

Parashar Micro Measurement Pvt. Ltd.



B-59, SECTOR-64, NOIDA (U.P.) 201 307
 PH.: 0120-4252360-65, Email : pmmpl.india@gmail.com
 Website : www.pmmpl.in, www.parashar.info
 (NABL ACCREDITED LABORATORY)



Calibration Certificate

ULR - CC279521000017920F		Page 1 of 1				
Certificate Number : PMM/12789/7		Date of Request				
Calibrated For	M/s. Nirvana Diagnostic Centre Medical Mor, PIG Road, Rohtak - 124001	Calibrated on	20.07.2021			
		Valid Upto	19.07.2022			
		Cert. Issue Date	23.07.2021			
Description of Equipments						
Nomenclature	Refrigerator (Dig. Temp. Indicator With Sensor)	Accuracy/Class	Not Mentioned			
Range	- 50 to 70 ° C	Condition of UUC	Physically Ok			
Resolution / Least Count	0.1 ° C	Serial No.	-----			
Make & Model No.	-----	Party ID Mark No.	-----			
Material / Type	-----	Location	Lab			
Master Equipment / Standard Used						
Sr. No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration
1	Dig. Temp Indicator With RTD Sensor	Tempsens YCT	PMM/RTD/02 PMM/RTDTHM/01	PMMPL, Noida	PMM/TH/DTIWS/1225	05.02.2022

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

Calibration Performed at	Site	Environmental Condition(s)	Temperature = 25 ± 5° C
Calibration Procedure No.	CP/T/S/04		Humidity = 30 to 75 % RH
Reference Standard / Guideline	IS:2806 - 1992 Conversion Table ITS-90		

Thermal Calibration

CALIBRATION RESULTS

S.N.	Nominal Value in UUC (in ° C)	Actual Observed Value in Std. (in ° C)	Error (in ° C)
1	2.0	2.12	-0.12
2	4.1	4.25	-0.15
3	8.2	8.37	-0.17

UUC - Unit Under Calibration

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor $k = 2$) = ± 0.47 ° C

ch.n

Calibrated By : Chandrakesh Nishad
 Designation : Calibration Engineer



J.P.

Approved By : Jai Prakash
 Designation : Tech. Manager / Auth. Sign.

- Conditions :**
1. This certificate refers only to the particular item submitted for calibration.
 2. The calibration result reported in this certificate are valid at the time of and under the stated conditions of measurement.
 3. This particular certificate can not be reproduced except in full, without prior permission of chief executive officer of the lab.

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Calibration Certificate

ULR - CC279521000017918F Page 1 of 1

Certificate Number : PMM/12789/5		UUC Received on	20.07.2021
Calibrated For	M/s. Nirvana Diagnostic Centre	Calibrated on	20.07.2021
	Medical Mor, PIG Road,	Valid Upto	19.07.2022
	Rohtak - 124001	Cert. Issue Date	23.07.2021

Description of Equipments

Nomenclature	Micro Pipette	Accuracy/Class	Not Mentioned
Range	20 - 200 μ l	Condition of UUC	Physically Ok
Resolution / Least Count	1 μ l	Serial No.	YN4A007574
Make & Model No.	Agappe	Party ID Mark No.	-----
Material / Type	-----	Location	Lab

Master Equipment / Standard Used

Sr.No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration
1	Digital Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida	PMM/1265	17.05.2022

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

Calibration Performed at	Laboratory	Environmental	Temperature = $23 \pm 2^\circ$ C
Calibration Procedure No.	CP/M/MV/04	Condition(s)	Humidity = 30 to 75 % RH
Reference Standard / Guideline	ISO-8655-6		

Mechanical Calibration

CALIBRATION RESULTS

Sr.No.	Nominal Value in UUC (in μ l)	Actual Observed Value Mean Value in Std. (in μ l)	Error (in μ l)	Mean Average Value at 27° C (in μ l)
1	20	19.98	0.02	19.98
2	100	99.88	0.12	99.89
3	200	200.45	-0.45	200.47

UUC:- Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor $k = 2$) = $\pm 0.65 \mu$ l

Calibrated By : Pankaj Yadav
Designation : Calibration Engineer



Approved By : Jai Prakash
Designation : Tech. Manager / Auth. Sign.

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CC - 2795

Calibration Certificate

ULR - CC279521000017919F		Page 1 of 1				
Certificate Number : PMM/12789/6		UUC Received on 20.07.2021				
Calibrated For	M/s. Nirvana Diagnostic Centre Medical Mor, PIG Road, Rohtak - 124001	Calibrated on Valid Upto Cert. Issue Date	20.07.2021 19.07.2022 23.07.2021			
Description of Equipments						
Nomenclature	Micro Pipette	Accuracy/Class	Not Mentioned			
Range	100 - 1000 µl	Condition of UUC	Physically Ok			
Resolution / Least Count	1 µl	Serial No.	QW06859			
Make & Model No.	Thermo Scientific	Party ID Mark No.	-----			
Material / Type	-----	Location	Lab			
Master Equipment / Standard Used						
Sr.No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration
1	Digital Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida	PMM/1265	17.05.2022

