

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No. : YEA(C)/ 240902A/P1230/001

Dated : 07.09.2024

ULR No. : CC222124000059538F

Calibrated for : Prolite Paints & Chemicals

Plot A/2, Behala Industrial Estate,
620, Diamond Harbour Road,
Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
06.09.2024	06.09.2025	1	2

Description of Instrument

Name	: Ford Cup
Identification	: Sl. No. : 2338
Size	: B4
Make	: Komal Test
Service Request No. / Order Reference	: 240902A/P1230/001-004
Receipt of Instrument	: 02.09.2024
Location where calibration performed	: At permanent laboratory
Applicable Specification of Instrument to be Calibrated	: Not Specified
Condition of Instrument to be Calibrated	: Satisfactory
Basis of Calibration	: Comparison method with reference to YEA/WIM-82
Environmental Condition during Calibration	: Temp. : 23±4°C RH : (50±10)% RH
Equipment used for Calibration	: Standard Viscosity Oil (S60)
Traceability	: To National Standard vide Certificate No: YEA(C)/240610/Y001/001 valid till 09.06.2025
Measurement Uncertainty	: The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.
Laboratory Identification	: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated &
The results are given in the page 2 to ... 2 ... of the Certificate

Cont.....2

YEA(C)F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No. : YEA(C)/ 240902A/P1230/001
ULR No. : CC222124000059538F

Calibrated By : M. Gayan

Dated : 07.09.2024
Page 2 of 2 PagesCalibration ResultsMechanical Calibration**Calibration Results of Ford Cup**

Parameter / Size	Average Flow Time (s) at 25°C	Calculated Viscosity (cSt) at 25 °C	Standard Viscosity (cSt) at 25 °C	Measurement Uncertainty (±%)
Viscosity / B4	38.23	129.91	121.13	0.96

REMARKS : The above Ford Cup has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By


A. Das
Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No. YEA(C)/240902A/P1230/002
ULR No. : CC222124000059539F

Dated : 07.09.2024

Calibrated for : Prolite Paints & Chemicals
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
06.09.2024	06.09.2025	1	2

Description of Instrument

Name : Weight per Litre Cup
Identification : Sl. No. : 7
Capacity : 100 ml
Make : N/F

Service Request No. / Order Reference : 240902A/P1230/001-004**Receipt of Instrument** : 02.09.2024**Location where calibration performed** : At permanent laboratory**Applicable Specification of Instrument to be Calibrated** : Not Specified**Condition of Instrument to be Calibrated** : Satisfactory**Basis of Calibration** : Comparison method with reference to YEA/WI/M-47**Environmental Condition during Calibration** : *Temp.* : (23±4)°C *RH* : (50±10)%**Equipment used for Calibration** : Standard Weight Box, Standard Electronic Balance & Distilled Water**Traceability** : To National Standard vide Certificate No: SCPL/CC/2005/11/2022-2023 valid till 23.11.2025 YEA(C)/23J218/Y001/001 valid till 17.12.2024**Measurement Uncertainty** : The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.**Laboratory Identification** : Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.

The results are given in the page 2 to 2 ...of the Certificate.

Cont.2

YEA(C)/F-08



CC-2221



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No. : YEA(C)/ 240902A/P1230/002

Date: 07.09.2024

ULR No. : CC222124000059539F

Page 2 of 2 Pages

Calibrated By : M. Gayan

Calibration Results**Mechanical Calibration****A) Calibration Result of Weight per Litre Cup :**

Sl. No.	Observed DUC Value	Standard Value at 27°C	Measurement Uncertainty at 27°C
	(ml)	(ml)	(\pm μ l)
1	100	100.096	11.21

DUC : Device Under Calibration

REMARKS : The above Weight per Litre Cup has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration***** End of the Calibration Certificate *****

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No. YEA(C)/ 240902A/P1230/003

Dated : 07.09.2024

ULR No. : CC222124000059540F

Calibrated for : Prolite Paints & Chemicals

Plot A/2, Behala Industrial Estate,
620, Diamond Harbour Road,
Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
06.09.2024	06.09.2025	1	2

Description of Instrument

Name : Hegman Gauge
Identification : PPC/HG-01
Range : 0 - 100 micron
Least Count : 10 micron
Make : N / F

Service Request No. / Order Reference : 240902A/P1230/001-004**Receipt of Instrument** : 02.09.2024**Location where calibration performed** : At permanent laboratory**Applicable Specification of Instrument to be Calibrated** : Not Specified**Condition of Instrument to be Calibrated** : Satisfactory**Basis of Calibration** : Comparison method with reference to YEA/WI/M-21.**Environmental Condition during Calibration** : **Temp.** : $20\pm2^\circ\text{C}$ **RH** : $50\pm10\%$ **Equipment used for Calibration** : Standard Electronic Comparator.**Traceability** : To National Standard vide Certificate No: YEA(C)/240419/Y001/001 valid till 18.04.2025**Measurement Uncertainty** : The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.**Laboratory Identification** : Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated and the results are given in the page 2 to 2 ...of the certificate.



