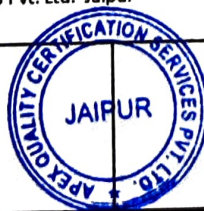
Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
1.98	2.1	0.12	2.5
2.75	2.9	0.15	2.5
5.03	5.2	0.17	2.5
6.90	7.1	0.20	2.5
7.66	7.9	0.24	2.5

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-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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001544F	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 Nomenclature 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 --
--	---

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

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-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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC22982100001546F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS		CERTIFICATE NO.: AQCS/21061602.001
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)		Date of Issue of Certificate 18/06/2021
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001 (Rajasthan)		Date of Calibration 16/06/2021
		Recommended due date 15/06/2022

Service Request No.	210612/02	INSTRUMENT DESCRIPTION	
Service Request Date	12/06/2021	Nomenclature	Micropipette
DUC Receipt Date	14/06/2021	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 μ l
Environmental Condition		Least Count	0.2 μ l
Temperature 25 \pm 2 $^{\circ}$ C	Rel. Hum. 50 \pm 10%	Location	--

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
Weighing Balance	0 to 220 g	0.00003 & 0.0004 g	556300	TC/6891/2020	07-12-2021

CALIBRATION RESULT

DUC Value (μ l)	Observed Value on Standard (μ l)	Error (μ l)	Average Value at 27 $^{\circ}$ C (μ l)	Expanded Uncertainty \pm (μ l)
20.0	19.88	0.12	19.88	0.66
50.0	49.87	0.13	49.87	0.66
100.0	99.84	0.16	99.85	0.66
150.0	149.81	0.19	149.82	0.66
200.0	199.77	0.23	199.79	0.66

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



NABL ACCREDITED LAB

Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001547F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21061602.002
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)	Date of Issue of Certificate	18/06/2021
House No. 12, Near Ambedkar Circle, Lajpat Nagar,	Date of Calibration	16/06/2021
Alwar-301001 (Rajasthan)	Recommended due date	15/06/2022

Service Request No.	210612/02	INSTRUMENT DESCRIPTION
Service Request Date	12/06/2021	Nomenclature Micropipette
DUC Receipt Date	14/06/2021	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 μ l
Environmental Condition		Least Count 0.2 μ l
Temperature 25 \pm 2 $^{\circ}$ C	Rel. Hum. 50 \pm 10%	Location --

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
Weighing Balance	0 to 220 g	0.00003 & 0.0004 g	556300	TC/6891/2020	07-12-2021

CALIBRATION RESULT

DUC Value (μ l)	Observed Value on Standard (μ l)	Error (μ l)	Average Value at 27 $^{\circ}$ C (μ l)	Expanded Uncertainty \pm (μ l)
20.0	19.72	0.28	19.72	0.66
50.0	49.70	0.30	49.71	0.66
100.0	99.70	0.30	99.71	0.66
150.0	149.67	0.33	149.68	0.66
200.0	199.63	0.37	199.64	0.66

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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001548F	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/21061602.003 18/06/2021 16/06/2021 15/06/2022

Service Request No.	210612/02	INSTRUMENT DESCRIPTION
Service Request Date	12/06/2021	Nomenclature Micropipette
DUC Receipt Date	14/06/2021	Make Mispa i2
DUC Condition	OK	Model NA
Cal. Performed At	Lab	Sr. No. / Ident. LW04084 / BLAL/AL/MICP/02
Procedure Followed	CP/VM-01	Range 2-20 μ l
Environmental Condition		Least Count 0.02 μ l
Temperature 25 \pm 2 $^{\circ}$ C	Rel. Hum. 50 \pm 10%	Location --

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
Weighing Balance	0 to 220 g	0.00003 & 0.0004 g	556300	TC/6891/2020	07-12-2021

CALIBRATION RESULT

DUC Value (μ l)	Observed Value on Standard (μ l)	Error (μ l)	Average Value at 27 $^{\circ}$ C (μ l)	Expanded Uncertainty \pm (μ l)
10.00	9.87	0.13	9.87	0.66
15.00	14.86	0.14	14.87	0.66
20.00	19.83	0.17	19.84	0.66

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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001549F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21061602.004
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)	Date of Issue of Certificate	18/06/2021
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001 (Rajasthan)	Date of Calibration	16/06/2021
	Recommended due date	15/06/2022

Service Request No.	210612/02	INSTRUMENT DESCRIPTION
Service Request Date	12/06/2021	Nomenclature Micropipette
DUC Receipt Date	14/06/2021	Make Thermo Scientific
DUC Condition	OK	Model NA
Cal. Performed At	Lab	Sr. No. / Ident. QW06861 / BLAL/AL/MICP/04
Procedure Followed	CP/VM-01	Range 100-1000 μ l
Environmental Condition		Least Count 1 μ l
Temperature 25 \pm 2 $^{\circ}$ C	Rel. Hum. 50 \pm 10%	Location --

