

Add.: 161, Kasturba Nagar, Nirman Nagar, Jaipur-302 019 Ph.: 0141-4036776, 9414079483, 9636293333

Email: apex.qcs@gmail.com



Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000000903F	DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21041001.003
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.	Date of Issue of Certificate	12/04/2021
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,	Date of Calibration	10/04/2021
Sanwali Road, Sikar-332001	Recommended due date	09/04/2022

Service Request N	lo.	210404/01		INSTRUMENT DESCRIPTION		
Service Request D	ate			Nomenclature	Temperatui Incubator	re Indicator with sensor of
DUC Receipt Date		10/04/2021	9	Make		ž) **
DUC Condition	额	ok		Model	H4	
Cal. Performed At		Site		Sr. No. / Ident.	/ BLAL/SI	K/INC/01
Procedure Follow	ed	CP/TH-08		Range	30-110	°C
Environmental Co	ondition			Least Count	0.1	°C
Temperature	25±5°C	Rel. Hum.	50±10%	Location	Lab	

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/020/319.2.1	28/05/2021

CALIBRATION RESULT

Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
30.21	30.0	-0.21	1.25
50.38	50.1	-0.28	1.25
71.44	71.1	-0.34	1.25
90.60	90.2	-0.40	1.25
109.69	109.2	-0.49	1.25

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
- 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-06/00

Calibrated by

Approved by

Quality Manager



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Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000000904F	DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21041001.004
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.	Date of Issue of Certificate	12/04/2021
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,	Date of Calibration	10/04/2021
Sanwali Road, Sikar-332001	Recommended due date	09/04/2022

Service Request N	lo.	210404/01		INSTRUMENT DESCRIPTION		
Service Request Date		04/04/2021	1000 Daniel 100 Daniel - 100 Day 100 Day		Temperatur Oven	e Indicator with sensor of
DUC Receipt Date		10/04/2021		Make	-	s *
DUC Condition		ok		Model		
Cal. Performed At		Site		Sr. No. / Ident.	/ BLAL/SIK	C/OVEN/01
Procedure Follow	ed	CP/TH-08		Range	30-200	°C
Environmental Co	ondition		10	Least Count	2	°C
Temperature	25±5°C	Rel. Hum.	50±10%	Location	Lab	199

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/020/319.2.1	28/05/2021

CALIBRATION RESULT

Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
30.44	30	-0.44	1,25
60.64	60	-0.64	1.25
100.85	100	-0.85	1.25
150.99	150	-0.99	1.25
201.40	200	-1.40	1.25

REMARKS:

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NABL ACCREDITED LAB Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000000902F	DISCIPLINE	Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE N	IO.:	AQCS/21041001.002
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.	Date of Issue of	Certificate	12/04/2021
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,	Date of Calibration	on	10/04/2021
Sanwali Road, Sikar-332001	Recommended of	lue date	09/04/2022

Service Request	No.	210404/01		INSTRUMENT DESCI	RIPTION		
Service Request	Date	04/04/2021		Nomenclature	Centrifuge Mac	hine	
DUC Receipt Dat	е	10/04/2021		Make	Labman		
DUC Condition		ok		Model	The state of the s	18	
Cal. Performed A	t	Site		Sr. No. / Ident. No.	L-149 / BLAL/S	IK/CFG/02	
Procedure Follow	red .	CP/RM/01		Range	0-3500	RPM	
Environmental (Condition	10	22	Least Count	10	RPM	
Temperature	23±5°C	Rel. Hum.	50±10%	Location	Lab		

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
702.1	700	-2.1	2.37
1523	1520	-3	2.37
2143	2140	-3	2.37
2834	2830	-4	2.37
3465	3460	-5	1.04
ïš			

REMARKS:

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- 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

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NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000000901F	DISCIPLINE	Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE N	VO.:	AQCS/21041001.001
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD. Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar, Sanwali Road, Sikar-332001	Date of Issue of Date of Calibrati Recommended of	on	12/04/2021 10/04/2021 09/04/2022