CC-2221



Cont.....2



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No. : YEA(C)/ 240902A/P1230/003

Date: 07.09.2024

ULR No. : CC222124000059540F

Page 2 of 2 Pages

Calibrated By : P. Samanta

Calibration ResultsMechanical Calibration

Calibration Result of Hegman Gauge :

Sl. No.	DUC Value	Observed Value	Measurement Uncertainty
	(mm)	(mm)	(\pm micron)
1	0.01	0.0102	2.3
2	0.02	0.0203	
3	0.03	0.0307	
4	0.04	0.0413	
5	0.05	0.0516	
6	0.06	0.0620	
7	0.07	0.0729	
8	0.08	0.0830	
9	0.09	0.0937	
10	0.10	0.1041	

DUC : Device Under Calibration

REMARKS : The above Hegman Gauge has been calibrated over its range and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Tel : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No. YEA(C)/ 240902A/P1230/004

Dated : 07.09.2024

ULR No. : CC222124000059541F

Calibrated for : **Prolite Paints & Chemicals**
Plot A/2, Behala Industrial Estate,
620, Diamond Harbour Road,
Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
06.09.2024	06.09.2025	1	2

Description of Instrument

Name : Wet Film Thickness Gauge
Identification : PPC/WFTG-01
Range : 25 - 3000 micron
Make : AM Amittari
Model : AC-3000

Service Request No. / Order Reference : 240902A/P1230/001-004**Receipt of Instrument** : 02.09.2024**Location where calibration performed** : At permanent laboratory**Applicable Specification of Instrument to be Calibrated** : Not Specified**Condition of Instrument to be Calibrated** : Satisfactory**Basis of Calibration** : Comparison method with reference to YEA/WI/M-71**Environmental Condition during Calibration** : **Temp. :** 20±2°C **RH :** 50±10%**Equipment used for Calibration** : Standard Profile Projector**Traceability** : To National Standard vide Certificate No: YEA(C)/221021/Y001/001 valid till 20.10.2024**Measurement Uncertainty** : The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.**Laboratory Identification** : Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated and the results are given in the page 2 to 2 ...of the certificate.

Cont.....2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No. : YEA(C)/ 240902A/P1230/004

Date: 07.09.2024

ULR No. : CC222124000059541F

Page 2 of 2 Pages

Calibrated By : P. Samanta

Calibration Results**Mechanical Calibration****Calibration Result of Wet Film Thickness Gauge :**

Sl. No.	Nominal Value of DUC	Standard Value	Deviation	Measurement Uncertainty
	(micron)	(micron)	(micron)	(\pm micron)
1	25	25	0	
2	50	50	0	
3	75	76	1	
4	100	101	1	
5	125	125	0	
6	150	150	0	
7	175	176	1	
8	200	201	1	
9	225	226	1	
10	250	251	1	
11	275	276	1	
12	300	302	2	
13	350	352	2	
14	400	398	-2	
15	450	449	-1	
16	500	498	-2	10
17	550	551	1	
18	600	603	3	
19	650	652	2	
20	700	700	0	
21	750	752	2	
22	800	804	4	
23	850	854	4	
24	900	902	2	
25	1000	1002	2	
26	1100	1103	3	
27	1200	1198	-2	
28	1400	1397	-3	
29	1600	1598	-2	
30	1800	1797	-3	
31	2000	1996	-4	

DUC : Device Under Calibration

REMARKS : The above Wet Film Thickness Gauge has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Phone : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240831SA/P1230/001

Dated : 07.09.2024

ULR No.: CC222124000059542F

Calibrated for : Prolite Paints & Chemicals

Plot A/2, Behala Industrial Estate,
620, Diamond Harbour Road,
Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
31.08.2024	31.08.2025	1	2

Description of Instrument

Name	: Digital Temperature Controller of Hot Air Oven
Identification	: PPC/HAO-01
Range	: 30 to 300 °C
Least Count	: 0.1 °C
Make	: Cautoni-Swastik
Model / Type	: AK 6

Service Request No. / Order Reference

: 240831SA/P1230/001-002

Receipt of Instrument

: 31.08.2024



CC-2221

Location where calibration performed

: At site

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/T-09

Environmental Condition during Calibration

: Temp. : 28±2°C RH : 60±10%

Equipment used for Calibration

: Standard Data Acquisition Unit & Standard RTD Sensor

Traceability: To National Standard vide Certificate No.
YEA(C)/ 231220/Y001/001 valid till 19.12.2024
YEA(C)/ 240111/Y001/002 valid till 10.01.2025**Measurement Uncertainty**: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
95% for normal distribution.**Laboratory Identification**

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.

The results are given in the page 2 to 2 ...of the certificate.

