

**CALIBRATION CERTIFICATE**

Discipline:- Mechanical		7.8 F-02/(D)	Page 1 of 1
ULR No. - CC221321000001620F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/07		Date of Receipt of Item	----
Calibrated For	M/S Mayom Multispeciality Hospital South City - 1, D - Block , Sector - 41, Gurgaon - 122003	Calibrated on	19.01.2021
		Suggested Next Due Date	19.01.2022
		Cert. Issue Date	20.01.2021

**Description of Sample**

Nomenclature	Centrifuge	Accuracy	N/A
Make	RK Surgical Industries	Condition of UUC	OK
Range	0 - 5000 rpm	Calibration Performed at	Site
Least count	50 rpm	Calibration Procedure No.	CP/E-12
Serial No./Model No.	----	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/JUL-16/CF/02	Reference Standard	Indian Standard
Location	Laboratory	Environmental Cond's	23±5°C
		RH %	40 to 70%

**Master Equipment / Standard Used**

S.No.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Digital Tachometer	EAPL	NCL/DTM-02	NCLPL	NCL/K/2020/24/01	28.11.2021

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

**RESULTS**

S.No.	UUC Value ( rpm )	Standard Value ( rpm )	Error ( rpm )	Uncertainty( ±% )
1	100	99.3	-0.7	5.42
2	500	499.1	-0.9	2.5
3	1000	998.3	-1.7	
4	3000	2998	-2	
5	5000	4996	-4	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor ( k = 2)

**Remarks:**

**NOTE :-**

1. This results of calibration refers only to the particular item submitted for calibration
2. This certificate shall not be reproduce,expert in full, without the written permission of the laboratory.
3. The above result are valid at the time of and under the stated condition of measurement.
4. Calibration certificate without signature are not valid.
5. \*UUC = Unit under Calibration
6. Statement of conformity and applicable decision rule as standard.

Calibrated By

  
Calibration Engineer



Approved By

  
Quality Manager/Technical Manager

**CALIBRATION CERTIFICATE**

Discipline:- Mechanical		7.8 F-02/(MV)	Page 1 of 1
ULR No. - CC221321000001617F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/04		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital South City - 1, D - Block , Sector - 41, Gurgaon - 122003	Calibrated on	19.01.2021
		Suggested Next Due Date	19.01.2022
		Cert. Issue Date	20.01.2021

**Description of Sample**

Nomenclature	Micropipette	Accuracy	N/A
Make	Erba	Condition of UUC	OK
Size	0.5 to 50 µl	Calibration Performed at	Lab
Least count	0.5 µl	Calibration Procedure No.	CP/M/MV/04
Serial No./Model No.	01165297	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/12/1/PT/01	Reference Standard	IS/ISO: 835-2007
Location	Laboratory	Environmental Cond's	23 ± 2°C
		RH %	40 to 60 % RH

**Master Equipment / Standard Used**

S.No.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Dig. Weighing Balance	Citizen	NCL/WB/03	MCLPL	21000000576	31.12.2021

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

**RESULTS**

S.No.	UUC Value (in µl)	Observed Value on Standard (in µl)	Error in (µl)	Mean Average Value at 27°C (in µl)
1	10	10.04	-0.04	10.04
2	30	30.12	-0.12	30.12
3	50	50.34	-0.34	50.34

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor  $k = 2 \pm 0.5\mu$

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Quality Manager/Technical Manager

## CALIBRATION CERTIFICATE

Discipline:- Mechanical		7.8 F-02/(MV)	Page 1 of 1
ULR No. - CC22132100001618F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/05		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital South City - 1, D - Block , Sector - 41, Gurgaon - 122003	Calibrated on	19.01.2021
		Suggested Next Due Date	19.01.2022
		Cert. Issue Date	20.01.2021

### Description of Sample

Nomenclature	Micropipette	Accuracy	N/A
Make	Erba	Condition of UUC	OK
Size	100 to 1000 µl	Calibration Performed at	Lab
Least count	5 µl	Calibration Procedure No.	CP/M/MV/04
Serial No./Model No.	01147816	Test Purpose	Calibration
Party ID Mark No.	MH/ME/LAB/12/1/PT/02	Reference Standard	IS/ISO: 835-2007
Location	Laboratory	Environmental Cond's	23 ± 2°C
		RH %	40 to 60 % RH

### Master Equipment / Standard Used

S.No.	Nomenclature	Make	S.No./ I/D Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Dig. Weighing Balance	Citizen	NCL/WB/03	MCLPL	21000000576	31.12.2021

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

### RESULTS

S.No.	UUC Value (in µl)	Observed Value on Standard (in µl)	Error in (µl)	Mean Average Value at 27°C (in µl)
1	100	99.87	0.13	99.87
2	500	499.21	0.79	499.21
3	1000	998.69	1.31	998.69

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor  $k = 2. \pm 0.6 \mu l$

### Remarks:

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## CALIBRATION CERTIFICATE

Discipline:- Thermal		7.8 F-02/(T)	Page 1 of 1
ULR No. - CC221321000001616F		Date of Request	16.01.2021
Certificate No. : NCL/A/2021/67/03		Date of Receipt of Item	19.01.2021
Calibrated For	M/S Mayom Multispeciality Hospital	Calibrated on	19.01.2021
	South City - 1, D - Block , Sector - 41,	Suggested Next Due Date	19.01.2022
	Gurgaon - 122003	Cert. Issue Date	20.01.2021

Description of Sample			
Nomenclature	Digital Thermo Hygrometer with Sensor of Refrigerator	Accuracy	N/A
Make	Tempotec	Condition of UUC	OK
Range	Upto 60°C / 10 to 99 %RH	Calibration Performed at	Lab
Least count	0.1°C / 1%RH	Calibration Procedure No.	CP/T-08
Serial No./Model	---	Test Purpose	Calibration
Party ID Mark No.	MH/ME/JAN-11/LAB/RF/01	Reference Standard	ITS-90
Location	Laboratory	Environmental Cond's	25±4°C
		RH %	30 to 75 % RH

Master Equipment / Standard Used						
S.No	Nomenclature	Make	S.No./ ID Mark	Calibrated By	Certificate No.	Due Date of Cal
1	Digital Temperature & Humidity Meter With Sensor	Polltech	20275540 NCL/DTHM-01	Transcal	TSC/20-21/8834-2	08.12.2021

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


RESULTS				
S.No	UUC Value (°C)	Standard Value (°C) @ 50%RH	Error (°C)	Uncertainty (±°C)
1	15.0	15.12	-0.12	0.46
2	24.9	25.21	-0.31	
3	49.9	50.63	-0.73	
S.No	UUC Value (%RH)	Standard Value (%RH) @ 25 °C	Error (%RH)	Uncertainty (±%RH)
1	30	30.22	-0.22	0.94
2	46	46.74	-0.74	
3	83	83.88	-0.88	

Uncertainty expressed at approximately 95% Confidence Level with Coverage factor  $k = 2$ .

**Remarks:**

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