Service Request I	No.	210404/01		INSTRUMENT DESC	RIPTION	
Service Request I DUC Receipt Date DUC Condition Cal. Performed Al	3	04/04/2021 10/04/2021 ok Site		Nomenclature Make Model Sr. No. / Ident. No.	Centrifuge Mad Remi R-8C	SLAL/SIK/CFG/01
Procedure Follow Environmental C	ed	CP/RM/01		Range	0-5250	RPM
Temperature	23±5°C	Rel. Hum.		Least Count Location	10 Lab	RPM

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
598.6	600	1.4	2.37
1518	1520	2	2.37
2817	2820	3	2.37
4006	4010	4	1.04
5216	5220	4	1.04

REMARKS :

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CALIBRATION CERTIFICATE

ULR: CC229821000000905F	DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21041001.005
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.	Date of Issue of Certificate	12/04/2021
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,	Date of Calibration	10/04/2021
Sanwali Road, Sikar-332001	Recommended due date	09/04/2022
	185	

Service Request N	0.	210404/01		INSTRUMENT D	ESCRIPTIO	N
Service Request D	ate	10" 100" ^[3]		Nomenclature	Digital T	hermometer with sensor
DUC Receipt Date		10/04/2021		Make	Multi th	ermometer
DUC Condition		ok		Model	<u> </u>	
Cal. Performed At		Site		Sr. No. / Ident.	2016120	013555 / BLAL/SIK/THM/01
Procedure Follow	ed	CP/TH-08		Range	2-8	°C .
Environmental Co	ondition			Least Count	0.1	°C
Temperature	25±5°C	Rel. Hum.	50±10%	Location	Lab	

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/020/319.2.1	28/05/2021

CALIBRATION RESULT

Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
2.24	2.1	-0.15	2.5
3.27	3.1	-0.17	2.5
5.19	5.0	-0.19	2.5 .
7.12	6.9	-0.22	2.5
8.15	7.9	-0.25	2.5

REMARKS:

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4. Format Number.: F-06/00





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Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000000906F	DISCIPLINE Thermal	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21041001.006
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.	Date of Issue of Certificate	12/04/2021
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,	Date of Calibration	10/04/2021
Sanwali Road, Sikar-332001	Recommended due date	09/04/2022
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Service Request N	0.	210404/01		INSTRUMENT DESCRIPTION		
Service Request D	ate	04/04/2021		Nomenclature	Digital Th	nermometer with sensor
DUC Receipt Date	59 -	10/04/2021		Make	Multi the	ermometer
DUC Condition		ok		Model		
Cal. Performed At		Site		Sr. No. / Ident.	/ BLAL/	/SIK/THM/02
Procedure Follow	ed	CP/TH-08	Œ	Range	2-8	°C
Environmental Co	ondition			Least Count	0.1	°C
Temperature	25±5°C	Rel. Hum.	50±10%	Location	Lab	

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/020/319.2.1	28/05/2021

CALIBRATION RESULT

Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
1.89	2.1	0.21	2.5
2.87	3.1	0.23	2.5
4.75	5.0	0.25	2.5
6.63	6.9	0.27	2.5
7.60	7.9	0.30	2.5

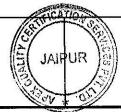
REMARKS:

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(Sachin Yaday)

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Cert. No.: CC-2298

CALIBRATION CERTIFICATE

DISCIPLINE Thermal	Page 01 of 01
CERTIFICATE NO.:	AQCS/21041001.007
Date of Issue of Certificate	12/04/2021
Date of Calibration	10/04/2021
Recommended due date	09/04/2022
	CERTIFICATE NO.: Date of Issue of Certificate Date of Calibration

Service Request N	0.	210404/01	30.00	INSTRUMENT D	ESCRIPTION	
Service Request D	ate	04/04/2021	11 11	Nomenclature	Digital Th	ermometer with sensor
DUC Receipt Date		10/04/2021		Make	Multi the	rmometer
DUC Condition		ok		Model		
Cal. Performed At	Ð	Site		Sr. No. / Ident.	/ BLAL/:	SIK/THM/03
Procedure Follow	ed	CP/TH-08		Range	2-8	°C
Environmental Co	ondition			Least Count	0.1	°C
Temperature	25±5°C	Rei. Hum.	50±10%	Location	Lab	

