



# Bharti Automation Private Limited

ACCREDITED BY NABL (A Constituent Board of QCI, Deptt. of Industrial Policy & Promotion, Govt. of India)  
ISO IEC 17025:2017-ACCREDITED LABORATORY



## Calibration Certificate

ULR No.:	CC306824000015298F	Field:	Thermal
Certificate No.:	BA/2K24/528/002(1)	Date of Receipt:	29/07/2024
SRF No.:	240719-528	Date of Calibration:	29/07/2024
SRF Date:	19/07/2024	Recommended Due Date.:	28/07/2025
Company Name & Address	M/S. DR. B LAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BIHARATPUR, RAJASTHAN 321001	(As per agreed by customer)	
		Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	FREEZER	Instrument Sr. No.:	IN-59310504902
Make:	BLUE STAR	Instrument Id No.:	BLAL/EQP/11
Model No.:	SC375F	Location:	LABORATORY
Range	2 to 8 °C	DUC*Condition:	OK
Readability	0.1 °C	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No.	Cert. No	Cal. By	Calibration Due Date
1.	4 Wire RTD Sensor With Indicator	Yudian/AI-5600	23H1108989/2 4027474	30082222	Belz	03/06/2025

Environment Condition	Temperature	Humidity	Calibration Procedure No.
	(25±2)°C	(40-60)%RH	

### CALIBRATION RESULT:


Sr.No.	Standard Reading (°C)	DUC* Reading (°C)	± Error (°C)	Measurement Uncertainty ± (°C)
1	1.97	2.0	0.03	0.67
2	2.99	3.0	0.01	0.67
3	3.97	4.0	0.03	0.67
4	5.98	6.0	0.02	0.67
5	7.96	8.0	0.04	0.67

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By:   
Rajesh Kumar  
Calibration Engineer



Reviewed/Approved By :   
Sanjay Sharma  
Technical Manager

- Note.
1. This Certificate only to the particular instrument submitted for calibration.
  2. This Calibration Result reported in this certificate Valid at the time of and under the stated condition of measurement.
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## Calibration Certificate

ULR No.:	CC306824000015302F	Field:	Mechanical-Speed
Certificate No.:	BA/2K24/528/006(E&I)	Date of Receipt:	29/07/2024
SRF No.:	240719-528	Date of Calibration:	29/07/2024
SRF Date:	19/07/2024	Recommended Due Date.:	28/07/2025
Company Name & Address	M/S. DR. BLAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	(As per agreed by customer)	
		Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	CENTRIFUGE	Instrument Sr. No.:	ZHLN-49850
Make:	REMI	Instrument Id No.:	BLAL/EQP/15
Model No.:	R-8C-PLUS	Location:	LABORATORY
Range	0 to 6000 RPM	DUC*Condition:	OK
Readability	10 RPM	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No	Cert. No.	Cal. By	Calibration Due Date
1.	Digital- Tachometer Meter Variable source	MAXTECH	NA.	AACPL/08079F	AACPL	02/11/2024

Environment Condition	Temperature	Humidity	Calibration Procedure No.
	25±2 °C	65-70 %RH	BA/WL/316

### CALIBRATION RESULT:

Sr. No.	Nominal Value (DUC*) RPM	Standard Value (RPM)	Error ± (RPM)	Deviation in %	Uncertainty ±(%)
1	1000	999.4	0.6	0.1	5.2
2	2000	1985	15	0.8	5.2
3	3000	2987	13	0.4	5.2
4	4000	3992	8	0.2	5.2
5	6000	5983	17	0.3	5.2

### Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.



Calibrated By: *Rajesh Kumar*  
Calibration Engineer

Reviewed/Approved By : *Sanjay Sharma*  
Technical Manager

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**Bharti Automation Pvt. Ltd.**

Plot No-354, Sec-7, IMT Manesar, Gurgaon (Hr.)-122051  
Ph:-9660373737 Email:Callbratlon@bhartiautomation.com  
web://www.bharti.ni@gmail.com



# The Accurate Calibration & Medical Solution

## CALIBRATION CERTIFICATE

Page 1 of 1

CALIBRATION CERTIFICATE OF MICROSCOPE			
Certificate No :	TAC/07-24/B LAL/MS-1001	Calibration Date :	29.07.2024
Job Identification No :	TAC/C/29/07/2024	Next Calibration Date :	28.07.2025
Ref. No :	SRF Dated - 26.07.2024	Issue Date :	01.08.2024

Customer Name	M/s Dr. B LAL CLINICAL LABORATORY PVT. LTD.
Address	Guljar Baag, Main Road, Opposite Multipurpose School, Rajendra Nagar, Bharatpur, Rajasthan 321001

DESCRIPTION OF THE EQUIPMENT TO BE CALIBRATED			
Instrument Name	MICROSCOPE		
Make	LABOMED	Visual Inspection	Ok
Model	VISION - 2000	I.D. No.	BLAL/BTP/MICS/01
Serial No.	.....	Location / Dept.	LABORATORY

CALIBRATION STANDARD USED						
Sl.No.	Master Equipment	Manufacturer	Model No.	Serial No.	Date of Calibration	Valid Upto
1	Electrical Safety Analyzer	DATREND Systems Inc.	vPed - Mini	VPM18100028	14.10.2023	14.10.2024