Cont.....2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C) 240831SA/P1230/001

Date: 07.09.2024

ULR No.: CC222124000059542F

Page 2 of 2 Pages

Calibrated By : A. Manna

Calibration Results**Thermal Calibration****Calibration Results of Digital Temperature Controller of Hot Air Oven**

Sl. No.	Average DUC Value	Average Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	50.1	50.452	0.29
2	105.2	105.716	
3	110.1	110.697	
4	150.0	150.782	
5	200.3	201.249	

Temperature Scale : ITS - 90

DUC : Device Under Calibration

REMARKS : The above Digital Temperature Controller of Hot Air Oven has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
 Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Tel : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240831SA/P1230/002

Dated : 07.09.2024

ULR No.: CC222124000059543F

Calibrated for : Prolite Paints & Chemicals

Plot A/2, Behala Industrial Estate,
620, Diamond Harbour Road,
Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
31.08.2024	31.08.2025	1	3

Description of Instrument

Name : Single Pan Balance
Identification : PPC/SPB-01
Maximum Capacity : 200 g
Least Count : 0.0001 g
Make : Dhona
Model : 200 D

**Service Request No. / Order Reference** : 240831SA/P1230/001-002**Receipt of Instrument** : 31.08.2024**Location where calibration performed** : At Site**Applicable Specification of Instrument to be Calibrated** : Not Specified

CC-2221

Condition of Instrument to be Calibrated : Satisfactory**Basis of Calibration** : Comparison method with reference to YEA/WI/M-46**Environmental Condition during Calibration** : *Temp.* : (25±2)°C *RH* : (60±10)%**Equipment used for Calibration** : Standard Weight Box**Traceability** : To National Standard vide Certificate No: SCPL/CC/2005/11/2022-2023 valid till 23.11.2025**Measurement Uncertainty** : The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.**Laboratory Identification** : Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.

The results are given in the page 2 to 3 ...of the Certificate.


 Cont.....2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/240831SA/P1230/002

ULR No.: CC222124000059543F

Calibrated By : A. Dutta

Dated : 07.09.2024

Page 2 of 3 Pages

Calibration Results**Mechanical Calibration****A) Linearity of Balance :**

Sl. No.	Standard Weights Used	Observed Reading on DUC	Overall Measurement Uncertainty of Balance (± g)
	(g)	(g)	
1	0.000000	0.0000	
2	0.0999998	0.1000	
3	0.1999996	0.2000	
4	0.4999998	0.5000	
5	1.0000055	1.0000	
6	5.000005	4.9999	
7	19.999999	19.9997	
8	50.000010	49.9988	
9	99.999980	99.9967	
10	200.000050	199.9951	0.0051

B) Repeatability of Balance : (At Half Load)

Sl. No.	Standard Weights Used	Observed Reading on DUC	Standard Deviation
	(g)	(g)	(g)
1	99.999980	99.9967	0.0001
		99.9968	
		99.9967	
		99.9967	
		99.9968	
		99.9967	
		99.9968	
		99.9967	
		99.9968	
		99.9967	

C) Repeatability of Balance : (At Maximum Load)

Sl. No.	Standard Weights Used	Observed Reading on DUC	Standard Deviation
	(g)	(g)	(g)
1	200.000050	199.9951	0.0001
		199.9952	
		199.9951	
		199.9951	
		199.9952	
		199.9951	
		199.9952	
		199.9951	
		199.9952	
		199.9951	



Cont.....3

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C) 240831SA/P1230/002

ULR No.: CC222124000059543F

Calibrated By : A. Dutta

Dated : 07.09.2024

Page 3 of 3 Pages

D) Eccentricity of Balance :

Sl. No.	Parameter	Observed Value (g)
1	Maximum difference between centre & other four points	0.0001

DUC : Device Under Calibration

REMARKS : The above Single Pan Balance has been calibrated and the readings are tabulated above.**NOTES** : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced other than in full except with prior written approval from the head of calibration laboratory.

Authorised By


A. Das
Manager Calibration**** End of the Calibration Certificate ****

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration CertificateCertificate No.: YEA(C)/ 240401A/P1230/001
ULR No.: CC222124000024583F

Dated : 08.04.2024

Calibrated for : Prolite Paints & Chemicals
Plot A/2, Behala Industrial Estate,
620, Diamond Harbour Road,
Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
04.04.2024	04.04.2025	1	2

Description of Instrument

Name : Glass Thermometer
Identification : Sl. No. : P 1024931
Range : (-10 to 110 °C)
Least Count : 1 °C
Make : JRM
Type : Mercury



CC-2221

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/T-01

Environmental Condition during Calibration

: Temp. : 25±4°C RH : 30 to 75%

Equipment used for Calibration

: Standard Data Acquisition Unit & Standard RTD Sensor

Traceability

: To National Standard vide Certificate No:
 YEA(C)/ 231220/Y001/001 valid till 19.12.2024
 YEA(C)/ 240111/Y001/001 valid till 10.01.2025

Measurement Uncertainty

: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
 95% for normal distribution.

Laboratory Identification

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.

The results are given in the page 2 to 2 ...of the certificate.

Cont...



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401A/P1230/001
ULR No.: CC22124000024583F
Calibrated By : K. Rout

Date: 08.04.2024
Page 2 of 2 Pages

Calibration Results

Thermal Calibration

Calibration Results of Glass Thermometer :

Sl. No.	Average DUC Value	Average Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	-9	-8.914	0.66
2	0	0.128	
3	51	51.203	
4	100	100.271	
5	109	109.165	

Temperature Scale : ITS - 90

DUC : Device Under Calibration

REMARKS : The above Glass Thermometer has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/002

Dated : 08.04.2024

ULR No.: CC222124000024584F

Calibrated for : Prolite Paints & Chemicals
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
04.04.2024	04.04.2025	1	2

Description of Instrument

Name : Glass Thermometer
Identification : Sl. No. : 22103
Range : (-35 to 70 °C)
Least Count : 0.5 °C
Make : GEM
Model : IP 74C
Type : Mercury



CC-2221

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/T-01

Environmental Condition during Calibration

: Temp. : 25±4°C RH : 30 to 75%

Equipment used for Calibration

: Standard Data Acquisition Unit & Standard RTD Sensor

Traceability

: To National Standard vide Certificate No:
 YEA(C)/ 231220/Y001/001 valid till 19.12.2024
 YEA(C)/ 240111/Y001/002 valid till 10.01.2025

Measurement Uncertainty

: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
 95% for normal distribution.