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/020/319.2.1	28/05/2021

CALIBRATION RESULT

Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
1.88	2.1	0.22	2.5
2.85	3.1	0.25	2.5
4.71	5.0	0.29	2.5
6.59	6.9	0.31	2.5
7.54	7.9	0.36	2.5

REMARKS:

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Cert. No.: CC-2298

CALIBRATION CERTIFICATE

DISCIPLINE Thermal	Page 01 of 01
CERTIFICATE NO.:	AQCS/21041001.008
Date of Issue of Certificate	12/04/2021
Date of Calibration	10/04/2021
Recommended due date	09/04/2022
	CERTIFICATE NO.: Date of Issue of Certificate Date of Calibration

Service Request N	0.	210404/01		INSTRUMENT D	ESCRIPTION	1
Service Request D	ate	04/04/2021		Nomenclature	Digital Th	nermometer with sensor
DUC Receipt Date		10/04/2021		Make	Multi the	rmometer
DUC Condition		ok		Model	7.7	×
Cal. Performed At		Site		Sr. No. / Ident.	/ BLAL/	SIK/THM/04
Procedure Follow	ed	CP/TH-08		Range	2-8	°C
Environmental Co	ondition			Least Count	0.1	°C
Temperature	25±5°C	Rel. Hum.	50±10%	Location	Lab	

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/020/319.2.1	28/05/2021

CALIBRATION RESULT

Value on standard (°C)	Measurement DUC (°C)	Error (°C)	Expanded Uncertainty ± (°C)
1.68	2.0	0.32	2.5
2.87	3.2	0.33	2.5
3.92	4.3	0.38	2.5
5.67	6.1	0.43	2.5
7.50	8.0	0.50	2.5

REMARKS:

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4. Format Number.: F-06/00

Calibrated by

(Sachin Yadav)

Approved by



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Cert. No.: CC-2298

CALIBRATION CERTIFICATE

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ertificate , 12/04/2021	
n 10/04/2021	
ue date 09/04/2022	
ı	n 10/04/2021

Service Request N	o.	210404/01	2000	INSTRUMENT DESCRIP	TION		
Service Request D	ate	04/04/2021		Nomenclature	Weighing Balar	nce	
DUC Receipt Date	n x	10/04/2021		Make	Wensar		
DUC Condition		ok		Model	PGB600		
Cal. Performed At		Site		Sr. No. / Ident. No.	53403 / BLAL/S	ik/WHG/01	
Procedure Follow	ed	CP/WI-01		Range	0-600	g	
Environmental Co	ndition		2	Least Count	0.01	g	
Temperature	25± 5°C	Rel. Hum.	50±10%	Location	Lab		

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		was:	130320-9,23,26	SCW/1019/327	16/10/2021
SS Weights	0.5,1 Kg	1.2 mg	36223588	3926/WB/001,002	03/10/2021

CALIBRATION RESULT

Avg. Std. Value (g)	Avg. Value on DUC (g)	Error (g)	Expanded Uncertainity (±g)	
0.050009	0.05	-0.000009	0.03	
0.100006	0.095	-0.005006	0.03	
0.99998	0.995	-0.004998	0.03	
2.000012	1.99	-0.010012	0.03	
5.000003	4.985	-0.015003	0.03	20
10.00003	9.985	-0.01503	0.03	3
20.00004	19.975	-0.02504	0.03	
50.00003	49.975	-0.02503	0.03	
100.00008	99.955	-0.04508	0.03	
200.00007	199.925	-0.07507	0.03	
500.001	499.875	-0.126	2.00	8
Repeatability The repeat	ability of the balance at 500	g is 0.01g		267
The state of the s	ricity of the balance is 0.01			

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4. Format Number.: F-06/00

Calibrated-by

(V. B. Mathew)

Approved by

(R. R. Yadav)

Quality Manager



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Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000000910F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21041001.010
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.	Date of Issue of Certificate	12/04/2021
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,	Date of Calibration	10/04/2021
Sanwali Road, Sikar-332001	Recommended due date	09/04/2022