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

Calibration Performed at	Laboratory	Environmental	Temperature = 23 ± 2° C
Calibration Procedure No.	CP/M/MV/04	Condition(s)	Humidity = 30 to 75 % RH
Reference Standard / Guideline	ISO-8655-6		

Mechanical Calibration

CALIBRATION RESULTS

Sr.No.	Nominal Value in UUC (in µl)	Actual Observed Value Mean Value in Std. (in µl)	Error (in µl)	Mean Average Value at 27°C (in µl)
1	100	100.16	-0.16	100.17
2	500	499.85	0.15	499.90
3	1000	1002.54	-2.54	1002.65

UUC:- Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor $k = 2$) = ± 0.65 µl

Calibrated By : Pankaj Yadav
 Designation : Calibration Engineer



Approved By : Jai Prakash
 Designation : Tech. Manager / Auth. Sign.

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Calibration Certificate

Page 1 of 1

Certificate Number : PMM/12789/1A		UUC Received on	20.07.2021
Calibrated For	M/s. Nirvana Diagnostic Centre	Calibrated on	20.07.2021
	Medical Mor, PIG Road,	Valid Upto	19.07.2022
	Rohtak - 124001	Cert. Issue Date	23.07.2021

Description of Equipments

Nomenclature	Digital Thermo Hygrometer	Accuracy/Class	Not Mentioned
Range	0 to 50 ° C / 10 to 99 % RH	Condition of UUC	Physically Ok
Resolution / Least Count	0.1° C / 1 % RH	Serial No.	-----
Make & Model No.	HTC-01	Party ID Mark No.	-----
Material / Type	-----	Location	Lab.

Master Equipment / Standard Used

Sr. No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration
1	4 Wire RTD With Indicator	Tempsens Fluke	PMM/RTD/03 PMM/CTR/01	Tempsens, Udaipur	TL/020/902.1.1	29.10.2021

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

Calibration Performed at	Laboratory	Environmental	Temperature = 25 ± 4 ° C
Calibration Procedure No.	CP/T/01	Condition(s)	Humidity = 30 to 75 % RH
Reference Standard / Guideline	DKD-R 5-1 Conversion Table ITS-90		

Thermal Calibration

CALIBRATION RESULTS (TEMPERATURE)

S.N.	Nominal Value in UUC (in ° C)	Actual Observed Value in Std. (in ° C)	Error (in ° C)
1	15.0	15.09	-0.09
2	20.1	20.18	-0.08
3	25.1	25.27	-0.17
4	35.2	35.36	-0.16

UUC - Unit Under Calibration

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor $k = 2$) = ± 0.37 ° C

Calibrated By : Pankaj Yadav
Designation : Calibration Engineer



Approved By : Jai Prakash
Designation : Tech. Manager / Auth. Sign.

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CC - 2795

Calibration Certificate

ULR - CC279521000017917F		Page 1 of 1	
Certificate Number : PMM/12789/4		UUC Received on	20.07.2021
Calibrated For	M/s. Nirvana Diagnostic Centre Medical Mor, PIG Road, Rohtak - 124001	Calibrated on	20.07.2021
		Valid Upto	19.07.2022
		Cert. Issue Date	23.07.2021

Description of Equipments

Nomenclature	Micro Pipette	Accuracy/Class	Not Mentioned
Range	20 - 200 µl	Condition of UUC	Physically Ok
Resolution / Least Count	0.2 µl	Serial No.	LW04048
Make & Model No.	Agappe	Party ID Mark No.	-----
Material / Type	-----	Location	Lab

Master Equipment / Standard Used

Sr.No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration
1	Digital Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida	PMM/1265	17.05.2022

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

Calibration Performed at	Laboratory	Environmental	Temperature = 23 ± 2° C
Calibration Procedure No.	CP/M/MV/04	Condition(s)	Humidity = 30 to 75 % RH
Reference Standard / Guideline	ISO-8655-6		

Mechanical Calibration

CALIBRATION RESULTS

Sr.No.	Nominal Value in UUC (in µl)	Actual Observed Value Mean Value in Std. (in µl)	Error (in µl)	Mean Average Value at 27°C (in µl)
1	20	20.16	-0.16	20.16
2	100	99.88	0.12	99.89
3	200	200.67	-0.67	200.69

UUC:- Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor $k = 2$) = ± 0.65 µl

Calibrated By : Pankaj Yadav
Designation : Calibration Engineer



Approved By : Jai Prakash
Designation : Tech. Manager / Auth. Sign.