ENVIRONMENTAL CONDITIONS	Temperature	22.0 °C ± 2.0 °C	Humidity	50 ± 10%RH
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### RESULT

VISUAL TEST		
Sr.No.	Tests	Remarks
1	Power Cords,Cable Checking	OK
2	Mains Socket Checking	OK
3	Equipment Type (B,BF,CF)	CF
4	Equipment Class ( I, II, III )	I

FUNCTIONAL TEST			
Sr.No.	Parameters	Measured Value	Remarks
1	Voltage Between Live and Neutral (VLN)	231.6 V (220-240 V)	OK
2	Voltage Between Live and Earth (VLE)	229.2 V (220-240V)	OK
3	Voltage Between Neutral and Earth (VNE)	0.3 V (0-5V)	OK
4	Load Current (Ia)	0.6 A	OK
5	Enclosure Current	0.7 μA (0-10μA)	OK
6	Leaking Current (IL)	122 μA (0-300μA)	OK
7	Time for Testing (t)	15 (min)	OK

Electrical Safety Test Passed as per IEC Standard 60601.1

Calibration Passed YES  NO

### Remarks:

- 1.Certificates shall not be reproduced except the written approval of The Accurate Calibration & Medical Solution.
- 2.The Calibration result reported in this certificate are only valid at the time of Calibration and the stated condition of measurement.

Calibrated by



Approved by

Plot No. 72/G1, Ganesh Vihar Sirsi Road, Jaipur (Raj.) -302012  
Mob.: 9672294758  
E-mail : theaccuratecalibration@gmail.com



# The Accurate Calibration & Medical Solution

## CALIBRATION CERTIFICATE

Page 1 of 1

### CALIBRATION CERTIFICATE OF MICROSCOPE

Certificate No :	TAC/07-24/B LAL/MS-1002	Calibration Date :	29.07.2024
Job Identification No :	TAC/C/29/07/2024	Next Calibration Date :	28.07.2025
Ref. No :	SRF Dated - 26.07.2024	Issue Date :	01.08.2024

Customer Name	M/s Dr. B LAL CLINICAL LABORATORY PVT. LTD.
Address	Guljar Baag, Main Road, Opposite Multipurpose School, Rajendra Nagar, Bharatpur, Rajasthan 321001

### DESCRIPTION OF THE EQUIPMENT TO BE CALIBRATED

Instrument Name	MICROSCOPE		
Make	LABOMED	Visual Inspection	Ok
Model	VISION - 2000	I.D. No.	BLAL/BTP/MICS/02
Serial No.	-----	Location / Dept.	LABORATORY

### CALIBRATION STANDARD USED

Sl.No.	Master Equipment	Manufacturer	Model No.	Serial No.	Date of Calibration	Valid Upto
1	Electrical Safety Analyzer	DATREND Systems Inc.	vPed - Mini	VPM18100028	14.10.2023	14.10.2024

ENVIRONMENTAL CONDITIONS	Temperature	22.0 °C ± 2.0 °C	Humidity	50 ± 10%RH
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### RESULT

#### VISUAL TEST

Sr.No.	Tests	Remarks
1	Power Cords,Cable Checking	OK
2	Mains Socket Checking	OK
3	Equipment Type (B,BF,CF)	CF
4	Equipment Class ( I, II, III )	I

#### FUNCTIONAL TEST

Sr.No.	Parameters	Measured Value	Remarks
1	Voltage Between Live and Neutral (VLN)	230.8 V (220-240 V)	OK
2	Voltage Between Live and Earth (VLE)	228.8 V (220-240V)	OK
3	Voltage Between Neutral and Earth (VNE)	0.4 V (0-5V)	OK
4	Load Current (Ia)	0.4 A	OK
5	Enclosure Current	0.3 μA (0-10μA)	OK
6	Leaking Current (IL)	142 μA (0-300μA)	OK
7	Time for Testing (t)	15 (min)	OK

Electrical Safety Test Passed as per IEC Standard 60601.1

Calibration Passed

YES



NO



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Approved by

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Mob.: 9672294758

E-mail : theaccuratecalibration@gmail.com



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ISO IEC 17025:2017-ACCREDITED LABORATORY



## Calibration Certificate

ULR No.:	CC306824000015297F		
Certificate No.:	BA/2K24/528/001(T)	Field:	Thermal
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. B LAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
		(As per agreed by customer)	
		Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	INCUBATOR	Instrument Sr. No.:	AL-7781
Make:	LABLINK	Instrument Id No.:	BLAL/EQP/09
Model No.:	NA.	Location:	LABORATORY
Range	35 to 150 °C	DUC*Condition:	OK
Readability	0.1 °C	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No.	Cert. No	Cal. By	Calibration Due Date
1.	4 Wire RTD Sensor With Indicator	Yudian/AI-5600	23H1108989/2 4027474	30082222	Belz	03/06/2025

Environment Condition	Temperature	Humidity	Calibration Procedure No.
	(25±2) °C	(40-60)%RH	BAPL/WI/115

### CALIBRATION RESULT:

Sr.No.	Standard Reading (°C)	DUC* Reading (°C)	± Error (°C)	Measurement Uncertainty ± (°C)
1	29.99	30.0	0.01	0.67
2	49.98	50.0	0.02	0.67
3	99.96	100.0	0.04	0.67
4	119.94	120.0	0.06	0.67
5	149.93	150.0	0.07	0.67

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.



