



CC - 2147



ELECTRO METER CORPORATION  
P- 5, C.I.T ROAD,  
KOLKATA - 700014

Form No.: FM/22  
CALIBRATION CERTIFICATE OF:  
INCUBATOR

CALIBRATION CERTIFICATE NO.:EMC2022-KOL-00035176

ULR NO.: CC214722000024180F

Page: 1/2

1.0 ISSUED TO:

HEALTHPLUS WELLNESS AND DIAGNOSTICS  
POCKET C2, HOUSE NO. 34,  
POCKET 1, SECTOR 11,  
ROHINI, DELHI-110085

1.1 Service Request / Order No.:

-

1.2 Description identification of item to be calibrated:

i	Name:	INCUBATOR	ii	Code No.:	HPW/INC/01
iii	Sl. No.:	-	iv	Make:	NARANG SCIENTIFIC WORKS PVT. LTD.
v	Model / Type No.:	-	vi	Range:	As per calibration result
vii	Sensor:	-	viii	Resolution:	1°C (GT)
ix	Location:	-			

1.3 Applicable specification of item to be calibrated: Accuracy / permissible limit:

Not Specified

1.4 Date of receipt of item:

6-Jun-2022

1.5 Date of calibration:

6-Jun-2022

1.6 Recommended date for next calibration

6-Jun-2023

1.7 Frequency of calibration:

12 months

1.8(a) Environmental condition during calibration

Temperature:

23.6 °C

Humidity:

56.2 % RH

1.8(b) Recommended Environmental condition

Temperature:

25°C ± 10°C

Humidity:

50% RH ± 20% RH

1.9 Basis of calibration:

S.O.P Number

S.O.P/Thermal/08

Standard Followed

DKD R-5-7: 2018

Description of Method

Using Multi Point Measurement (9 channels). Using RTD, DAS by comparison method.

2.0 Traceability : Standards Used for Calibration are Traceable to National/International Standards through ISO/IEC: 17025 Accredited Laboratory.

Sl. No.	Name of the standard instrument used (Sl. No./Code Nos.)	Range	Resolution	Recommended date for next calibration	Traceable to / Certificate Nos.
1	"Data Acquisition Switch Unit, Make: Keysight, Model: 34970A, Sl. No.: MY41029352, Code No. EMC/DASU/479	As Per Calibration Result	As Per Calibration Result	31-08-2022	EMC (Kolkata) / EMC2021-KOL-00036399
2	PT-100 Sensor, Code: EMC/PT-100/645	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004978
3	PT-100 Sensor, Code: EMC/PT-100/646	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004979
4	PT-100 Sensor, Code: EMC/PT-100/647	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004980
5	PT-100 Sensor, Code: EMC/PT-100/648	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004981
6	PT-100 Sensor, Code: EMC/PT-100/649	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004982
7	PT-100 Sensor, Code: EMC/PT-100/650	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004983
8	PT-100 Sensor, Code: EMC/PT-100/651	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004984
9	PT-100 Sensor, Code: EMC/PT-100/652	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004985
10	PT-100 Sensor, Code: EMC/PT-100/653	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004986
11	Digital Temperature & Humidity Meter, Make: Metravi, Model No. HT-3005, Sl. No. 141017129, Code No. EMC/DTHM/764	18°C to 25°C (for Temperature) & 15% RH to 95% RH (for Humidity)	0.1°C (for Temperature) & 0.1% RH (for Humidity)	19-03-2023	EMC (Kolkata) / EMC2022-KOL-00016491

