

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		
Certifi	Certificate Number : PMM/12789/7 Date of Request							20.07.2021	
Calibra	ited For N	/s. Nirvana	Diagnostic Centre			alibrated on		20.07.2021	
	N	edical Mor, F	PIG Road,		V	alid Upto		19.07.2022	
	R	ohtak - 1240	01		С	ert. Issue Date		23.07.2021	
			Descriptio	n of Equ	uipments				
Nomen	clature	Refrige	Refrigerator Accura		Accuracy/Clas	Accuracy/Class		Not Mentioned	
		(Dig. Te	(Dig. Temp. Indicator With Sensor)		Condition of UUC		Physically Ok		
Range		- 50 to	70 ° C		Serial No.		, ,		
Resolu	tion / Least Count	0.1	° C		Party ID Mark I	Party ID Mark No.			
Make 8	Model No.			Location		Lab			
Materia	al / Type								
			Master Equipn	nent / St	andard Used				
Sr. No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Cali	brated From	Certificat	e No.	Due Date of Calibration	
1	Dig. Temp Indicator With RTD Sensor	Tempsens	PMM/RTD/02 PMM/RTDTHM/01	PMI	MPL, Noida	PMM/TH/DTI	WS/1225	05.02.2022	

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

PMM/RTDTHM/01

Calibration Performed at	Site	Environmental	Temperature = 25 ± 5° C
Calibration Procedure No.	CP/T/S/04	Condition(s)	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) = ±

Calibrated By: Chandrakesh Nishad Designation : Calibration Engineer



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.

Parashar Micro Measurement Pvt. Ltd.



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Calibration Certificate

ULR -	JLR - CC279521000017918F								Page 1 of 1
Certific	Certificate Number : PMM/12789/5 UUC Received on						20.07.2021		
Calibrat	ed For	M/s. Nirvana D	iagnostic Centre			Calibra	ated on		20.07.2021
		Medical Mor, Pl	G Road,			Valid U	Jpto		19.07.2022
		Rohtak - 124001	1		•	Cert. Is	ssue Date		23.07.2021
			Description	n of Eq	uipments				
Nomeno	clature	Micro Pi	pette		Accuracy/C	uracy/Class Not Mentio		oned	
Range		20 - 200	μl		Condition of	ndition of UUC Physically		Ok	
Resolut	ion / Least Count	1 µl			Serial No.			YN4A007574	
Make &	Model No.	Agappe			Party ID Ma	rk No.			
Materia	/ Type				Location	Lab		0	
			Master Equipm	ent / S	tandard Us	ed			
Sr.No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Calibrated Fro		om	Certificate No.		Due Date of Calibration
1	Digital Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida		da	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	Actual Observed Value	Error	Mean Average Value				
	in UUC (in µl)	Mean Value in Std. (in µl)	(in µl)	at 27°C (in µl)				
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) = ±

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

ULR - CC27952	Page 1 of 1			
Certificate Numbe		UUC Received on	20.07.2021	
Calibrated For	M/s. Nirvana Diagnostic Centre	Calibrated on	20.07.2021	
Cambrated 1 of	Medical Mor, PIG Road,	Valid Upto	19.07.2022	
	Rohtak - 124001	Cert. Issue Date	23.07.2021	

Description of Equipments							
Nomenclature Range Resolution / Least Count Make & Model No. Material / Type	Micro Pipette 100 - 1000 µl 1 µl Thermo Scientific	Accuracy/Class Condition of UUC Serial No. Party ID Mark No. Location	Not Mentioned Physically Ok QW06859Lab				

	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	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.

Standard used for calibration are trace	ceable to National Standa	ida tillougii dilbrokeri eriam	
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	Actual Observed Value	Error	Mean Average Value				
	in UUC (in µl)	Mean Value in Std. (in µl)	(in µl)	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.



# Parashar Micro Measurement Pvt. Ltd.



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								Page 1 of 1	
	cate Number : Pl					UUC Received of	n	20.07.2021	
Calibra			Diagnostic Centre			Calibrated on		20.07.2021	
Medical Mor, F			100000000000000000000000000000000000000			Valid Upto		19.07.2022	
		Rohtak - 1240	01			Cert. Issue Date		23.07.2021	
			Descripti	ion of Eq	uipments				
Nomen	clature	Digital	Thermo Hygrometer		Accuracy/CI	ass	Not Ment	tioned	
					Condition of	f UUC	Physicall	v Ok	
Range		0 to 50	° C / 10 to 99 % RH		Serial No.			•	
Resolut	tion / Least Count	0.1° C	/ 1 % RH		Party ID Mar	k No.			
Make &	Model No.	HTC-0	1	Location		on L		Lab.	
Materia	I / Type								
			Master Equip	oment / S	tandard Use	ed			
Sr. No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Calibr	ated From	Certificate	No.	Due Date of	
NO.	4 Wire RTD With	Tempsens	PMM/RTD/03		*			Calibration	
1	4 vvire RTD vvith	Fluke	PMM/CTR/01	Tempse	ns, Udaipur	TL/020/902	2.1.1	29.10.2021	
Standa			eable to National Sta	ndards th	rough unbro	ken chain of cal	ibration		
	tion Performed at		Laboratory		Environ			ture = 25 ± 4 °C	
Calibration Procedure No.			CP/T/01		Condition	Condition(s)		Humidity = 30 to 75 % RH	
			DKD-R 5-1				ĺ ,		
keieren	ice Standard / Gui	aeiine	Conversion Table 1	TS-90					
Therma	al Calibration								
			CALIBRATION RI	ESULTS	(TEMPERA	TURE)			

Actual Observed Value in Std. (in ° C)

15.09

20.18

25.27

35.36

3 25.1 4 35.2

Nominal Value in UUC (in ° C)

15.0

20.1

S.N.