Calibrated By: Rajesh Kumar  
Calibration Engineer

Reviewed/Approved By : Sanjay Sharma  
Technical Manager

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Bharti Auotmation Pvt. Ltd.

Plot No-354, Sec-7, IMT Manesar, Gurgaon (Hr.)-122051

Ph: 0660155775



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## Calibration Certificate

ULR No.:	CC306824000015300F		
Certificate No.:	BA/2K24/528/004(T)	Field:	Thermal
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. B LAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BIHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
		(As per agreed by customer)	
		Certificate Issue Date:	01/08/2024

### DUC\* Details

Instrument Name:	DEEP FREEZER	Instrument Sr. No.:	30179220200273
Make:	BLUE STAR	Instrument Id No.:	BLAL/EQP/13
Model No.:	NWHDAL225H-HC	Location:	LABORATORY
Range	2 to 8 °C	DUC* Condition:	OK
Readability	0.1 °C	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No.	Cert. No	Cal. By	Calibration Due Date
1.	4 Wire RTD Sensor With Indicator	Yudian/AI-5600	2311108989/2 4027474	30082222	Belz	03/06/2025

Environment Condition	Temperature	Humidity	Calibration Procedure No.
	(25±2) °C	(40-60)%RH	

### CALIBRATION RESULT:

Sr.No.	Standard Reading (°C)	DUC* Reading (°C)	± Error (°C)	Measurement Uncertainty ± (°C)
1	1.99	2.0	0.01	0.67
2	2.97	3.0	0.03	0.67
3	3.95	4.0	0.05	0.67
4	5.96	6.0	0.04	0.67
5	7.94	8.0	0.06	0.67

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.



Calibrated By: Rajesh Kumar  
Calibration Engineer

Reviewed/Approved By : Sanjay Sharma  
Technical Manager

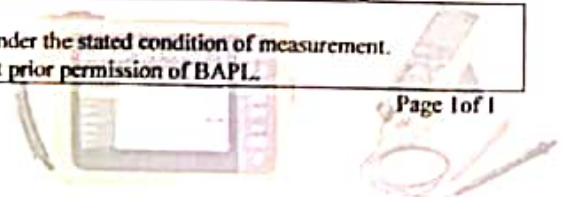
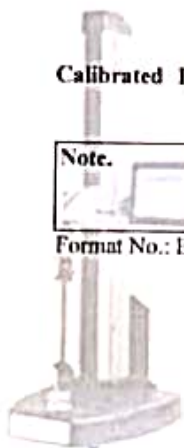
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## Calibration Certificate

ULR No.:	KC306824000015299F		
Certificate No.:	BA/2K24/528/003(1)	Field:	Thermal
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. B LAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
	(As per agreed by customer)	Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	FREEZER	Instrument Sr. No.:	IN-5931067857
Make:	BLUE STAR	Instrument Id No.:	BLAL/EQP/12
Model No.:	SC375F	Location:	LABORATORY
Range	2 to 8 °C	DUC*Condition:	OK
Readability	0.1 °C	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No.	Cert. No	Cal. By	Calibration Due Date
1.	4 Wire RTD Sensor With Indicator	Yudian/AI-5600	23H1108989/2 4027474	30082222	Belz	03/06/2025

Environment Condition	Temperature	Humidity	Calibration Procedure No.
	(25±2) °C	(40-60)%RH	BAPL/WI/115

### CALIBRATION RESULT;

Sr.No.	Standard Reading (°C)	DUC* Reading (°C)	± Error (°C)	Measurement Uncertainty ± (°C)
1	1.98	2.0	0.02	0.67
2	2.96	3.0	0.04	0.67
3	3.94	4.0	0.06	0.67
4	5.95	6.0	0.05	0.67
5	7.93	8.0	0.07	0.67

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By: Rajesh Kumar  
Calibration Engineer



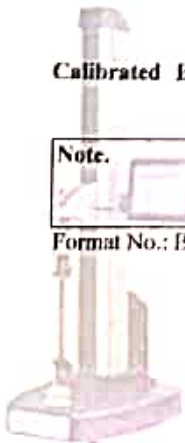
Reviewed/Approved By : Sanjay Sharma  
Technical Manager

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## Calibration Certificate

ULR No.:	CC306824000015301F	Field:	Electro-Technical
Certificate No.:	BA/2K24/528/005(E&T)	Date of Receipt:	29/07/2024
SRF No.:	240719-528	Date of Calibration:	29/07/2024
SRF Date:	19/07/2024	Recommended Due Date.:	28/07/2025
Company Name & Address	M/S. DR. BLAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BIHARATPUR, RAJASTHAN 321001	(As per agreed by customer)	Certificate Issue Date:
			01/08/2024

### DUC\*Details

Instrument Name:	STOP WATCH LAB	Instrument Sr. No.:	NA.
Make:	SPRINTER	Instrument Id No.:	BLAL/EQP/14
Model No.:	DT 109	Location:	LABORATORY
Range	99:59:59	DUC*Condition:	OK
Readability:	1 Sec	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No.	Cert. No	Cal. By	Calibration Due Date
1.	Universal Timer	SWASTIK	240920220229	NTS/1233	NTS	18/09/2024