ISSUED BY ELECTRO METER CORPORATION



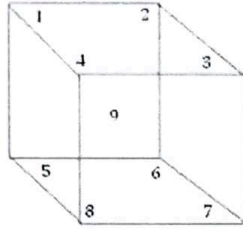
**ELECTRO METER CORPORATION**  
P- 5, C.I.T ROAD,  
KOLKATA - 700014

Form No.: FM/22  
**CALIBRATION CERTIFICATE OF:**  
INCUBATOR

CALIBRATION CERTIFICATE NO.:EMC2022-KOL-00035176

ULR NO.: CC214722000024180F

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Position of Sensor

**CALIBRATION RESULT**

Temp. Set at (°C)	Nominal Value on DUC			Corrected Value			Error (°C)	Zone	Expanded Uncertainty (±) (°C)	k factor
	Max (°C)	Min (°C)	Avg (°C)	Max (°C)	Min (°C)	Avg (°C)				
37	37	37	37.0	37.34	37.20	37.260	-0.260	1	0.60	2.00
				37.28	37.17	37.228	-0.228	2		
				37.31	37.16	37.230	-0.230	3		
				37.31	37.17	37.208	-0.208	4		
				37.23	37.15	37.208	-0.208	5		
				37.33	37.24	37.302	-0.302	6		
				37.25	37.15	37.218	-0.218	7		
				37.30	37.16	37.222	-0.222	8		
				37.32	37.15	37.230	-0.230	9		
57	57	57	57.0	57.35	57.27	57.298	-0.298	1	0.60	2.00
				57.27	57.15	57.212	-0.212	2		
				57.36	57.23	57.310	-0.310	3		
				57.42	57.17	57.312	-0.312	4		
				57.42	57.19	57.282	-0.282	5		
				57.33	57.15	57.226	-0.226	6		
				57.40	57.17	57.288	-0.288	7		
				57.44	57.23	57.332	-0.332	8		
				57.34	57.15	57.230	-0.230	9		

Note: i) Corrected Value = Std Value + Correction, ii) Error = Avg DUC Reading – Avg Corrected Reading.

iii) Average reading obtained from scan time of 5 min, iv) Average of 5 readings had been taken in DUC/Corrected Value.

v) The calibration certificate is issued by Electro Meter Corporation. This certificate refers only for the particular item submitted to calibrate.

vi) The certificate if produced for any purpose commercial or otherwise, should be reproduced in full. Partial production of the certificate or an abstract thereof has to be got specifically approved from the technical and the quality manager of this lab.

vii) The results in the calibration certificate are valid at the time of and under the stated conditions on measurement.

viii) The calibration result is only to be used for scientific & industrial purpose. This result can not be used for commercial purpose.

Stability : 0.15 °C & Non Uniformity : 0.104 °C

**Measurement uncertainty at approx 95 % of confidence level & at a coverage factor : As Per Calibration Result**

Remarks: Statement of conformity not mentioned.

DUC- Device Under Calibration

F.S.-Full Scale

Physical status of the DUC: OK

Calibrated by: Tarun Sharma

Date : 06-06-2022

Report Issue Date: 08-06-2022

Checked & Approved by: Saptarshi Das

Date: 08-06-2022

TEST ENGINEER  
ELECTRO METER CORPORATION

S. Das  
Technical Manager  
Electro Meter Corporation

END OF CERTIFICATE

ISSUED BY ELECTRO METER CORPORATION

Sl. No.	Name of the standard instrument used (Sl. No./Code Nos.)	Range	Resolution	Recommended date for next calibration	Traceable to / Certificate Nos.
1	Data Acquisition Switch Unit, Make: Keysight, Model: 34970A, Sl. No.: MY41029352, Code No. EMC/DASU/479	As Per Calibration Result	As Per Calibration Result	31-08-2022	EMC (Kolkata) / EMC2021-KOL-00036399
2	PT-100 Sensor, Code: EMC/PT-100/645	(-80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004978
3	PT-100 Sensor, Code: EMC/PT-100/646	(-80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004979
4	PT-100 Sensor, Code: EMC/PT-100/647	(-80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004980
5	PT-100 Sensor, Code: EMC/PT-100/648	(-80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004981
6	PT-100 Sensor, Code: EMC/PT-100/649	(-80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004982
7	PT-100 Sensor, Code: EMC/PT-100/650	(-80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004983
8	PT-100 Sensor, Code: EMC/PT-100/651	(-80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004984
9	PT-100 Sensor, Code: EMC/PT-100/652	(-80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004985
10	PT-100 Sensor, Code: EMC/PT-100/653	(-80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004986
11	Digital Temperature & Humidity Meter, Make: Metravi, Model No. HT-3005, Sl. No. 141017129, Code No. EMC/DTHM/764	18°C to 25°C (for Temperature) & 15% RH to 95% RH (for Humidity)	0.1°C (for Temperature) & 0.1% RH (for Humidity)	19-03-2023	EMC (Kolkata) / EMC2022-KOL-00016491