2

UUC - Unit Under Calibration Std. - Standard Instrument

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

Calibrated By: Pankaj Yadav
Designation: Calibration Engineer



Approved By: Jai Prakash

Designation: Tech. Manager / Auth. Sign.

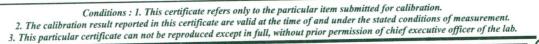
Error (in ° C)

-0.09

-0.08

-0.17

-0.16







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Calibration Certificate

ULR - CC279521000017917F				
Certificate Number	20.07.2021			
Calibrated For	M/s. Nirvana Diagnostic Centre	Calibrated on	20.07.2021	
STOCK CONTRACTOR STOCK CONTRACTOR	Medical Mor, PIG Road,	Valid Upto	19.07.2022	
	Rohtak - 124001	Cert. Issue Date	23.07.2021	

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

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

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

Ctarragia acca for campraners and march		9	
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	Actual Observed Value	Error	Mean Average Value			
	in UUC (in µl)	Mean Value in Std. (in µl)	(in µl)	at 27°C (in μl)			
1	20	20.16	-0.16	20.16			
2	100	99.88	0.12	99.89			
	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.



Parashar Micro Measurement Pvt. Ltd.



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Excellence) Calibration Certificate

ULR - CC27952	ULR - CC279521000017915F  Certificate Number : PMM/12789/2  Date of Request		
Certificate Numbe			
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	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.

Startdard dood for campitation are traced	or to reaction of arrange and time	-9	
Calibration Performed at	Site	Environmental	Temperature = 23 ± 5° C
Calibration Procedure No.	CP/M/MV/S/03	Condition(s)	Humidity = 30 to 75 % RH
Reference Standard / Guideline			9

#### Mechanical Calibration

## CALIBRATION RESULTS

Description of the second seco					
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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Calibration Certificate

ULR - CC279521000	0017916F				Page 1 of 1
Certificate Number : PN	MM/12789/3		UUC Received of	n	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	1		
Nomenclature	Micro Pipette	Accuracy/C	lass	Not Mentione	ed
Range	2 - 20 µl	Condition of	of UUC	Physically O	k
Resolution / Least Count	0.02 µl	Serial No.		LW04048	
Make & Model No. Agappe		Party ID Mark No.			
Material / Type		Location		Lab	
	Master Equipme	ont / Standard I	lead		

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	Actual Observed Value	Error	Mean Average Value			
	in UUC (in µl)	Mean Value in Std. (in µl)	(in µl)	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) =  $\pm$ 

 $0.17 \mu l$ 

Calibrated By: Pankaj Yadav Designation : Calibration Engineer



Approved By: Jai Prakash

Designation: Tech. Manager / Auth. Sign.



Parashar Micro Measurement Pvt. Ltd



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Calibration Certificate

CC - 2795

19.11.2021

ULR - CC2795	210000	17914F							Page 1 of 1
Certificate Numb	er : PMM	/12789/1				UUC	Received o	n	20.07.2021
Calibrated For	M/	s. Nirvana	Diagnostic Centre			Calibrated on		20.07.2021	
	Me	dical Mor, P	IG Road,			Valid	d Upto		19.07.2022
	Ro	htak - 12400	)1	Cert. Issue Date			23.07.2021		
			Descripti	on of Eq	uipments				
Nomenclature		Digital 7	Digital Thermo Hygrometer		Accuracy/Class		Not Mentioned		
					Condition o	f UUC		Physicall	y Ok
Range		0 to 50	0 to 50 ° C / 10 to 99 % RH		Serial No.				
Resolution / Least Count		0.1° C /	0.1° C / 1 % RH		Party ID Mark No.				
Make & Model No.		HTC-01	HTC-01		Location		Lab.		
Material / Type									
			Master Equip	ment / S	tandard Us	ed			
Sr. No. Nomeno	lature	Make & Model	Serial No. / I/D Mark	Calil	brated From	T	Certificat	e No.	Due Date of Calibration

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

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PMM/RHI/02

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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				

ATCL, Gurgaon

## Thermal Calibration

Digital RH Indicator

Sensor

#### 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
		The second secon	

UUC - Unit Under Calibration

Std. - Standard Instrument

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

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Calibrated By : Pankaj Yadav Designation : Calibration Engineer



\* Approved By : Jai Prakash

Designation: Tech. Manager / Auth. Sign.

ATCL/20-

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