Laboratory Identification

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.
 The results are given in the page 2 to 2 ...of the certificate.

Cont.....2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Karmardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401A/P1230/002
 ULR No.: CC22124000024584F
 Calibrated By : K. Rout

Date: 08.04.2024
 Page 2 of 2 Pages

Calibration Results

Thermal Calibration

Calibration Results of Glass Thermometer :

Sl. No.	Average DUC Value	Average Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	-35.0	-35.112	0.41
2	-9.5	-9.673	
3	0.5	0.275	
4	30.0	29.819	
5	69.5	69.223	

Temperature Scale : ITS - 90

DUC : Device Under Calibration

REMARKS : The above Glass Thermometer has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
 Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/003

Dated : 08.04.2024

ULR No.: CC222124000024585F

Calibrated for : Prolite Paints & Chemicals
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
04.04.2024	04.04.2025	1	2

Description of Instrument

Name : Glass Thermometer
Identification : Sl. No. : P 1024900
Range : (-)10 to 110 °C
Least Count : 1 °C
Make : JRM
Type : Mercury

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024



CC-2221

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/T-01

Environmental Condition during Calibration: **Temp.** : 25±4°C **RH** : 30 to 75%**Equipment used for Calibration**

: Standard Data Acquisition Unit & Standard RTD Sensor

Traceability

: To National Standard vide Certificate No:
 YEA(C)/ 231220/Y001/001 valid till 19.12.2024
 YEA(C)/ 240111/Y001/002 valid till 10.01.2025

Measurement Uncertainty

: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
 95% for normal distribution.

Laboratory Identification

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.

The results are given in the page 2 to 2 ... of the certificate.

Cont... 2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401A/P1230/003
ULR No.: CC222124000024585F
Calibrated By : K. Rout

Date: 08.04.2024
Page 2 of 2 Pages

Calibration Results

Thermal Calibration

Calibration Results of Glass Thermometer :

Sl. No.	Average DUC Value	Average Standard Value	Measurement Uncertainty
	(°C)	(°C)	(\pm °C)
1	-10	-9.891	0.66
2	1	1.123	
3	49	49.198	
4	100	100.175	
5	110	110.293	

Temperature Scale : ITS - 90

DUC : Device Under Calibration

REMARKS : The above Glass Thermometer has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By


A. Das
Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/004

Dated : 08.04.2024

ULR No.: CC222124000024586F

Calibrated for : Prolite Paints & Chemicals
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
04.04.2024	04.04.2025	1	2

Description of Instrument

Name : Glass Thermometer
Identification : Sl. No. : P 5022582
Range : (-10 to 250 °C)
Least Count : 1 °C
Make : JRM
Type : Mercury

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory



CC-2221

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/T-01

Environmental Condition during Calibration

: Temp. : 25±4°C RH : 30 to 75%

Equipment used for Calibration

: Standard Data Acquisition Unit & Standard RTD Sensor

Traceability

: To National Standard vide Certificate No:
 YEA(C)/ 231220/Y001/001 valid till 19.12.2024
 YEA(C)/ 240111/Y001/001 valid till 10.01.2025

Measurement Uncertainty

: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
 95% for normal distribution.

Laboratory Identification

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.

The results are given in the page 2 to 2 ... of the certificate.

Cont. A.2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401A/P1230/004

Date: 08.04.2024

ULR No.: CC222124000024586F

Page 2 of 2 Pages

Calibrated By : K. Rout

Calibration Results**Thermal Calibration****Calibration Results of Glass Thermometer :**

Sl. No.	Average DUC Value	Average Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	-9	-9.837	0.66
2	0	-0.761	
3	99	97.983	
4	201	199.596	
5	250	248.231	

Temperature Scale : ITS - 90

DUC : Device Under Calibration

REMARKS : The above Glass Thermometer has been calibrated and the readings are tabulated above.**NOTES :** This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration***** End of the Calibration Certificate *****

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/005

Dated : 08.04.2024

ULR No.: CC222124000024587F

Calibrated for : Prolite Paints & Chemicals
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
04.04.2024	04.04.2025	1	2

Description of Instrument

Name : Glass Thermometer
Identification : Sl. No. : P 9023794
Range : (-)10 to 150 °C
Least Count : 1 °C
Make : JRM
Type : Mercury

Service Request No. / Order Reference : 240401A/P1230/001-016**Receipt of Instrument** : 01.04.2024**Location where calibration performed** : At permanent laboratory**Applicable Specification of Instrument to be Calibrated** : Not Specified**Condition of Instrument to be Calibrated** : Satisfactory**Basis of Calibration** : Comparison method with reference to YEA/WI/T-01**Environmental Condition during Calibration** : **Temp.** : 25±4°C **RH** : 30 to 75%**Equipment used for Calibration** : Standard Data Acquisition Unit & Standard RTD Sensor**Traceability** : To National Standard vide Certificate No:
 YEA(C)/ 231220/Y001/001 valid till 19.12.2024
 YEA(C)/ 240111/Y001/001 valid till 10.01.2025**Measurement Uncertainty** : The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of 95% for normal distribution.**Laboratory Identification** : Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.
 The results are given in the page 2 to 2 ...of the certificate.