ELECTRO METER CORPORATION  
P- 5, C.I.T ROAD,  
KOLKATA - 700014

Form No.: FM/22  
CALIBRATION CERTIFICATE OF:  
REFRIGERATOR

CALIBRATION CERTIFICATE NO.: EMC2022-KOL-00035175

ULR NO.:CC214722000024179F

Page: 1/2

1.0 ISSUED TO:

HEALTHPLUS WELLNESS AND DIAGNOSTICS  
POCKET C2, HOUSE NO. 34,  
POCKET 1, SECTOR 11,  
ROHINI, DELHI-110085

1.1 Service Request / Order No.:

-

1.2 Description identification of item to be calibrated:

i	Name:	REFRIGERATOR	ii	Code No.:	HPW/REF/01
iii	Sl. No.:	--	iv	Make:	ELECTROLUX
v	Model / Type No.:	EEE/173	vi	Range:	As Per Calibration Result
vii	Sensor:	-	viii	Resolution:	0.1°C (D.T)
ix	Location:	--			

1.3 Applicable specification of item to be calibrated: Accuracy / permissible limit:

Not Specified

1.4 Date of receipt of item:

6-Jun-2022

1.5 Date of calibration:

6-Jun-2022

1.6 Recommended date for next calibration

6-Jun-2023

1.7 Frequency of calibration:

12 months

1.8(a) Environmental condition during calibration

Temperature:

25.4°C

Humidity:

51.3% RH

1.8(b) Recommended Environmental condition

Temperature:

25°C ± 10°C

Humidity:

50% RH ± 20% RH

1.9 Basis of calibration:

S.O.P Number

S.O.P/Thermal/07

Standard Followed

DKD R-5-7: 2018

Description of Method

Using Multi Point Measurement (9 channels). Using RTD, DAS by comparison method.

2.0 Traceability : Standards Used for Calibration are Traceable to National/International Standards through ISO/IEC: 17025 Accredited Laboratory.



CC - 2147



**ELECTRO METER CORPORATION**  
P- 5, C.I.T ROAD,  
KOLKATA - 700014

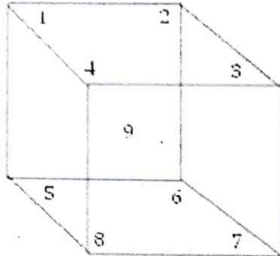
Form No.: FM/22

**CALIBRATION CERTIFICATE OF:**  
**REFRIGERATOR**

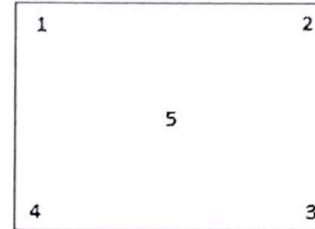
CALIBRATION CERTIFICATE NO.: EMC2022-KOL-00035175

ULR NO.:CC214722000024179F

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Normal Chamber



Deep Chamber

Position of Sensor

## CALIBRATION RESULT

Temp. Set at (°C)	Nominal Value on DUC			Corrected Value			Error	Zone	Expanded Uncertainty (±) (°C)	k factor
	Max	Min	Avg	Max (°C)	Min (°C)	Avg (°C)				
Normal Chamber	6.0	6.0	6.00	6.48	6.30	6.394	-0.394	1	0.59	2.00
				6.37	6.10	6.266	-0.266	2		
				6.38	6.11	6.298	-0.298	3		
				6.37	6.13	6.234	-0.234	4		
				6.25	6.12	6.176	-0.176	5		
				6.53	6.17	6.276	-0.276	6		
				6.41	6.08	6.286	-0.286	7		
				6.52	6.30	6.420	-0.420	8		
				6.48	6.10	6.306	-0.306	9		
Deep Chamber	-16.0	-16.0	-16.00	-16.41	-16.49	-16.452	0.452	1	0.60	2.00
				-16.38	-16.55	-16.452	0.452	2		
				-16.37	-16.54	-16.444	0.444	3		
				-16.34	-16.52	-16.434	0.434	4		
				-16.42	-16.49	-16.454	0.454	5		

Note: i) Corrected Value = Std Value + Correction, ii) Error = Avg DUC Reading - Avg Corrected Reading.

iii) Average reading obtained from scan time of 5 min, iv) Average of 5 readings had been taken in DUC/Corrected Value.

v) The calibration certificate is issued by Electro Meter Corporation. This certificate refers only for the particular item submitted to calibrate.

vi) The certificate if produced for any purpose commercial or otherwise, should be reproduced in full. Partial production of the certificate or an abstract thereof has to be got specifically approved from the technical and the quality manager of this lab.

vii) The results in the calibration certificate are valid at the time of and under the stated conditions on measurement.

viii) The calibration result is only to be used for scientific & industrial purpose. This result can not be used for commercial purpose.