Service Request No.	v v	210404/01	, , , , , , , , , , , , , , , , , , , ,	INSTRUMENT D	ESCRIPTION		8
Service Request Dat	е	04/04/2021		Nomenclature	Micropipette		
DUC Receipt Date	10	09/04/2021		Make	P'Fact		
DUC Condition		ok		Model	AV-700	N N	
Cal. Performed At		Lab		Sr. No. / Ident.	MK435660 /BI	_AL/SIK/MICP/01	
Procedure Followed		CP/VM-01	8	Range	2 to 20	μl	
Environmental Con	dition	ğ		Least Count	0.02	μΪ	
Temperature	25±2°C	Rel. Hum.	50±10%	Location	Lab	255	

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to	
Meighing Palange	0 to 220 g	0.00003 &	556300	TC/6891/2020	07/12/2021	
Weighing Balance	0 to 220 g	0.0004 g	330300	10/0031/2020	07/12/2021	

CALIBRATION RESULT

DUC Value (μί)	Observed Value on Standard (μl)	Error (µl)	Average Value at 27°C (μί)	Expanded Uncertainty ± (μl)
10.00	9.90	0.10	9.90	0.66
15.00	14.86	0.14	14.86	0.66
20.00	19.78	0.22	19.78	0.66

REMARKS:

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- 4. 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.

5. Format Number.: F-06/00

Calibrated by

(V. B. Máthew)

Approved by



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Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000000911F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21041001.011
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.	Date of Issue of Certificate	12/04/2021
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,	Date of Calibration	10/04/2021
Sanwali Road, Sikar-332001	Recommended due date	09/04/2022

Service Request No).	210404/01		INSTRUMENT D	ESCRIPTION	8
Service Request Da		04/04/2021		Nomenclature	Micropipette	
DUC Receipt Date		09/04/2021		Make	P'Fact	
DUC Condition		ok		Model	AV-600	¥
Cal. Performed At		Lab		Sr. No. / Ident.	OB490850 / BLAL	/SIK/MICP/02
Procedure Followe	ed .	CP/VM-01	S)	Range	100 to 1000	μΙ
Environmental Co	ndition	10		Least Count	5	μl
Temperature	25±2°C	Rel. Hum.	50±10%	Location	Lab	

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to	
Majahina Dalanaa	0 to 220 a	0.00003 &	556300	TC/6891/2020	07/12/2021	
Weighing Balance	0 to 220 g	0.0004 g	550500	1C/0691/2020	0//12/2021	

CALIBRATION RESULT

DUC Value (μl)	Observed Value on Standard (μl)	Error (µl)	Average Value at 27°C (μl)	Expanded Uncertainty ± (µl)
100	99.74	0.26	99.75	0.66
250	249.71	0.29	249.73	0.66
500	499.69	0.31	499.72	0.66
750	749.67	0.33	749.72	0.66
1000	999.75	0.25	999.82	0.66

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. 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.

5. Format Number.: F-06/00

Calibrated by

(V. B. Mathew)

Approved by



Add.: 161, Kasturba Nagar, Nirman Nagar, Jaipur-302 019 Ph.: 0141-4036776, 9414079483, 9636293333

Email: apex.gcs@gmail.com



Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000000912F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21041001.012
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.	Date of Issue of Certificate	12/04/2021
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,	Date of Calibration	10/04/2021
Sanwali Road, Sikar-332001	Recommended due date	09/04/2022

Service Request N	Λ.	210404/01		INSTRUMENT D	ESCRIPTION		
Service Request D DUC Receipt Date	ate	04/04/2021 09/04/2021		Nomenclature Make	Micropipette P'Fact	si si	
DUC Condition Cal. Performed At	26	ok Lab		Model Sr. No. / Ident.	NW02614 MK435592 / Bl	LAL/SIK/MICP/04	
Procedure Follow		CP/VM-01		Range	5 to 50	μl	
Environmental Co	ndition			Least Count	0.5	μΙ	
Temperature	25±2°C	Rel. Hum.	50±10%	Location	Lab	10.00	

STANDARD EQUIPMENT USED:

Ī	Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to	-0.20
		0	0.00003 &	556300	TC/6891/2020	07/12/2021	
	Weighing Balance	0 to 220 g	0.0004 g	330300	10,0051,2020	8 851 890 — 1991	

CALIBRATION RESULT

DUC Value (μl)	Observed Value on Standard (μΙ)	Error (µl)	Average Value at 27°C (μl)	Expanded Uncertainty ± (µl)
10.0	9.85	0.15	9.85	0.66
20.0	19.84	0.16	19.84	0.66
30.0	29.81	0.19	29.81	0.66
40.0	39.79	0.21	39.80	0.66
50.0	49.76	0.24	49.76	0.66

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.
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5. Format Number.: F-06/00

Calibrated by

Approved by

(R. R. Yadav)

Quality Manager



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NABL ACCREDITED LAB
Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000000913F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21041001.013
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.	Date of Issue of Certificate	12/04/2021
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,	Date of Calibration	10/04/2021
Sanwali Road, Sikar-332001	Recommended due date	09/04/2022

Service Request N	о.	210404/01	210404/01		INSTRUMENT DESCRIPTION		
Service Request D	ate	04/04/2021		Nomenclature	Micropipette		
DUC Receipt Date		09/04/2021		Make	P'Fact		
DUC Condition		ok		Model	AV-600	* ×	
Cal. Performed At		Lab		Sr. No. / Ident.	MK435154 / BLAL	/SIK/MICP/03	
Procedure Follow	ed	CP/VM-01		Range	100 to 1000	μΙ	
Environmental Co	ndition	B 800 H		Least Count	5	μl	
Temperature	25±2°C	Rel. Hum.	50±10%	Location	Lab	100	

STANDARD EQUIPMENT USED:

Nomenciature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to	
W. L. L. Dalaman	0+- 330 ~	0.00003 &	556300	TC/6891/2020	07/12/2021	
Weighing Balance	0 to 220 g	0.0004 g	550500	10,0031,2020	07/12/2021	

CALIBRATION RESULT

DUC Value (μl)	Observed Value on Standard (μl)	Error (μl)	Average Value at 27°C (μΙ)	Expanded Uncertainty ± (µl)
100	100.11	-0.11	100.12	0.66
250	250.16	-0.16	250.18	0.66
500	500.24	-0.24	500.28	0.66
750	750.35	-0.35	750.40	0.66
1000	1000.48	-0.48	1000.55	0.66

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. 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.

5. Format Number.: F-06/00

Calibrated by

(V. B. Mathew)

Approved by



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Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000000914F	DISCIPLINE Mechanical	Page 01 of 01
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21041001.014
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.	Date of Issue of Certificate	12/04/2021
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,	Date of Calibration	10/04/2021
Sanwali Road, Sikar-332001	Recommended due date	09/04/2022

Service Request N	0.	210404/01		INSTRUMENT DESCRIPTION		
Service Request D	ate	04/04/2021	0.	Nomenclature	Micropipette	
DUC Receipt Date		09/04/2021		Make	Thermoscientific	B
DUC Condition		ok	39	Model		45
Cal. Performed At		Lab		Sr. No. / Ident.	LW04242 / BLAL	/SIK/MICP/06
Procedure Followe	ed	CP/VM-01	13	Range	20 to 200	μl
Environmental Co	ndition	36	8	Least Count	0.2	μl "
Temperature	25±2°C	Rel. Hum.	50±10%	Location	Lab	2.50 2.50

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to
Weighing Palance	0 to 220 a	0.00003 &	556300	TC/6901/2020	07/12/2021
Weighing Balance 0 to 220 g	0 to 220 g	0.0004 g	330300	TC/6891/2020	07/12/2021

CALIBRATION RESULT

DUC Value (μl)	Observed Value on Standard (μl)	Error (μl)	Average Value at 27°C (μΙ)	Expanded Uncertainty
20.0	19.83	0.17	19.84	0.66
50.0	49.83	0.17	49.84	0.66
100.0	99.80	0.20	99.81	0.66
150.0	149.76	0.24	149.77	0.66
200.0	199.67	0.33	199.68	0.66

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.
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- 4. 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.