Cont.....2

YEA(C)/F-08



CC-2221



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401A/P1230/005
 ULR No.: CC222124000024587F
 Calibrated By : K. Rout

Date: 08.04.2024
 Page 2 of 2 Pages

Calibration Results

Thermal Calibration

Calibration Results of Glass Thermometer :

Sl. No.	Average DUC Value	Average Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	-10	-10.283	0.66
2	0	-0.458	
3	51	50.372	
4	100	99.261	
5	149	148.189	

Temperature Scale : ITS - 90

DUC : Device Under Calibration

REMARKS : The above Glass Thermometer has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

: 033 2677 1411/1412, 2667 1909

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/006

Dated : 08.04.2024

ULR No.: CC222124000024588F

Calibrated for : Prolite Paints & Chemicals
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
04.04.2024	04.04.2025	1	2

Description of Instrument

Name : Glass Thermometer
Identification : Sl. No. : 22106
Range : (-30 to 80 °C)
Least Count : 0.5 °C
Make : GEM
Model : IP 75C
Type : Mercury



CC-2221

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/T-01

Environmental Condition during Calibration

: Temp. : 25±4°C RH : 30 to 75%

Equipment used for Calibration

: Standard Data Acquisition Unit & Standard RTD Sensor

Traceability

: To National Standard vide Certificate No:
 YEA(C)/ 231220/Y001/001 valid till 19.12.2024
 YEA(C)/ 240111/Y001/002 valid till 10.01.2025

Measurement Uncertainty

: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
 95% for normal distribution.

Laboratory Identification

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.
 The results are given in the page 2 to 2 ...of the certificate.

Cont.....2



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401A/P1230/006

Date: 08.04.2024

ULR No.: CC222124000024588F

Page 2 of 2 Pages

Calibrated By : K. Rout

Calibration Results**Thermal Calibration****Calibration Results of Glass Thermometer :**

Sl. No.	Average DUC Value	Average Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	-29.5	-29.837	0.41
2	-10.0	-10.261	
3	0.0	-0.173	
4	30.5	30.289	
5	79.5	79.214	

Temperature Scale : ITS - 90

DUC : Device Under Calibration

REMARKS : The above Glass Thermometer has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Tel : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/007

Dated : 08.04.2024

ULR No.: CC222124000024589F

Calibrated for : Prolite Paints & Chemicals
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
04.04.2024	04.04.2025	1	2

Description of Instrument

Name	: Digital Thermohygrometer
Identification	: Sl. No. : 210900383
Range	: (-50 to 70 °C & 20 to 90 %RH
Least Count	: 0.1 °C & 1 %RH
Make	: Metravi
Model / Type	: HTC - 1
Service Request No. / Order Reference	: 240401A/P1230/001-016
Receipt of Instrument	: 01.04.2024
Location where calibration performed	: At permanent laboratory
Applicable Specification of Instrument to be Calibrated	: Not Specified
Condition of Instrument to be Calibrated	: Satisfactory
Basis of Calibration	: Comparison method with reference to YEA/WI/T-02 & 06
Environmental Condition during Calibration	: Temp. : 25±4°C RH : 30 to 75%
Equipment used for Calibration	: Standard Temperature Calibrator, Standard RTD Sensor & Standard Digital RH Indicator with Sensor
Traceability	: To National Standard vide Certificate No: YEA(C)/230509/Y001/001 valid till 08.05.2024 YEA(C)/ 230804/Y001/002 valid till 03.08.2024 2024/65082/01 valid till 14.02.2025

Measurement Uncertainty

: The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.

Laboratory Identification

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated .

The results are given in the page 2 to 2 ...of the certificate.

Cont.....2



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Phone : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401A/P1230/007

ULR No.: CC222124000024589F

Calibrated By : K. Rout

Date: 08.04.2024

Page 2 of 2 Pages

Calibration Results**Thermal Calibration****A) Calibration Results of Digital Thermohygrometer (Temp) :**

Sl. No.	Average DUC Value	Average Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	16.1	15.83	1.25
2	24.9	24.69	
3	30.6	30.21	
4	45.2	44.74	

B) Calibration Results of Digital Thermohygrometer (RH at 25°C) :

Sl. No.	Average DUC Value	Average Standard Value	Measurement Uncertainty
	(% RH)	(% RH)	(± % RH)
1	22	23.29	2.56
2	49	50.93	
3	75	77.17	
4	87	89.81	

Temperature Scale : ITS - 90

DUC : Device Under Calibration

REMARKS : The above Digital Thermohygrometer has been calibrated and the readings are tabulated above.**NOTES** : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Tel : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/008

Dated : 08.04.2024

ULR No.: CC222124000024590F

Calibrated for : Prolite Paints & Chemicals
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
04.04.2024	04.04.2025	1	2