Stability : 0.38°C (for Normal Chamber), 0.18°C (for Deep Chamber) & Non Uniformity : 0.244°C (for Normal Chamber), 0.020°C (for Deep Chamber).

**Measurement uncertainty at approx 95 % of confidence level & at a coverage factor : As Per Calibration Result**

Remarks: Statement of conformity not mentioned.

DUC- Device Under Calibration

F.S.-Full Scale

Physical status of the DUC: OK

Calibrated by: Tarun Sharma

Date : 06-06-2022

Report Issue Date : 08-06-2022

Checked &amp; Approved by: Saptarshi Das



Date : 08-06-2022

TEST ENGINEER  
ELECTRO METER CORPORATION

S. Das  
Technical Manager  
Electro Meter Corporation

END OF CERTIFICATE

ISSUED BY ELECTRO METER CORPORATION

 CC - 2147		<b>ELECTRO METER CORPORATION</b> P- 5, C.I.T ROAD, KOLKATA - 700014	Form No.: FM/22  <b>CALIBRATION CERTIFICATE OF:</b>  <b>HOT AIR OVEN</b>		
CALIBRATION CERTIFICATE NO.: EMC2022-KOL-00035174		ULR NO.: CC214722000024178F	Page: 1/2		
1.0 ISSUED TO:	HEALTHPLUS WELLNESS AND DIAGNOSTICS POCKET C2, HOUSE NO. 34, POCKET 1, SECTOR 11, ROHINI, DELHI-110085				
1.1 Service Request / Order No.:					
1.2 Description identification of item to be calibrated:					
i	Name:	HOT AIR OVEN	ii		
iii	Sl. No.:	--	iv		
v	Model / Type No.:	--	vi		
vii	Sensor:	--	viii		
ix	Location:	--	Resolution:		
			1°C		
1.3 Applicable specification of item to be calibrated: Accuracy / permissible limit:	Not Specified				
1.4 Date of receipt of item:	6-Jun-2022	1.5 Date of calibration:	6-Jun-2022		
1.6 Recommended date for next calibration	6-Jun-2023	1.7 Frequency of calibration:	12 months		
1.8(a) Environmental condition during calibration	Temperature:	23.8°C			
	Humidity:	54.2% RH			
1.8 (b) Recommended Environmental condition	Temperature:	25°C ± 10°C			
	Humidity:	50% RH ± 20% RH			
1.9 Basis of calibration:	S.O.P Number	S.O.P/Thermal/04			
	Standard Followed	DKD R-5-7: 2018 ,IS:1448 (P:8)-1967			
	Description of Method	Using Multi Point Measurement (9 channels). Using RTD / K type / R type / R type with Cold Junction / B type Thermocouple, DAS by comparison method. Single point measurement for Furnace.			
2.0 Traceability : Standards Used for Calibration are Traceable to National/International Standards through ISO/IEC: 17025 Accredited Laboratory.					
Sl. No.	Name of the standard instrument used (Sl. No./Code Nos.)	Range	Resolution	Recommended date for next calibration	Traceable to / Certificate Nos.
1	"Data Acquisition Switch Unit, Make: Keysight, Model: 34970A, Sl. No.: MY41029352, Code No. EMC/DASU/479	As Per Calibration Result	As Per Calibration Result	31-08-2022	EMC (Kolkata) / EMC2021-KOL-00036399
2	PT-100 Sensor, Code: EMC/PT-100/645	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004978
3	PT-100 Sensor, Code: EMC/PT-100/646	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004979
4	PT-100 Sensor, Code: EMC/PT-100/647	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004980
5	PT-100 Sensor, Code: EMC/PT-100/648	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004981
6	PT-100 Sensor, Code: EMC/PT-100/649	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004982
7	PT-100 Sensor, Code: EMC/PT-100/650	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004983
8	PT-100 Sensor, Code: EMC/PT-100/651	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004984
9	PT-100 Sensor, Code: EMC/PT-100/652	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004985
10	PT-100 Sensor, Code: EMC/PT-100/653	(-)80°C to 250°C	-	01-02-2023	EMC (Kolkata) / EMC2022-KOL-00004986
11	Digital Temperature & Humidity Meter, Make: Metravi, Model No. HT-3005, Sl. No. 141017129, Code No. EMC/DTHM/764	18°C to 25°C (for Temperature) & 15% RH to 95% RH (for Humidity)	0.1°C (for Temperature) & 0.1% RH (for Humidity)	19-03-2023	EMC (Kolkata) / EMC2022-KOL-00016491