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
Weighing Balance	0 to 220 g	0.00003 & 0.0004 g	556300	TC/6891/2020	07-12-2021

CALIBRATION RESULT

DUC Value (μ l)	Observed Value on Standard (μ l)	Error (μ l)	Average Value at 27 $^{\circ}$ C (μ l)	Expanded Uncertainty \pm (μ l)
100	99.79	0.21	99.80	0.66
250	249.77	0.23	249.79	0.66
500	499.76	0.24	499.80	0.66
750	749.71	0.29	749.76	0.66
1000	999.69	0.31	999.76	0.66

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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001550F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21061602.005
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)	Date of Issue of Certificate	18/06/2021
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001 (Rajasthan)	Date of Calibration	16/06/2021
	Recommended due date	15/06/2022

Service Request No.	210612/02	INSTRUMENT DESCRIPTION	
Service Request Date	12/06/2021	Nomenclature	Micropipette
DUC Receipt Date	14/06/2021	Make	Thermo Scientific
DUC Condition	OK	Model	NA
Cal. Performed At	Lab	Sr. No. / Ident.	OW12612 / BLAL/AL/MICP/06
Procedure Followed	CP/VM-01	Range	5-50 μ l
Environmental Condition		Least Count	0.1 μ l
Temperature 25 \pm 2 $^{\circ}$ C	Rel. Hum. 50 \pm 10%	Location	--

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
Weighing Balance	0 to 220 g	0.00003 & 0.0004 g	556300	TC/6891/2020	07-12-2021

CALIBRATION RESULT

DUC Value (μ l)	Observed Value on Standard (μ l)	Error (μ l)	Average Value at 27 $^{\circ}$ C (μ l)	Expanded Uncertainty \pm (μ l)
10.0	10.18	-0.18	10.18	0.66
20.0	20.23	-0.23	20.23	0.66
30.0	30.24	-0.24	30.24	0.66
40.0	40.31	-0.31	40.32	0.66
50.0	50.35	-0.35	50.35	0.66

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



NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC22982100001551F	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/21061602.006 18/06/2021 16/06/2021 15/06/2022

Service Request No.	210612/02	INSTRUMENT DESCRIPTION
Service Request Date	12/06/2021	Nomenclature Micropipette
DUC Receipt Date	14/06/2021	Make Thermo Scientific
DUC Condition	OK	Model F3
Cal. Performed At	Lab	Sr. No. / Ident. QW06878 / BLAL/AL/MICP/07
Procedure Followed	CP/VM-01	Range 100-1000 μ l
Environmental Condition		Least Count 1 μ l
Temperature 25 \pm 2 $^{\circ}$ C	Rel. Hum. 50 \pm 10%	Location --

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
Weighing Balance	0 to 220 g	0.00003 & 0.0004 g	556300	TC/6891/2020	07-12-2021

CALIBRATION RESULT

DUC Value (μ l)	Observed Value on Standard (μ l)	Error (μ l)	Average Value at 27 $^{\circ}$ C (μ l)	Expanded Uncertainty \pm (μ l)
100	99.86	0.14	99.87	0.66
250	249.85	0.15	249.86	0.66
500	499.83	0.17	499.86	0.66
750	749.78	0.22	749.84	0.66
1000	999.73	0.27	999.80	0.66

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



NABL ACCREDITED LAB

Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000001552F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21061602.007
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)	Date of Issue of Certificate	18/06/2021
House No. 12, Near Ambedkar Circle, Lajpat Nagar, Alwar-301001 (Rajasthan)	Date of Calibration	16/06/2021
	Recommended due date	15/06/2022

Service Request No.	210612/02	INSTRUMENT DESCRIPTION	
Service Request Date	12/06/2021	Nomenclature	Micropipette
DUC Receipt Date	14/06/2021	Make	Erba
DUC Condition	OK	Model	NA
Cal. Performed At	Lab	Sr. No. / Ident.	OH514550 / BLAL/AL/MICP/10
Procedure Followed	CP/VM-01	Range	100-1000 μ l
Environmental Condition		Least Count	1 μ l
Temperature 25 \pm 2 $^{\circ}$ C	Rel. Hum. 50 \pm 10%	Location	--

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
Weighing Balance	0 to 220 g	0.00003 & 0.0004 g	556300	TC/6891/2020	07-12-2021