Description of Instrument

Name : Digital Stop Watch
Identification : PPC / DSW - 01
Least Count : 0.01 s
Make : Racer
Model : 603

Service Request No. / Order Reference : 240401A/P1230/001-016**Receipt of Instrument** : 01.04.2024**Location where calibration performed** : At permanent laboratory**Applicable Specification of Instrument to be Calibrated** : Not Specified**Condition of Instrument to be Calibrated** : Satisfactory**Basis of Calibration** : Comparison method with reference to YEA/WI/E(M)-06**Environmental Condition during Calibration** : Temp. : $25\pm2^{\circ}\text{C}$ RH : $50\pm15\%$ **Equipment used for Calibration** : Standard Digital Time Calibrator**Traceability** : To National Standard vide Certificate No: C23112627 / E / 1 valid till 06.12.2024**Measurement Uncertainty** : The figures are stated in the result at coverage factor $k=2$ corresponding to confidence probability of 95% for normal distribution.**Laboratory Identification** : Sticker is affixed for authentication of calibration.

CC-2221

The above Instrument/Equipment/Machine has been calibrated and
 The results are given in the page 2 to 2 ...of the certificate.

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Tel : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401A/P1230/008

ULR No.: CC222124000024590F

Calibrated By : M. Dey

Date: 08.04.2024

Page 2 of 2 Pages

Calibration Results**Electro - Technical Calibration****Calibration Results of Digital Stop Watch**

Sl. No.	Standard Value	Observed DUC Value	Measurement Uncertainty
			(±) s
1	10.000 s	9.95 s	0.150
2	30.000 s	29.93 s	0.152
3	1 min 0.000 s	59.89 s	0.155
4	15 min 0.000 s	14 min 59.81 s	0.543
5	30 min 0.000 s	29 min 59.73 s	1.054

DUC : Device Under Calibration

REMARKS : The above Digital Stop Watch has been calibrated and the readings are tabulated above.**NOTES :** This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration***** End of the Calibration Certificate *****

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Phone : 033 2677 1411/1412, 2667 1909

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/009

Dated : 08.04.2024

ULR No.: CC222124000024591F

Calibrated for : **Prolite Paints & Chemicals**
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
04.04.2024	04.04.2025	1	2

Description of Instrument

Name : Measuring Cylinder
Identification : PPC / MC - 01
Capacity : 50 ml
Least Count : 1 ml
Make : Borosil

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/M-47

Environmental Condition during Calibration

: Temp. : (23±4)°C RH : (50±10)%

Equipment used for Calibration

: Standard Weight Box, Standard Electronic Balance & Distilled Water

Traceability

: To National Standard vide Certificate No:
 SCPL/CC/2005/11/2022-2023 valid till 23.11.2025
 YEA(C)/231216/Y001/001 valid till 15.12.2024

Measurement Uncertainty

: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
 95% for normal distribution.

Laboratory Identification

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.

The results are given in the page 2 to 2 ...of the certificate.

Cont.....2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Phone : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/240401A/P1230/009

Date: 08.04.2024

ULR No.: CC222124000024591F

Page 2 of 2 Pages

Calibrated By : S. Das

Calibration Results**Mechanical Calibration****A) Calibration Result of Measuring Cylinder :**

Sl. No.	Observed DUC Value	Standard Value at 27°C	Measurement Uncertainty at 27°C
	(ml)	(ml)	($\pm \mu\text{l}$)
1	12	12.154447	0.053
2	25	25.253990	
3	50	50.335025	

DUC : Device Under Calibration

REMARKS : The above Measuring Cylinder has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration***** End of the Calibration Certificate *****

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Tel : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/010

Dated : 08.04.2024

ULR No.: CC222124000024592F

Calibrated for : Prolite Paints & Chemicals

Plot A/2, Behala Industrial Estate,
620, Diamond Harbour Road,
Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
05.04.2024	05.04.2025	1	2

Description of Instrument

Name : Measuring Cylinder
Identification : PPC / MC - 02
Capacity : 100 ml
Least Count : 1 ml
Make : Borosil

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated : Not Specified**Condition of Instrument to be Calibrated**

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WIM-47

Environmental Condition during Calibration: **Temp.** : (23±4)°C **RH** : (50±10)%**Equipment used for Calibration**

: Standard Weight Box, Standard Electronic Balance & Distilled Water

Traceability: To National Standard vide Certificate No:
SCPL/CC/2005/11/2022-2023 valid till 23.11.2025
YEA(C)/231218/Y001/001 valid till 17.12.2024**Measurement Uncertainty**: The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.**Laboratory Identification**

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.

The results are given in the page 2 to 2 ...of the certificate.