CC - 2147



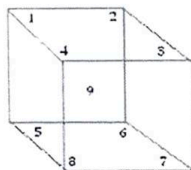
**ELECTRO METER CORPORATION**  
P- 5, C.I.T ROAD,  
KOLKATA - 700014

Form No.: FM/22  
**CALIBRATION CERTIFICATE OF:**  
**HOT AIR OVEN**

CALIBRATION CERTIFICATE NO.:EMC2022-KOL-00035174

ULR NO.: CC214722000024178F

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POSITION OF SENSOR

## CALIBRATION RESULT

Temp. Set at (°C)	Nominal Value on DUC			Corrected Value			Error (°C)	Zone	Expanded Uncertainty (±) (°C)	k factor
	Max (°C)	Min (°C)	Avg (°C)	Max (°C)	Min (°C)	Avg (°C)				
100	100	100	100.0	100.35	100.10	100.226	-0.226	1	0.62	2.00
				100.36	100.08	100.198	-0.198	2		
				100.27	100.08	100.206	-0.206	3		
				100.32	100.07	100.146	-0.146	4		
				100.35	100.07	100.240	-0.240	5		
				100.35	100.11	100.240	-0.240	6		
				100.34	100.09	100.216	-0.216	7		
				100.31	100.07	100.176	-0.176	8		
				100.35	100.14	100.228	-0.228	9		
135	135	135	135.0	135.40	135.15	135.260	-0.260	1	0.60	2.00
				135.55	135.17	135.316	-0.316	2		
				135.57	135.37	135.472	-0.472	3		
				135.41	135.24	135.344	-0.344	4		
				135.53	135.23	135.400	-0.400	5		
				135.56	135.14	135.424	-0.424	6		
				135.53	135.15	135.346	-0.346	7		
				135.55	135.17	135.356	-0.356	8		
				135.57	135.19	135.456	-0.456	9		
150	150	150	150.0	150.59	150.14	150.338	-0.338	1	0.60	2.00
				150.63	150.14	150.370	-0.370	2		
				150.63	150.12	150.422	-0.422	3		
				150.67	150.27	150.446	-0.446	4		
				150.59	150.25	150.370	-0.370	5		
				150.60	150.19	150.384	-0.384	6		
				150.57	150.33	150.422	-0.422	7		
				150.63	150.16	150.304	-0.304	8		
				150.59	150.12	150.292	-0.292	9		

Note: i) Corrected Value = Std Value + Correction, ii) Error = Avg DUC Reading - Avg Corrected Reading.

iii) Average reading obtained from scan time of 5 min, iv) Average of 5 readings had been taken in DUC/Corrected Value.

v) The calibration certificate is issued by Electro Meter Corporation. This certificate refers only for the particular item submitted to calibrate.

vi) The certificate if produced for any purpose commercial or otherwise, should be reproduced in full. Partial production of the certificate or an abstract thereof has to be got specifically approved from the technical and the quality manager of this lab.

vii) The results in the calibration certificate are valid at the time of and under the stated conditions on measurement.

viii) The calibration result is only to be used for scientific &amp; industrial purpose. This result can not be used for commercial purpose.

Stability : 0.28°C &amp; Non Uniformity : 0.132°C

Measurement uncertainty at approx 95 % of confidence level &amp; at a coverage factor : As Per Calibration Result

Remarks: Statement of conformity not mentioned.