5. Format Number.: F-06/00

Calibrated by

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Approved by



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NABL ACCREDITED LAB Cert. No.: CC-2298

CALIBRATION CERTIFICATE

ULR: CC229821000000915F	DISCIPLINE Mechanical	
CUSTOMER'S DETAILS	CERTIFICATE NO.:	AQCS/21041001.015
M/S DR. B LAL CLINICAL LABORATORY PVT. LTD.	Date of Issue of Certificate	12/04/2021
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,	Date of Calibration	10/04/2021
Sanwali Road, Sikar-332001	Recommended due date	09/04/2022

Service Request No	o.	210404/01		INSTRUMENT DESCRIPTION		
Service Request Da	ate	04/04/2021		Nomenclature	Micropipette	
DUC Receipt Date		09/04/2021	200	Make	Thermoscientific	3
DUC Condition		ok		Model		⊕.
Cal. Performed At		Lab		Sr. No. / Ident.	LW07993 / BLAL	/SIK/MICP/05
Procedure Followe	ed · ·	CP/VM-01	10	Range	20 to 200	μΙ
Environmental Co	ndition	12		Least Count	0.2	μl
Temperature	25±2°C	Rel. Hum.	50±10%	Location	Lab	<u> </u>

STANDARD EQUIPMENT USED:

Nomenclature	Range	Uncertainty	Identification No.	Traceability Cert. No.	Valid up to	
Mariable a Balanca	0+= 220 =	0.00003 &	556300	TC/6891/2020	07/12/2021	
Weighing Balance	0 to 220 g	0.0004 g	220200	10/0031/2020	01/12/2021	

CALIBRATION RESULT

DUC Value (μΙ)	Observed Value on Standard (μl)	Error (μl)	Average Value at 27°C (μl)	Expanded Uncertainty ± (µl)
20.0	19.90	0.10	19.90	0.66
50.0	49.89	0.11	49.89	0.66
100.0	99.87	0.13	99.88	0.66
150.0	149.85	0.15	149.86	0.66
200.0	199.79	0.21	199.81	0.66

REMARKS:

- 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. 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.

5. Format Number.: F-06/00

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CALIBRATION CERTIFICATE

Page 01 of 01

CERTIFICATE NO.:AQCS/21041001.10016	Date of Calibration Recommended du	De D
CUSTOMER'S DETAILS	INSTRUMENT DESCRIPTION	
	Nomenclature	: Thermo hygrometer
M/S Dr. B LAL CLINICAL LABORATORY PVT. LTD.	Make Model Sr. No.	: R-tek : : IN140109669
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar, Sanwali Road, Sikar-332001 (Rajasthan)	Ident. No.	: BLAL/SIK/THG/01 : 0 to 50°C& 20-95% RH
	Least Count	: 0.1 °C& 1 % RH
Service Request No.: 210404/01 Dated: 04/04/2021	Location Cal. Performed At	: Lab : Lab

STANDARD EQUIPMENT USED:

Nomenclature	Identification No.	Traceability Certificate No.	Valid up to
PT100-4wire RTD withindicator	11339/16A046131	TL/020/319.2.1	28/05/2021
Master Thermo hygrometer	AQCS/THG-02	20000010820	06/05/2021

ENVIRONMENTAL CONDITIONS:		PROCEDURE FOLLOWED:
	E0: 400/	CD TILL OO CD TILBA OI

Temperature: 25 ± 2.5°C Relative Humidity : 50± 10% CP/TH -08, CP/THM-01

CALIBRATION RESULT

Value on standard (°C)	Measurement on DUC (°C)	Error (°C)
2.17	2.3	0.13
18.23	18.4	0.17
26.68	26.9	0.22
33.83	34.1	0.27
49.26	49.6	0.34

Value on standard (% RH)	Measurement DUC (% RH)	Error (% RH)
29	30	1
43	45	2
64	66	2
75	77	2
85	88	3

REMARKS:

- 1. 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 started 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-06/00