CALIBRATION RESULT

DUC Value (μ l)	Observed Value on Standard (μ l)	Error (μ l)	Average Value at 27 $^{\circ}$ C (μ l)	Expanded Uncertainty \pm (μ l)
100.0	100.23	-0.23	100.24	0.66
250.0	250.25	-0.25	250.26	0.66
500.0	500.27	-0.27	500.31	0.66
750.0	750.31	-0.31	750.37	0.66
1000.0	1000.41	-0.41	1000.48	0.66

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

CALIBRATION CERTIFICATE

Page 01 of 01

CERTIFICATE NO.:AQCS/21061401.10013	Date of Calibration : 14/06/2021 Recommended due date : 13/06/2022
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 : Microscope (Magnification) Make : Labomed Model : Vision 2000 Sr. No. / Ident. No. : 191118128/BLAL/AL/MICS/01 Magnification : 4X, 10X, 40X, 100X Location : -- Cal. Performed At : Site
Service Request No. : 2106112/02 Dated: 12/06/2021	

STANDARD EQUIPMENT USED:			
Nomenclature	Identification No.	Traceability Certificate No.	Valid up to
Set of Gauge blocks	3079	CC247220000004457F	29/12/2022
Digital Vernier Caliper	AQCS-VC-01	AQCS/21021801.002	17/02/2022

ENVIRONMENTAL CONDITIONS: Temperature : 20 ± 2°C Relative Humidity : 50 ± 10%	PROCEDURE FOLLOWED: CP/MS -01
---	---

CALIBRATION RESULT

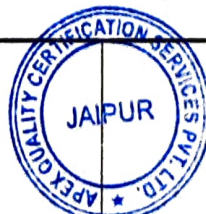
Size	Magnification		Standard reading mm	Magnification Measured
1mm	4X	Projected piece	3.99	3.99X Magnification
1mm	10X	do	9.99	10.00 X Magnification
1mm	40X	do	39.99	39.99 X Magnification
1mm	100X	do	100.00	99.99 X Magnification
1mm	4X	Eye Piece	4.00	4.00 X Magnification
1mm	10X	do	9.99	9.99 X Magnification
1mm	40X	do	40.00	40.00 X Magnification
1mm	100X	do	99.99	99.99 X Magnification

REMARKS :

- Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is ± 14.1µm.
- The result reported in this certificate is valid at the time of and under the started 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-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

VALIDATION CERTIFICATE

Page 01 of 01

CERTIFICATE NO.:AQCS/21061401.10014		Date of Validation : 14/06/2021					
		Recommended due date : 13/06/2022					
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 : Bio Safety Cabinet Make/Model : -- / -- Sr. No. : NA Ident. No. : BLAL/AL/BSC/01 Range /LC : As per results Location : -- Val. Performed At : Site					
Service Request No. : 2106112/02 Dated: 12/06/2021							
STANDARD EQUIPMENT USED:							
Nomenclature	Identification No.	Traceability Certificate No.	Valid up to				
Vane Anemometer	170039	LES-CCL/FF/PT/754	22/03/2022				
Dust particle counter	120418	AERO/001-090421	08/04/2022				
Sound Meter	2421898	NCL/F/2021/07/01	10/06/2022				
Light Meter	S1023123	NCL/D/2021/12/01	29/04/2022				
ENVIRONMENTAL CONDITIONS: Temperature :25 ± 4°C RH :50 ± 10%		PROCEDURE FOLLOWED: CP/AF -01					
OBSERVATIONS							
Particulars	Specified	Observed	Particulars	Specified	Observed		
Laminar In flow velocity	80-110 fpm	101 fpm	Down flow velocity	80-110 fpm	98 fpm		
Florescent Light Intensity Test	500-700 Lux	574 Lux	Noise Level	<=60dB	59.4 dB		
Differential Pressure Gauge	20mmWC Max.	10mmWC	Cabinet leakage test	---	Tested OK		
UV light intensity	Min. 40 µW/cm ²	42 µW/cm ²	---	---	---		
Dust Particle count per m³ of air							
Size	0.3µm	0.5µm	1.0µm	3µm	5µm	10µm	The value of particulate count is average of five time sample taken from air throw of HEPA Filter.
Particulate Count	09	03	0	0	0	0	
REMARKS :							
1. The result reported in this certificate is valid at the time of and under the started conditions of Measurement for the particular item and instrument identified above.							
2. 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.							
Validated by (V. B. Mathew)		 JAI PUR		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