DUC- Device Under Calibration

FS- Full Scale

Physical status of the DUC: OK

Calibrated by: Tarun Sharma

Date : 06-06-2022

Report Issue Date : 08-06-2022





Checked &amp; Approved by: Saptarshi Das





Date : 08-06-2022

TEST ENGINEER  
ELECTRO METER CORPORATION

S. Das  
Technical Manager  
  
Electro Meter Corporation

END OF CERTIFICATE

 CC - 2147		<b>ELECTRO METER CORPORATION</b> P- 5, C.I.T ROAD, KOLKATA - 700014	Form No.: FM/22  <b>CALIBRATION CERTIFICATE OF:                  CENTRIFUGE</b>		
CALIBRATION CERTIFICATE NO.: EMC2022-KOL-00035173		ULR NO.:CC214722000024177F			
1.0 ISSUED TO:		HEALTHPLUS WELLNESS AND DIAGNOSTICS POCKET C2, HOUSE NO. 34, POCKET 1, SECTOR 11, ROHINI, DELHI-110085			
1.1 Service Request / Order No.:		-			
1.2 Description identification of item to be calibrated:					
i	Name:	CENTRIFUGE	ii Code No.: HPW/CE/01		
iii	Sl. No.:	--	iv Make: --		
v	Model / Type No.:	--	vi Range: Cal at 4005.8 rpm (As Per Std. Value)		
vii	Sensor:	--	viii Resolution: -		
ix	Location:	--			
1.3 Applicable specification of item to be calibrated: Accuracy / permissible limit: Not Specified					
1.4 Date of receipt of item:		6-Jun-2022			
1.5 Date of calibration:		6-Jun-2022			
1.6 Recommended date for next calibration:		6-Jun-2023			
1.7 Frequency of calibration:		12 months			
1.8(a) Environmental condition during calibration		Temperature: 23.6°C Humidity: 53.2% RH			
1.8(b) Recommended Environmental condition		Temperature: 25°C ± 10°C Humidity: 50% RH ± 20% RH			
1.9 Basis of calibration:		S.O.P Number: S.O.P/ET/29 Standard Followed: - Description of Method: Using Digital Tachometer by Comparison method.			
2.0 Traceability : Standards Used for Calibration are Traceable to National/International Standards through ISO/IEC: 17025 Accredited Laboratory.					
Sl. No.	Name of the standard instrument used (Sl. No./Code Nos.)	Range	Resolution	Recommended date for next calibration	Traceable to / Certificate Nos.
1	Digital Tachometer, Make: Metravi, Model No. NCTM 2000, Sl. No. 171103423, Code No. EMC/DT/829	1 rpm to 99999 rpm	0.1 rpm upto 9999.9 rpm & 1 rpm above 9999.9 rpm	13-03-2023	Northlab / 4220322-M01
2	Digital Temperature & Humidity Meter, Make: Metravi, Model No. HT-3005, Sl. No. 141017141, Code No. EMC/DTHM/765	22°C to 28°C (for Temperature) & 15% RH to 95% RH (for Humidity)	0.1°C (for Temperature) & 0.1% RH (for Humidity)	29-03-2023	EMC (Kolkata) / EMC2022-KOL-00018813
<b>CALIBRATION RESULT</b>					
Parameter / Range	Nominal Value on DUC	Standard Value (rpm)	Error	Expanded Uncertainty (±) (rpm)	k factor
<b>Rotation</b> Cal upto 4005.8 rpm (As Per Std. Value)	1	1002.4	-	1.51	2.00
	2	2003.6	-	3.02	2.00
	3	3004.6	-	4.51	2.00
	4	3505.4	-	5.25	2.00
	5	4005.8	-	6.02	2.00
Note: i) Average of 5 readings had been taken in DUC/STD.					
ii) The calibration certificate is issued by Electro Meter Corporation. This certificate refers only for the particular item submitted to calibrate.					
iii) The certificate if produced for any purpose commercial or otherwise, should be reproduced in full. Partial production of the certificate or an abstract thereof has to be got specifically approved from the technical and the quality manager of this lab.					
iv) The results in the calibration certificate are valid at the time of and under the stated conditions on measurement.					
v) The calibration result is only to be used for scientific & industrial purpose. This result can not be used for commercial purpose.					
<b>Measurement uncertainty at approx 95 % of confidence level &amp; at a coverage factor : As Per Calibration Result</b>					
Remarks: Statement of conformity not mentioned.					
DUC- Device Under Calibration		F.S.-Full Scale		Physical status of the DUC: OK	
Calibrated by: Tarun Sharma Date : 06-06-2022 Report Issue Date : 08-06-2022			Checked & Approved by: Saptarshi Das Date : 08-06-2022		
 TEST ENGINEER ELECTRO METER CORPORATION			 S. Das Technical Manager Electro Meter Corporation		
<b>END OF CERTIFICATE</b>					