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CC - 2795

Calibration Certificate

ULR - CC279521000017915F		Page 1 of 1				
Certificate Number : PMM/12789/2		Date of Request	20.07.2021			
Calibrated For	M/s. Nirvana Diagnostic Centre Medical Mor, PIG Road, Rohtak - 124001	Calibrated on	20.07.2021			
		Valid Upto	19.07.2022			
		Cert. Issue Date	23.07.2021			
Description of Equipments						
Nomenclature	Centrifuge	Accuracy/Class	Not Mentioned			
Range	0 - 5250 rpm	Condition of UUC	Physically Ok			
Resolution / Least Count	10 rpm	Serial No.	ZBIN - 24983			
Make & Model No.	Remi	Party ID Mark No.	-----			
Material / Type	-----	Location	Lab			
Master Equipment / Standard Used						
Sr.No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration
1	Dig. Tachometer	Lutron	PMM/TM/01	PMMPL, Noida	PMM/TM/1201	07.09.2021

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

Calibration Performed at	Site	Environmental	Temperature = 23 ± 5° C
Calibration Procedure No.	CP/MMV/S/03	Condition(s)	Humidity = 30 to 75 % RH
Reference Standard / Guideline	-----		

Mechanical Calibration

CALIBRATION RESULTS				
Sr.No.	Nominal Value in UUC (in rpm)	Actual Observed Value in Std. (in rpm)	Error (in rpm)	± Uncertainty in Measurement (in rpm)
1	1000	1001	-1	51
2	1400	1405	-5	51
3	3000	3009	-9	51
4	4000	4012	-12	51
5	5000	5015	-15	51

UUC - Unit Under Calibration

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor $k = 2$)

Calibrated By : Chandrakesh Nishad
Designation : Calibration Engineer



Approved By : Jai Prakash
Designation : Tech. Manager / Auth. Sign.

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CC - 2795

Calibration Certificate

ULR - CC279521000017916F		Page 1 of 1
Certificate Number : PMM/12789/3		UUC Received on 20.07.2021
Calibrated For	M/s. Nirvana Diagnostic Centre Medical Mor, PIG Road, Rohtak - 124001	Calibrated on 20.07.2021 Valid Upto 19.07.2022 Cert. Issue Date 23.07.2021

Description of Equipments

Nomenclature	Micro Pipette	Accuracy/Class	Not Mentioned
Range	2 - 20 µl	Condition of UUC	Physically Ok
Resolution / Least Count	0.02 µl	Serial No.	LW04048
Make & Model No.	Agappe	Party ID Mark No.	-----
Material / Type	-----	Location	Lab

Master Equipment / Standard Used

Sr.No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration
1	Digital Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida	PMM/1265	17.05.2022

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

Calibration Performed at	Laboratory	Environmental	Temperature = 23 ± 2° C
Calibration Procedure No.	CP/MMV/04	Condition(s)	Humidity = 30 to 75 % RH
Reference Standard / Guideline	ISO-8655-6		

Mechanical Calibration

CALIBRATION RESULTS

Sr.No.	Nominal Value in UUC (in µl)	Actual Observed Value Mean Value in Std. (in µl)	Error (in µl)	Mean Average Value at 27°C (in µl)
1	10	10.01	-0.01	10.01
2	15	15.00	0.00	15.00
3	20	19.98	0.02	19.98

UUC:- Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor $k = 2$) = ± 0.17 µl

Calibrated By : Pankaj Yadav
Designation : Calibration Engineer



Approved By : Jai Prakash
Designation : Tech. Manager / Auth. Sign.

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CC - 2795

Calibration Certificate

ULR - CC279521000017914F		Page 1 of 1	
Certificate Number : PMM/12789/1		UUC Received on	20.07.2021
Calibrated For	M/s. Nirvana Diagnostic Centre Medical Mor, PIG Road, Rohtak - 124001	Calibrated on	20.07.2021
		Valid Upto	19.07.2022
		Cert. Issue Date	23.07.2021

Description of Equipments

Nomenclature	Digital Thermo Hygrometer	Accuracy/Class	Not Mentioned
Range	0 to 50 ° C / 10 to 99 % RH	Condition of UUC	Physically Ok
Resolution / Least Count	0.1° C / 1 % RH	Serial No.	-----
Make & Model No.	HTC-01	Party ID Mark No.	-----
Material / Type	-----	Location	Lab.

Master Equipment / Standard Used

Sr. No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration
1	Digital RH Indicator with Sensor	Yudian	15H313252 / PMM/RHI/02	ATCL, Gurgaon	ATCL/20-21/201118/1-1	19.11.2021

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

Calibration Performed at	Laboratory	Environmental	Temperature = 25 ± 4 °C
Calibration Procedure No.	CP/T/05	Condition(s)	Humidity = 30 to 75 % RH
Reference Standard / Guideline	-----		

Thermal Calibration

CALIBRATION RESULTS (HUMIDITY)

S.N.	Nominal Value in UUC (in % RH)	Actual Observed Value in Std. (in % RH)	Error (in % RH)
1	30	30.4	-0.4
2	40	40.7	-0.7
3	50	50.9	-0.9
4	70	71.3	-1.3
5	90	91.5	-1.5

UUC - Unit Under Calibration

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor $k = 2$) = ± 2.0 % RH

Calibrated By : Pankaj Yadav
Designation : Calibration Engineer



* Approved By : Jai Prakash
Designation : Tech. Manager / Auth. Sign.

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