Environment Condition	Temperature	Humidity	Calibration Procedure No.
	(25±2) °C	(40-60)%RH	BAPL/WI/113

### CALIBRATION RESULT:

Sr. No.	Parameter/Range	Set Point on Standard (Sec)	DUC* Reading (Hr : min : sec:1/100sec)	± Measurement Uncertainty(in sec)
1.	1 min	60	00:01:00:13	6.9
2.	5 min	300	00:05:00:35	6.9
4.	10 min	600	00:10:00:21	6.9
5.	15 min	900	00:15:00:45	6.9
6.	30 min	1800	00:30:00:59	6.9
7.	60 min	3600	00:60:00:09	6.9

### Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By: Rajesh Kumar  
Calibration Engineer



Reviewed/Approved By: Sanjay Sharma  
Technical Manager

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## Calibration Certificate

ULR No.:	CC306824000015306F		
Certificate No.:	BA/2K24/528/010(E&T)	Field:	Electro-Technical
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. BLAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
		(As per agreed by customer)	
		Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	STOPWATCH LAB	Instrument Sr. No.:	NA.
Make:	LOUDSTAR	Instrument Id No.:	BLAL/EQP/22
Model No.:	105	Location:	LABORATORY
Range	99:59:59	DUC*Condition:	OK
Readability:	1 Sec	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No.	Cert. No	Cal. By	Calibration Due Date
1.	Universal Timer	SWASTIK	240920220229	NTS/1233	NTS	18/09/2024

Environment Condition	Temperature	Humidity	Calibration Procedure No.
	(25±2) °C	(40-60 )%RH	BAPL/WI/113

### CALIBRATION RESULT:

Sr. No.	Parameter/Range	Set Point on Standard (Sec)	DUC* Reading (Hr : min: sec:1/100sec)	± Measurement Uncertainty(in sec)
1.	1 min	60	00:01:00:24	6.9
2.	5 min	300	00:05:00:19	6.9
4.	10 min	600	00:10:00:46	6.9
5.	15 min	900	00:15:00:53	6.9
6.	30 min	1800	00:30:00:32	6.9
7.	60 min	3600	00:60:00:17	6.9

### Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By:

Rajesh Kumar  
Calibration Engineer



Reviewed/Approved By:

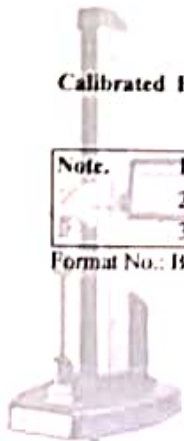
Sanjay Sharma  
Technical Manager

<b>Note.</b>	1. This Certificate only to the particular instrument submitted for calibration.
	2. This Calibration Result reported in this certificate Valid at the time of and under the stated condition of measurement.
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**Bharti Automation Pvt. Ltd.**

Plot No-354, Sec-7, IMT Manesar, Gurgaon (Hr.)-122051  
Ph:-9660373737 Email:Calibration@bhartiautomation.com  
web://www.bharti.ni@gmail.com



# Bharti Automation Private Limited

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ISO IEC 17025:2017-ACCREDITED LABORATORY



## Calibration Certificate

ULR No.:	CC306824000015303F	Field:	Mechanical-Speed
Certificate No.:	BA/2K24/528/007(1&1)	Date of Receipt:	29/07/2024
SRF No.:	240719-528	Date of Calibration:	29/07/2024
SRF Date:	19/07/2024	Recommended Due Date.:	28/07/2025
Company Name & Address	M/S. DR. B LAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	(As per agreed by customer)	
		Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	CENTRIFUGE	Instrument Sr. No.:	ZIAN-01539
Make:	REMI	Instrument Id No.:	BLAL/EQP/17
Model No.:	R-8C-PLUS	Location:	LABORATORY
Range	0 to 6000 RPM	DUC*Condition:	OK
Readability	10 RPM	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No	Cert. No.	Cal. By	Calibration Due Date
1.	Digital- Tachometer Meter Variable source	MAXTECH	NA.	AACPL/08079F	AACPL	02/11/2024

Environment Condition	Temperature	Humidity	Calibration Procedure No.
	25±2 °C	65-70 %RH	BA/WI/316

### CALIBRATION RESULT:

Sr. No.	Nominal Value (DUC*) RPM	Standard Value (RPM)	Error ± (RPM)	Deviation in %	Uncertainty ±(%)
1	1000	998.3	1.7	0.2	5.2
2	2000	1994	6	0.3	5.2
3	3000	2981	19	0.6	5.2
4	4000	3995	5	0.1	5.2
5	6000	5987	13	0.2	5.2

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By: *Rajesh Kumar*  
Calibration Engineer



Reviewed/Approved By: *Sanjay Sharma*  
Technical Manager

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ISO IEC 17025:2017-ACCREDITED LABORATORY



## Calibration Certificate

ULR No.:	CC306824000015305F		
Certificate No.:	BA/2K24/528/009(M&MV)	Field:	Mechanical-Mass-Volume
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. B LAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
	(As per agreed by customer)	Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	MICROPIPETTE	Instrument Sr. No.:	SW19744
Make:	THERMO SCIENTIFIC	Instrument Id No.:	BLAL/EQP/19
Model No.:	F2	Location:	LABORATORY
Range	20 to 200 µl	DUC*Condition:	OK
Readability	1 µl	Calibration Performance:	At Lab