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CALIBRATION CERTIFICATE

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CERTIFICATE NO.:AQCS/21041001.10017	Recommended due date : 09/04/2022	
CUSTOMER'S DETAILS	INSTRUMENT DESCRIPTION	
M/S Dr. B LAL CLINICAL LABORATORY PVT. LTD. Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar, Sanwali Road, Sikar-332001 (Rajasthan)	Nomenclature : Blood Mixer (RPM) Make : Transasia Biomedical Model : SR-20A Sr. No./Ident. No. : 219 / BLAL/SIK/EQP/01 Range : 30-36 RPM Least Count :	
Service Request No. : 210404/01 Dated: 04/04/2021	Location : Lab Cal. Performed At : Site	

STANDARD EQUIPMENT USED:

Nomenclature	Identification No.	Traceability Certificate No.	Valid up to
Digital Tachometer	S999205	NCL/B/2021/34/01	25/02/2022
ENVIRONMENTAL CONDITION	ONS:	PROCEDURE FOLLO	OWED:

Temperature : $25 \pm 5^{\circ}$ C Relative Humidity : $50 \pm 10\%$

CALIBRATION RESULT

CP/RM-01

S. No.	Specified value on DUC RPM	RPM on STD
1		31.6
2		31.5
3	31	31.7
4		31.6
5		31.4
Average	3.50 3.50	31.6

REMARKS:

- 1. Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is ± 9.63% of reading.
- 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.
- 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-06/00

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(V. B. Mathew)

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CALIBRATION CERTIFICATE

				Page 01 o
CERTIFICATE NO.:AQCS/21041001.10018		Date of Calibratio	n :	10/04/2021
		Recommended du	ue date	: 09/04/2022
CUSTOMER'S DETAILS INS		INSTRUMENT DES	CRIPTION	5.57 7 97
	31	Nomenclature	: Rotary	Shaker(RPM)
	ė	Make	: Remi	
M/S Dr. B LAL CLINICAL LABO	DRATORY PVT. LTD.	Model	: RS-12	R
Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar,		Sr. No.	: ZGES-	ZGES-10482
Social field of Commission and Commission Co	The Recipies of Proceedings From Challenger and the desired the desired and reduce and the Challenger and th	Ident. No.	: BLAL/	SIK/SHEK/01
Sanwali Road, Sikar-332001 (Kajastnan)	Range	: 2500	Participation of the Control of the
		Least Count		results
Service Request No : 210404/	01 Dated: 04/04/2021	Location	: Lab	*)
Service Request No. : 210404/01 Dated: 04/04/2021		Cal. Performed At	: Site	
STANDARD EQUIPMENT USE	D:		700	-
Nomenclature	Identification No.	Traceability Certificate No. Vali		Valid up to
Digital Tachometer	S999205	NCL/B/2021/34	/01	25/02/2022
ENVIRONMENTAL CONDITIONS:		PROCEDU	RE FOLLOV	VED:
Temperature: 23 ± 5°C Relative Humidity : 50± 10		: 10% CP/RM-0	10% CP/RM-01	

CALIBRATION RESULT

S. No.	Knob setting on DUC	Measured Value on STD in RPM
1	1	614
2	2	1245
3	3	1915
4	4	2482

REMARKS .

- 1. Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is $\pm 2.37\%$ of reading.
- 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.
- 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-06/00

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CALIBRATION CERTIFICATE

Page 01 of 01

CERTIFICATE NO.:AQCS/21041001.10019		Date of Calibration : 10/04/2021 Recommended due date : 09/04/2022	
CUSTOMER'S DETAILS M/S Dr. B LAL CLINICAL LABORATORY PVT. LTD. Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar, Sanwali Road, Sikar-332001 (Rajasthan) Service Request No.: 210404/01 Dated: 04/04/2021		INSTRUMENT DESCRIPTION	0
		Nomenclature : Stop Wate Make : Winner Le Model : 105 Sr. No. / Ident. No. : / BLAL/S Range : 0-24Hr. Least Count : 0.01 sec. Location : Lab Cai. Performed At : Lab	oud Star
STANDARD EQUIPMENT USI	D:		
Nomenclature	Identification No.	Traceability Certificate No.	Valid up to
Digital Stop watch	AQCS/SW/01	NCL/J/2020/34/03	27/10/2021