				<b>ELECTRO METER CORPORATION</b> P- 5, C.I.T ROAD, KOLKATA - 700014		Form No.: FM/22 <b>CALIBRATION CERTIFICATE OF:</b> <b>CENTRIFUGE</b>																															
CALIBRATION CERTIFICATE NO.: EMC2022-KOL-00035172		ULR NO.:CC214722000024176F		Page: 1/1																																	
1.0 ISSUED TO:		HEALTHPLUS WELLNESS AND DIAGNOSTICS POCKET C2, HOUSE NO. 34, POCKET 1, SECTOR 11, ROHINI, DELHI-110085																																			
1.1 Service Request / Order No.:		-																																			
1.2 Description identification of item to be calibrated:		<table border="1"> <tr> <td>i</td> <td>Name</td> <td>CENTRIFUGE</td> <td>ii</td> <td>Code No.:</td> <td>HPW/CE/02</td> </tr> <tr> <td>iii</td> <td>Sl. No.</td> <td>--</td> <td>iv</td> <td>Make:</td> <td>--</td> </tr> <tr> <td>v</td> <td>Model / Type No.</td> <td>--</td> <td>vi</td> <td>Range:</td> <td>Cal at 4006.4 rpm (As Per Std. Value)</td> </tr> <tr> <td>vii</td> <td>Sensor</td> <td>--</td> <td>viii</td> <td>Resolution:</td> <td>--</td> </tr> <tr> <td>ix</td> <td>Location</td> <td>--</td> <td colspan="3"></td> </tr> </table>						i	Name	CENTRIFUGE	ii	Code No.:	HPW/CE/02	iii	Sl. No.	--	iv	Make:	--	v	Model / Type No.	--	vi	Range:	Cal at 4006.4 rpm (As Per Std. Value)	vii	Sensor	--	viii	Resolution:	--	ix	Location	--			
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## CALIBRATION REPORT

<b>Report No :</b>	440285	<b>Report Date :</b>	15-Dec-2021
<b>Prod Cat. No :</b>	VA-500	<b>PipetteSerial No.:</b>	QL620932
<b>Volume Range :</b>	10-100 $\mu$ l	<b>Bal Sensitivity :</b>	0.01 mg
<b>Temperature :</b>	25.00 $^{\circ}$ C	<b>Rel Humidity :</b>	60.00 %
<b>Air Pressure :</b>	1013 hPA	<b>Z Factor :</b>	1.0040 $\mu$ l/mg

### TEST DETAILS

Test Volume	Number of Measurements	Mean Weight	Mean Volume
10.00 $\mu$ l	10	10.0410 mg	10.0812 $\mu$ l
50.00 $\mu$ l	10	50.0210 mg	50.2211 $\mu$ l
100.00 $\mu$ l	10	99.7580 mg	100.1570 $\mu$ l

### SUMMARY STATISTICS

Test Volume	SD	Inaccuracy E%			Imprecision CV%		
		Actual	Target	Status	Actual	Target	Status
10.00 $\mu$ l	0.0425	0.8116	$\pm$ 3.00	PASS	0.4211	$\pm$ 1.50	PASS
50.00 $\mu$ l	0.0561	0.4422	$\pm$ 1.00	PASS	0.1117	$\pm$ 0.50	PASS
100.00 $\mu$ l	0.1324	0.1570	$\pm$ 0.80	PASS	0.1322	$\pm$ 0.15	PASS

<b>STATUS :</b>	<b>PASSED</b>
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Calibration Method according to ..... EN ISO 8655-6  
Performed by ..... Incharge - Q.C.