### Standard Equipment Used (Traceable to National Standard)

Sr. No.	Name	Make	Sr. No.	Cert. No.	Traceability	Validity of Calibration
01.	Dig. Weighing Balance with distilled water	WENSOR	93699	WMCL/BAL/2023-08/2599	WEIGHTRONICS	09/08/2024

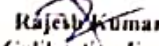
Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure No.
	24.7°C	57%RH	OIMLR-76-1	BAPL/WI/314

### CALIBRATION RESULTS:


Sr.No.	Standard value (µl)	Nominal Value DUC* (µl)	± Error (µl)	± Measurement Uncertainty ± (µl)
1	99.9777	100	0.0223	3.8
2	119.9811	120	0.0189	3.8
3	149.9877	150	0.0123	3.8
4	179.9759	180	0.0241	3.8
5	199.9723	200	0.0277	3.8

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By:   
Rajesh Kumar  
Calibration Engineer



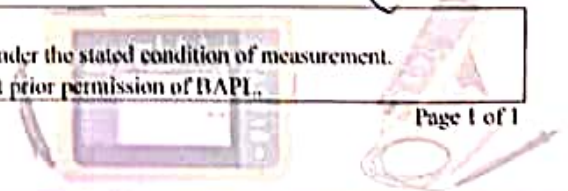
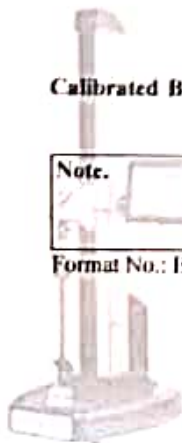
Reviewed/Approved By:   
Sanjay Sharma  
Technical Manager

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Ph:-9660373737 Email:Calibration@bhartiautomation.com  
web://www.bharti.nl@gmail.com

## Calibration Certificate

Certificate No.:	BA/2K24/528/018(M&MV)	Field:	Mechanical-Mass-Volume
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. B LAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
		(As per agreed by customer)	
		Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	MICROPIPETTE	Instrument Sr. No.:	AB02228
Make:	ERBA	Instrument Id No.:	BLAL/EQP/21
Model No.:	NA.	Location:	LABORATORY
Range	5 to 50 $\mu$ l	DUC*Condition:	OK
Readability	0.5 $\mu$ l	Calibration Performance:	At Lab

### Standard Equipment Used (Traceable to National Standard)

Sr. No.	Name	Make	Sr. No.	Cert. No.	Traceability	Validity of Calibration
01.	Dig. Weighing Balance with distilled water	WENSOR	93699	WMCL/BAL/2023-08/2599	WEIGHTRONICS	09/08/2024

Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure No.
	24.7°C	57%RH	OIMLR-76-1	

### CALIBRATION RESULTS:

Sr.No.	Standard value ( $\mu$ l)	Nominal Value DUC* ( $\mu$ l)	$\pm$ Error ( $\mu$ l)	$\pm$ Measurement Uncertainty ( $\pm$ ( $\mu$ l))
1	9.9755	10.0	0.0245	3.8
2	19.9877	20.0	0.0123	3.8
3	29.9776	30.0	0.0224	3.8
4	39.9834	40.0	0.0166	3.8
5	49.9818	50.0	0.0182	3.8

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By: Rajesh Kumar  
Calibration Engineer



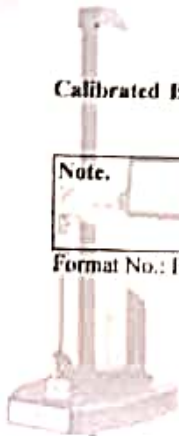
Reviewed/Approved By: Sanjay Sharma  
Technical Manager

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ISO IEC 17025:2017-ACCREDITED LABORATORY



## Calibration Certificate

ULR No.:	CC306824000015304E		
Certificate No.:	BA/2K24/528/008(M&MV)	Field:	Mechanical-Mass-Volume
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. B.LAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
		(As per agreed by customer)	
		Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	MICROPIPETTE	Instrument Sr. No.:	SW19741
Make:	THERMO SCIENTIFIC	Instrument Id No.:	BLAL/EQP/18
Model No.:	F2	Location:	LABORATORY
Range	20 to 200 µl	DUC*Condition:	OK
Readability	1 µl	Calibration Performance:	At Lab

### Standard Equipment Used (Traceable to National Standard)

Sr. No.	Name	Make	Sr. No.	Cert. No.	Traceability	Validity of Calibration
01.	Dig. Weighing Balance with distilled water	WENSOR	93699	WMCL/BAL/2023-08/2599	WEIGHTRONICS	09/08/2024

Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure No.
	24.7°C	57%RH	OIMLR-76-1	BAPL/WI/314

### CALIBRATION RESULTS:

Sr.No.	Standard value (µl)	Nominal Value DUC* (µl)	± Error (µl)	± Measurement Uncertainty ± (µl)
1	99.9802	100	0.0198	3.8
2	119.9785	120	0.0215	3.8
3	149.9822	150	0.0178	3.8
4	179.9761	180	0.0239	3.8
5	199.9879	200	0.0121	3.8