Cont.....2

YEA(C)/F-08



CC-2221



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/240401A/P1230/010

Date: 08.04.2024

ULR No.: CC222124000024592F

Page 2 of 2 Pages

Calibrated By : S. Das

Calibration Results**Mechanical Calibration****A) Calibration Result of Measuring Cylinder :**

Sl. No.	Observed DUC Value	Standard Value at 27°C	Measurement Uncertainty at 27°C
	(ml)	(ml)	($\pm \mu\text{l}$)
1	25	25.224	10.45
2	50	50.316	
3	100	100.533	

DUC : Device Under Calibration

REMARKS : The above Measuring Cylinder has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das

Manager Calibration

***** End of the Calibration Certificate *****

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/011

Dated : 08.04.2024

ULR No.: CC222124000024593F

Calibrated for : **Prolite Paints & Chemicals**Plot A/2, Behala Industrial Estate,
620, Diamond Harbour Road,
Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
05.04.2024	05.04.2025	1	2

Description of Instrument

Name : Density Bottle
Identification : PPC / DB - 01
Capacity : 50 ml
Make : Borosil

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated : Not Specified

CC-2221

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/M-47

Environmental Condition during Calibration: **Temp.** : (23±4)°C **RH** : (50±10)%**Equipment used for Calibration**

: Standard Weight Box, Standard Electronic Balance & Distilled Water

Traceability: To National Standard vide Certificate No:
SCPL/CC/2005/11/2022-2023 valid till 23.11.2025
YEA(C)/231216/Y001/001 valid till 15.12.2024**Measurement Uncertainty**: The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.**Laboratory Identification**

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.

The results are given in the page 2 to 2 ...of the certificate.

Cont.....2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/240401A/P1230/011

Date: 08.04.2024

Page 2 of 2 Pages

ULR No.: CC222124000024593F

Calibrated By : S. Das

Calibration Results**Mechanical Calibration****A) Calibration Result of Density Bottle :**

Sl. No.	Observed DUC Value	Standard Value at 27°C	Measurement Uncertainty at 27°C
	(ml)	(ml)	(\pm μ l)
1	50	49.980678	0.058

DUC : Device Under Calibration

REMARKS : The above Density Bottle has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration****** End of the Calibration Certificate ******

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

: 033 2677 1411/1412, 2667 1909

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/012

Dated : 08.04.2024

ULR No.: CC222124000024594F

Calibrated for : Prolite Paints & Chemicals

Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
05.04.2024	05.04.2025	1	2

Description of Instrument

Name : Weight per Litre Cup
Identification : PPC / WLC - 01
Capacity : 100 ml
Make : N / F

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated : Not Specified

CC-2221

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/M-47

Environmental Condition during Calibration: **Temp.** : (23±4)°C **RH** : (50±10)%**Equipment used for Calibration**

: Standard Weight Box, Standard Electronic Balance & Distilled Water

Traceability: To National Standard vide Certificate No:
 SCPL/CC/2005/11/2022-2023 valid till 23.11.2025
 YEA(C)/231218/Y001/001 valid till 17.12.2024**Measurement Uncertainty**: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
 95% for normal distribution.**Laboratory Identification**

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.

The results are given in the page 2 to 2 ...of the certificate.


 Cont.....2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admin. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/240401A/P1230/012

Date: 08.04.2024

Page 2 of 2 Pages

ULR No.: CC222124000024594F

Calibrated By : S. Das

Calibration Results**Mechanical Calibration****A) Calibration Result of Weight per Litre Cup :**

Sl. No.	Observed DUC Value	Standard Value at 27°C	Measurement Uncertainty at 27°C
	(ml)	(ml)	(\pm μ l)
1	100	99.119	10.61

DUC : Device Under Calibration

REMARKS : The above Weight per Litre Cup has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/013

Dated : 08.04.2024

ULR No.: CC222124000024595F

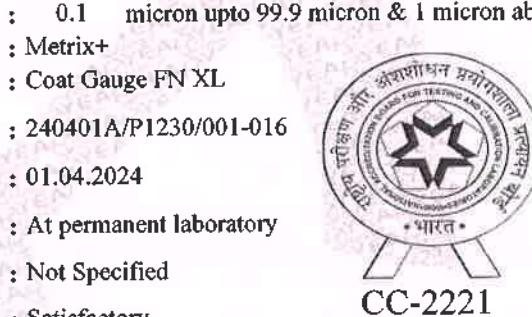
Calibrated for : Prolite Paints & Chemicals

Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
05.04.2024	05.04.2025	1	2

Description of Instrument

Name	: Digital Coating Thickness Gauge
Identification	: Sl. No. : HL23M11NO027088
Range	: 0 - 1500 micron
Least Count	: 0.1 micron upto 99.9 micron & 1 micron above 99.9 micron
Make	: Metrix+
Model / Type	: Coat Gauge FN XL

Service Request No. / Order Reference

CC-2221

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/M-16

Environmental Condition during Calibration

: Temp. : 20±2°C RH : 50±10%

Equipment used for Calibration

: Standard Master Foils Set

Traceability: To National Standard vide Certificate No:
YEA(C)/230831/Y001/001 valid till 30.08.2024**Measurement Uncertainty**: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
95% for normal distribution.**Laboratory Identification**

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated .
 the results are given in the page 2 to 2 ...of the certificate.