Temperature: 25 ± 4°C Relative Humidity : 50±

ENVIRONMENTAL CONDITIONS:

PROCEDURE FOLLOWED:

50± 10% CP/TM -01

CALIBRATION RESULT

S. No.	Value on DUC (sec.)	Measurement on STD				Expanded	
	to control to the second control of the ST	Hrs	Min.	Sec.	1/100 sec.	uncertainty ± sec.	
1	10		55	10	11	0.0000000000000000000000000000000000000	
2	30	=	12-10-1	30	19		
3	60	-	01	00	05	0.8	
4	500	-	08	20	29	8	
5	990		16	30	15	2.1	

REMARKS:

- 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 started 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

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4. Format Number.: F-06/00

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(V. B. Mathew)

Approved by





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CALIBRATION CERTIFICATE

Page 01 of 01

: 10/04/2021 Date of Calibration CERTIFICATE NO.:AQCS/21041001.10020 : 09/04/2022 Recommended due date INSTRUMENT DESCRIPTION **CUSTOMER'S DETAILS** : Microscope Nomenclature (Magnification) M/S Dr. B LAL CLINICAL LABORATORY PVT. LTD. Make : Dewinter Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar, Model : DEW/815 Sr. No. / Ident. No. : NA / BLAL/SIK/MICS/01 Sanwali Road, Sikar-332001 (Rajasthan) Magnification : 4X, 10X, 40X, 100X, Location : Lab Service Request No.: 210404/01 Dated: 04/04/2021 Cal. Performed At : Site

STANDARD EQUIPMENT USED:

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

ENVIRONMENTAL CONDITIONS: PROCEDURE FOLLOWED:

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

CALIBRATION RESULT

Size	Magnification		Standard reading mm	Magnification Measured
1mm	4X	Projected piece	4.00	4.00 X Magnification
1mm	10X	do	9.99	10.01 X Magnification
1mm	40X	do	40.00	40.00 X Magnification
1mm	100X	do	99.99	99.99 X Magnification
1mm	4X	Eye Piece	4.00	4.00 X Magnification
1mm	10X	do	10.00	10.00 X Magnification
1mm	40X	do	39.99	39.99 X Magnification
1mm	100X	do	100.00	100.00 X Magnification

REMARKS:

- 1. Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is $\pm 14.1 \mu m$.
- 2. 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.
- 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-06/00

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(V. B. Mathew)

Approved by





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CALIBRATION CERTIFICATE

Page 01 of 01

: 10/04/2021 Date of Calibration CERTIFICATE NO.:AQCS/21041001.10021 Recommended due date : 09/04/2022 INSTRUMENT DESCRIPTION **CUSTOMER'S DETAILS** : Microscope Nomenclature (Magnification) M/S Dr. B LAL CLINICAL LABORATORY PVT. LTD. : Labomed Make Rathi Hospital, Near Pandit Ji ki Kothi, Saraswati Nagar, Model : 170397559 / BLAL/SIK/MICS/02 Sr. No. / Ident. No. Sanwali Road, Sikar-332001 (Rajasthan) : 4X, 10X, 40X, 100X Magnification : Lab Location Service Request No.: 210404/01 Dated: 04/04/2021

Cal. Performed At : Site

STANDARD EQUIPMENT USED:

Nomenclature	Identification No.	Traceability Certificate No.		
Set of Gauge blocks	3079	CC247220000004457F		
Digital Caliper	AQCS-VC-01	AQCS/21021801.002	17/02/2022	

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

CALIBRATION RESULT

Size	Magnification		Standard reading mm	Magnification Measured
1mm	4X	Projected piece	3.99	4.01 X Magnification
1mm	10X	do	10.00	10.00 X Magnification
1mm	40X	do	39.99	39,99 X Magnification
1mm	100X	do	99.99	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	39.99	39.99 X Magnification
1mm	100X	do	100.00	100.00 X Magnification

REMARKS:

- Expanded uncertainty of Measurement at approximately 95 % confidence level for coverage factor k = 2 is \pm 14.1 μ m.
- 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.

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Calibrated by

(V. B. Mathew)

Approved by