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By: *Kajal Kumar*  
Calibration Engineer



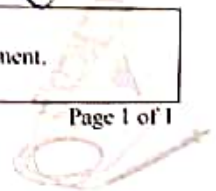
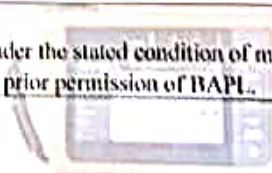
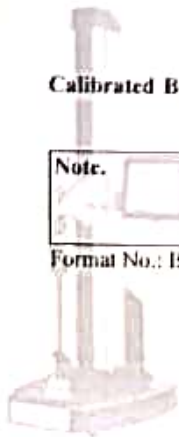
Reviewed/Approved By: *Sanjay Sharma*  
Technical Manager

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**Bharti Automation Pvt. Ltd.**

Plot No-354, Sec-7, IMT Manesar, Gurgaon (Hr.)-122051  
Ph:-9660373737 Email:Calibration@bhartiautomation.com  
web://www.bharti.nl@gmail.com

## Calibration Certificate

Certificate No.:	BA/2K24/528/017(M&MV)	Field:	Mechanical-Mass-Volume
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. B.LAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
		(As per agreed by customer)	
		Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	MICROPIPETTE	Instrument Sr. No.:	YE213A50159234
Make:	ERBA	Instrument Id No.:	BLAL/EQP/20
Model No.:	NA.	Location:	LABORATORY
Range	10 to 100 µl	DUC*Condition:	OK
Readability	1 µl	Calibration Performance:	At Lab

### Standard Equipment Used (Traceable to National Standard)

Sr. No.	Name	Make	Sr. No.	Cert. No.	Traceability	Validity of Calibration
01.	Dig. Weighing Balance with distilled water	WENSOR	93699	WMCL/BAL/2023-08/2599	WEIGHTRONICS	09/08/2024


Environment Condition	Temperature 24.7°C	Humidity 57%RH	Reference Standard OIMLR-76-1	Calibration Procedure No. BAPL/WI/314
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### CALIBRATION RESULTS:


Sr.No.	Standard value (µl)	Nominal Value DUC* (µl)	± Error (µl)	± Measurement Uncertainty ± (µl)
1	9.9849	10	0.0151	3.8
2	29.9787	30	0.0213	3.8
3	49.9802	50	0.0198	3.8
4	79.9753	80	0.0247	3.8
5	99.9831	100	0.0169	3.8

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By:   
Rajesh Kumar  
Calibration Engineer



Reviewed/Approved By:   
Sanjay Sharma  
Technical Manager

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ISO IEC 17025:2017-ACCREDITED LABORATORY



## Calibration Certificate

ULR No.:	CC306824000015312F		
Certificate No.:	BA/2K24/528/016(T)	Field:	Thermal
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. B LAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
		(As per agreed by customer)	
DUC*Details		Certificate Issue Date:	01/08/2024

Instrument Name:	MULTI THERMOMETER	Instrument Sr. No.:	NA.
Make:	R-TEK	Instrument Id No.:	BLAL/EQP/28
Model No.:	R-TEK/NA.	Location:	LABORATORY
Range	-50 to 300 °C	DUC*Condition:	OK
Readability	0.1 °C	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No.	Cert. No	Cal. By	Calibration Due Date
1.	Wire RTD Sensor With Indicator With liquid bath	Yudian/AI-5600	23H1108989/24027474	30082222	Belz	03/06/2025

Environment Condition	Temperature (25±2) °C	Humidity (40-60)%RH	Calibration Procedure No. BAPL/WI/115
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### CALIBRATION RESULT:

Sr.No.	Standard Reading (°C)	DUC* Reading (°C)	± Error (°C)	Measurement Uncertainty ± (°C)
1	-29.97	-30.0	-0.03	0.52
2	9.99	10.0	0.01	0.52
3	49.96	50.0	0.04	0.52
4	99.98	100.0	0.02	0.52
5	249.95	250.0	0.05	0.52

Note: DUC\*: Device Under Calibration  
The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By: Rajesh Kumar  
Calibration Engineer



Reviewed/Approved By : Sanjay Sharma  
Technical Manager

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ISO IEC 17025:2017-ACCREDITED LABORATORY



## Calibration Certificate

ULR No.:	CC306824000015307F		
Certificate No.:	BA/2K24/528 011(M&MV)	Field:	Mechanical-Mass-Volume
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. BLAI CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
	(As per agreed by customer)	Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	MICROPIPETTE	Instrument Sr. No.:	SW29429
Make:	THERMO SCIENTIFIC	Instrument Id No.:	BLAI/EQP/23
Model No.:	F2	Location:	LABORATORY
Range	100 to 1000 µl	DUC*Condition:	OK
Readability	1 µl	Calibration Performance:	At Lab

### Standard Equipment Used (Traceable to National Standard)

Sr. No.	Name	Make	Sr. No.	Cert. No.	Traceability	Validity of Calibration
01.	Dig. Weighing Balance with distilled water	WENSOR	93699	WMCL/BAL/2023-08/2599	WEIGHTRONICS	09/08/2024


Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure No.
	24.7°C	57%RH	OIMLR-76-1	BAPL/WU/314

### CALIBRATION RESULTS:

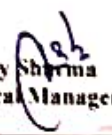
Sr.No.	Standard value (µl)	Nominal Value DUC* (µl)	± Error (µl)	± Measurement Uncertainty ± (µl)
1	99.9889	100	0.0111	3.8
2	299.9756	300	0.0244	3.8
3	499.9874	500	0.0126	3.8
4	799.9759	800	0.0241	3.8
5	999.9843	1000	0.0157	3.8

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By:   
Rajesh Kumar  
Calibration Engineer



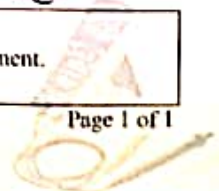
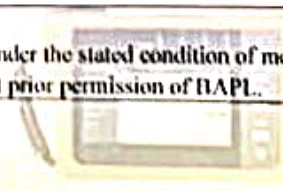
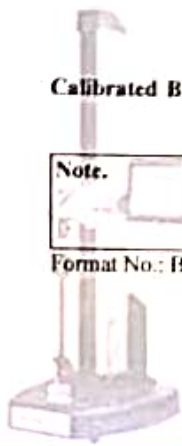
Reviewed/Approved By:   
Sanjay Sharma  
Technical Manager

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ISO IEC 17025:2017-ACCREDITED LABORATORY



## Calibration Certificate

ULR No.:	CC306824000015310F		
Certificate No.:	BA/2K24/528/014(T)	Field:	Thermal
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. BLAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
		(As per agreed by customer)	
		Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	MULTI THERMOMETER	Instrument Sr. No.:	NA.
Make:	R-TEK	Instrument Id No.:	BLAL/EQP/25
Model No.:	R-TEK/NA.	Location:	LABORATORY
Range	-50 to 300 °C	DUC*Condition:	OK
Readability	0.1 °C	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No.	Cert. No	Cal. By	Calibration Due Date
1.	Wire RTD Sensor With Indicator With liquid bath	Yudian/AI-5600	23H1108989/2 4027474	30082222	Belz	03/06/2025

Environment Condition	Temperature	Humidity	Calibration Procedure No.
	(25±2) °C	(40-60)%RH	BAPL/WI/115

### CALIBRATION RESULT:


Sr.No.	Standard Reading (°C)	DUC* Reading (°C)	± Error (°C)	Measurement Uncertainty ± (°C)
1	-29.98	-30.0	-0.02	0.52
2	9.99	10.0	0.01	0.52
3	49.99	50.0	0.01	0.52
4	99.97	100.0	0.03	0.52
5	249.96	250.0	0.04	0.52

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By:   
Rajesh Kumar  
Calibration Engineer



Reviewed/Approved By :   
Sanjay Sharma  
Technical Manager

- Note.
1. This Certificate only to the particular instrument submitted for calibration.
  2. This Calibration Result reported in this certificate Valid at the time of and under the stated condition of measurement.
  3. This particular certificate cannot be reproduce except in full written, without prior permission of BAPL.

Format No.: BA/CC/01, Rev no.-01, Rev.17/11/2022

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---End of Certificate---

**Bharti Automation Pvt. Ltd.**

Plot No-354, Sec-7, IMT Manesar, Gurgaon (Hr.)-122051  
Ph:-9660373737 Email:Calibration@bhartiautomation.com  
web://www.bharti.ni@gmail.com



# Bharti Automation Private Limited

ACCREDITED BY NABL (A Constituent Board of QCI, Deptt. of Industrial Policy & Promotion, Govt. of India)

ISO IEC 17025:2017-ACCREDITED LABORATORY



## Calibration Certificate

ULR No.:	CC/306824000015311F		
Certificate No.:	BA/2K24/5283015(1)	Field:	Thermal
SRI No.:	240719-528	Date of Receipt:	29/07/2024
SRI Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. BLAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
		(As per agreed by customer)	
		Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	MULTI THERMOMETER	Instrument Sr. No.:	NA.
Make:	R-TEK	Instrument Id No.:	BLAL/EQP/27
Model No.:	R-TEK/NA.	Location:	LABORATORY
Range	-50 to 300 °C	DUC*Condition:	OK
Readability	0.1 °C	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No.	Cert. No	Cal. By	Calibration Due Date
1.	4 Wire RTD Sensor With Indicator With liquid bath	Yudian/AI-5600	2311108989/24027474	30082222	Belz	03/06/2025

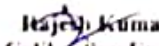
Environment Condition	Temperature	Humidity	Calibration Procedure No.
	(25±2) °C	(40-60)%RH	BAPL/W/115

### CALIBRATION RESULT:

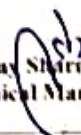
Sr.No.	Standard Reading (°C)	DUC* Reading (°C)	± Error (°C)	Measurement Uncertainty ± (°C)
1	-29.99	-30.0	-0.01	0.52
2	9.97	10.0	0.03	0.52
3	49.95	50.0	0.05	0.52
4	99.96	100.0	0.04	0.52
5	249.94	250.0	0.06	0.52

### Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By:   
Rajesh Kumar  
Calibration Engineer