CALIBRATION CERTIFICATE

		Page 01 of 01
CUSTOMER'S DETAILS		CERTIFICATE NO.:
M/s DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)		AQCS/21061602.10008
House No. 12, Near Ambedkar Circle, Lajpat Nagar,		Date of Issue of Certificate
Alwar - 301001 (Rajasthan)		18-06-2021
		Date of Calibration
		16-06-2021
		Recommended due date
		15-06-2022

Service Request No.			INSTRUMENT DESCRIPTION		
210612/02	Service Request Date	12-06-2021	Nomenclature	Micropipette	
DUC Receipt Date	14-06-2021	DUC Condition	Make	Thermo scientific	
OK	Cal. Performed At	Lab	Model	F3	
Procedure Followed	CP/VM-01	Environmental Condition	Sr. No. / Ident. No.	NW05378 / BLAL/AL/MICP/09	
Temperature	25±2°C	Rel. Hum.	Range	1-10	µl
50±10%			Least Count	0.02	µl
			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	TC/6891/2020	07-12-2021

CALIBRATION RESULT

DUC Value (µl)	Observed Value on Standard (µl)	Error (µl)	Average Value at 27°C (µl)	Expanded Uncertainty ± (µl)
1.00	0.99	0.01	0.99	0.30
2.50	1.47	0.03	1.47	0.58
5.00	4.96	0.04	4.96	0.66
7.50	7.45	0.05	7.45	0.66
10.00	9.93	0.07	9.93	0.66

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

CALIBRATION CERTIFICATE

		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/21061602.10008 Date of Issue of Certificate 18-06-2021 Date of Calibration 16-06-2021 Recommended due date 15-06-2022

Service Request No.		210612/02		INSTRUMENT DESCRIPTION	
Service Request Date	12-06-2021	Nomenclature	Micropipette		
DUC Receipt Date	14-06-2021	Make	Thermo scientific		
DUC Condition	OK	Model	F3		
Cal. Performed At	Lab	Sr. No. / Ident. No.	NW05378 / BLAL/AL/MICP/09		
Procedure Followed	CP/VM-01	Range	1-10	µl	
Environmental Condition		Least Count	0.02	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	TC/6891/2020	07-12-2021

CALIBRATION RESULT

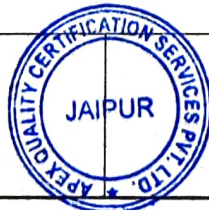
DUC Value (µl)	Observed Value on Standard (µl)	Error (µl)	Average Value at 27°C (µl)	Expanded Uncertainty ± (µl)
1.00	0.99	0.01	0.99	0.30
2.50	1.47	0.03	1.47	0.58
5.00	4.96	0.04	4.96	0.66
7.50	7.45	0.05	7.45	0.66
10.00	9.93	0.07	9.93	0.66

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

CALIBRATION CERTIFICATE

		Page 01 of 01
CUSTOMER'S DETAILS		CERTIFICATE NO.:
M/s DR. B LAL CLINICAL LABORATORY PVT. LTD. (ALW)		AQCS/21061602.10008
House No. 12, Near Ambedkar Circle, Lajpat Nagar,		Date of Issue of Certificate
Alwar - 301001 (Rajasthan)		18-06-2021
		Date of Calibration
		16-06-2021
		Recommended due date
		15-06-2022

		INSTRUMENT DESCRIPTION	
Service Request No.	210612/02	Nomenclature	Micropipette
Service Request Date	12-06-2021	Make	Thermo scientific
DUC Receipt Date	14-06-2021	Model	F3
DUC Condition	OK	Sr. No. / Ident. No.	NW05378 / BLAL/AL/MICP/09
Cal. Performed At	Lab	Range	1-10 μ l
Procedure Followed	CP/VM-01	Least Count	0.02 μ l
Environmental Condition		Location	--
Temperature	25 \pm 2 $^{\circ}$ C		
Rel. Hum.	50 \pm 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	TC/6891/2020	07-12-2021

CALIBRATION RESULT

DUC Value (μ l)	Observed Value on Standard (μ l)	Error (μ l)	Average Value at 27 $^{\circ}$ C (μ l)	Expanded Uncertainty \pm (μ l)
1.00	0.99	0.01	0.99	0.30
2.50	1.47	0.03	1.47	0.58
5.00	4.96	0.04	4.96	0.66
7.50	7.45	0.05	7.45	0.66
10.00	9.93	0.07	9.93	0.66

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
- Calibration of volumetric measures done is meant for scientific and industrial purpose only, However, if used for commercial trading, additional recognition/approval shall be compiled as required by Dept. of legal Calibration, regulatory bodies etc.
- Format Number.: F-06/00

Calibrated by

(V. B. Mathew)



Approved by

(R. R. Yadav)

Quality Manager