Reviewed/Approved By :   
Sanjay Sharma  
Technical Manager

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## Calibration Certificate

ULR No.:	CC 3068240000153091		
Certificate No.:	BA/2K24/528/013(1)	Field:	Thermal
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. BLAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
	(As per agreed by customer)	Certificate Issue Date:	01/08/2024

**DUC\*Details**

Instrument Name:	DIGITAL THERMO HYGROMETER	Instrument Sr. No.:	RT-45379
Make:	R-TEK	Instrument Id No.:	BLAL/EQP/26
Model No.:	R-TEK/NA	Location:	LABORATORY
Range	0 to 50 °C/20 to 95 % RH	DUC*Condition:	OK
Readability	0.1°C/1 % RH	Calibration Performance:	At Site

**Standard Equipment Used (Traceable to National Standard)**

Sr. No	Instrument Name	Make	Sr. No.	Cert. No.	Cal. By	Calibration Due Date
1.	Digital Hygrometer With Humidity Chamber	HANNA	08357194	CCTPL/DTH/0261/01	CCTPL	17/10/2024

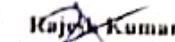
Environment Condition	Temperature	Humidity	Calibration Procedure No.
	25±2 °C	55±10 % RH	BAPL/WI/117

**CALIBRATION RESULTS:**


Humidity (%RH) @ 25 °C					Temperature (°C) 50% RH			
Sr.No.	Standard (%RH)	DUC* (%RH)	± ERROR	Expanded Uncertainty ± (%RH)	Standard (°C)	DUC* (°C)	± ERROR	Expanded Uncertainty DUC*(°C)
1	20.2	20	0.2	1.64	26.99	27.0	0.01	0.52
2	30.1	30	0.1	1.64	29.97	30.0	0.03	0.52
3	50.2	50	0.2	1.64	34.95	35.0	0.05	0.52
4	65.4	65	0.4	1.64	39.93	40.0	0.07	0.52
5	89.5	90	0.5	1.64	44.94	45.0	0.06	0.52

Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By:   
 Calibration Engineer



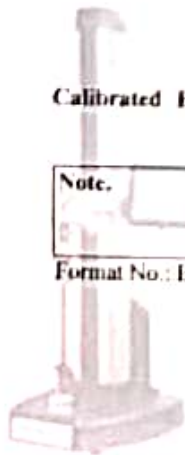
Reviewed/Approved By :   
 Technical Manager

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ISO IEC 17025:2017-ACCREDITED LABORATORY



## Calibration Certificate

ULR No.:	CC306824000015308F		
Certificate No.:	BA/2K24/528/012(1)	Field:	Thermal
SRF No.:	240719-528	Date of Receipt:	29/07/2024
SRF Date:	19/07/2024	Date of Calibration:	29/07/2024
Company Name & Address	M/S. DR. B LAL CLINICAL LABORATORY PVT. LTD. GULJAAR BAAG MAIN ROAD, OPPOSITE MULTIPURPOSE SCHOOL, RAJENDRA NAGAR, BHARATPUR, RAJASTHAN 321001	Recommended Due Date.:	28/07/2025
	(As per agreed by customer)	Certificate Issue Date:	01/08/2024

### DUC\*Details

Instrument Name:	DIGITAL THERMO HYGROMETER	Instrument Sr. No.:	RT-45440
Make:	R-TEK	Instrument Id No.:	BLAL/EQP/24
Model No.:	R-TEK/NA.	Location:	LABORATORY
Range	0 to 50 °C/20 to 95 % RH	DUC*Condition:	OK
Readability	0.1°C/1 % RH	Calibration Performance:	At Site

### Standard Equipment Used (Traceable to National Standard)

Sr. No	Instrument Name	Make	Sr. No.	Cert. No.	Cal. By	Calibration Due Date
1.	Digital Hygrometer With Humidity Chamber	HANNA	08357194	CCTPL/DTH/0261/01	CCTPL	17/10/2024

Environment Condition	Temperature	Humidity	Calibration Procedure No.
	25±2 °C	55±10 % RH	BAPL/WI/117

### CALIBRATION RESULTS:

Humidity (%RH) @ 25 °C					Temperature (°C) 50% RH			
Sr.No.	Standard (%RH)	DUC* (%RH)	± ERROR	Expanded Uncertainty ± (%RH)	Standard (°C)	DUC* (°C)	± ERROR	Expanded Uncertainty DUC*(°C)
1	20.1	20	0.1	1.64	26.97	27.0	0.03	0.52
2	30.3	30	0.3	1.64	29.98	30.0	0.02	0.52
3	50.5	50	0.5	1.64	34.99	35.0	0.01	0.52
4	65.2	65	0.2	1.64	39.96	40.0	0.04	0.52
5	89.7	90	0.3	1.64	44.95	45.0	0.05	0.52

### Note: DUC\*: Device Under Calibration

The reported Uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95 % for normal distribution.

Calibrated By:  Rajesh Kumar  
Calibration Engineer

Reviewed/Approved By:  Sanjay Sharma  
Technical Manager

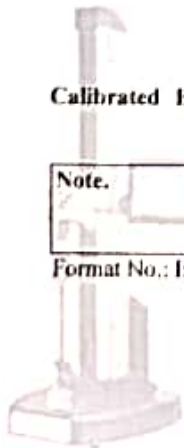
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