Cont.....2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401A/P1230/013

Date: 08.04.2024

ULR No.: CC22212400024595F

Page 2 of 2 Pages

Calibrated By : P. Samanta

Calibration ResultsMechanical Calibration

Calibration Results of Digital Coating Thickness Gauge(Fe) :

Sl. No.	Standard Value	Observed DUC Value	Measurement Uncertainty
	(micron)	(micron)	(\pm micron)
1	12.3	12.2	2.5
2	25.1	25.0	
3	50.5	50.3	
4	121.8	122	
5	246.7	248	
6	538.9	541	
7	985.8	989	
8	1232.5	1237	
9	1443.4	1449	

Calibration Results of Digital Coating Thickness Gauge(NFe) :

Sl. No.	Standard Value	Observed DUC Value	Measurement Uncertainty
	(micron)	(micron)	(\pm micron)
1	12.3	12.3	2.5
2	25.1	25.2	
3	50.5	50.8	
4	121.8	123	
5	246.7	248	
6	538.9	540	
7	985.8	987	
8	1232.5	1235	
9	1443.4	1447	

DUC : Device Under Calibration

REMARKS : The above Digital Coating Thickness Gauge has been calibrated over its range and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/014

Dated : 08.04.2024

ULR No.: CC222124000024596F

Calibrated for : Prolite Paints & Chemicals
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
05.04.2024	05.04.2025	1	2

Description of Instrument

Name : Ford Cup
Identification : Sl. No. : 297
Size : B4
Make : N/F



CC-2221

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/M-82

Environmental Condition during Calibration: **Temp.** : (23±4)°C **RH** : (50±10)%**Equipment used for Calibration**

: Standard Viscosity Oil (S60)

Traceability

: To National Standard vide Certificate No: 22401 valid till 29.06.2024

Measurement Uncertainty: The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.**Laboratory Identification**

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated &
 The results are given in the page 2 to ... 2 ... of the certificate



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401A/P1230/014

Dated : 08.04.2024

ULR No.: CC22124000024596F

Page 2 of 2 Pages

Calibrated By : M. Gayan

Calibration Results**Mechanical Calibration****Calibration Results of Ford Cup**

Parameter / Size	Average Flow Time (s) at 25°C	Calculated Viscosity (cSt) at 25 °C	Standard Viscosity (cSt) at 25 °C	Measurement Uncertainty (±%)
Viscosity / B4	38.20	129.80	121.50	0.92

REMARKS : The above Ford Cup has been calibrated and the readings are tabulated above.**NOTES :** This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration****** End of the Calibration Certificate ******

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Tel : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/015

Dated : 08.04.2024

Calibrated for : Prolite Paints & Chemicals

Plot A/2, Behala Industrial Estate,
620, Diamond Harbour Road,
Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
05.04.2024	05.04.2025	1	2

Description of Instrument

Name : Flexibility & Adhesion Tester(1/4 inch)
Identification : PPC / FAT - 01
Make : Petrolab Lab Instruments

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated : Not Specified**Condition of Instrument to be Calibrated** : Satisfactory**Basis of Calibration** : Comparison Method with cross reference to IS 101 - 1964**Environmental Condition during Calibration** : *Temp.* : 20±2°C *RH* : 50±10%**Equipment used for Calibration** : Standard Slip Gauge Set, Slip Gauge Accessories, & Other Auxiliary Attachment.**Traceability** : To National Standard vide Certificate No: P/01/220122 dated 12.12.2022**Measurement Uncertainty** : The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.**Laboratory Identification** : Sticker is affixed for authentication of calibration.The above Instrument/Equipment/Machine has been calibrated and
The results are given in the page 2 to ... 2 ... of the certificate.

Cont.....2



YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/240401A/P1230/015
Calibrated By : A. Adhikary

Dated : 08.04.2024
Page 2 of 2 Pages

Calibration Results

Calibration Results of Flexibility & Adhesion Tester(1/4 inch) :

Sl. No.	Parameter	Specified Value (mm)	Actual Observed Value (mm)	Measurement Uncertainty (\pm micron)
1	Mandrel Diameter	6.35	6.372	15
2	Face Mandrel Plate of Hinge	0.55 ± 0.05	0.554	

REMARKS : The above Flexibility & Adhesion Tester(1/4 inch) has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Tel : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/016

Dated : 08.04.2024

Calibrated for : Prolite Paints & Chemicals

Plot A/2, Behala Industrial Estate,
620, Diamond Harbour Road,
Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
05.04.2024	05.04.2025	1	2

Description of Instrument

Name : Cross Cut Adhesion Tester
Identification : PPC / CCAT - 01
Make : N / F

Service Request No. / Order Reference

: 240401A/P1230/001-016

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to ISO 2409 : 2007 (2013)

Environmental Condition during Calibration: *Temp.* : $20 \pm 2^\circ\text{C}$ *RH* : $50 \pm 10\%$ **Equipment used for Calibration**

: Standard Profile Projector

Traceability: To National Standard vide Certificate No:
YEA(C)/221021/Y001/001 valid till 20.10.2024**Measurement Uncertainty**: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
95% for normal distribution.**Laboratory Identification**

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated .

The results are given in the page 2 to ... 2 ...of the certificate.

Cont.....2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401A/P1230/016

Calibrated By : A. Adhikary

Dated : 08.04.2024

Page 2 of 2 Pages

Calibration Results**Calibration Results of Cross Cut Adhesion Tester :**

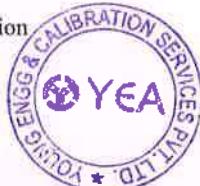
Sl. No.	Parameter	Observed Average Standard Value	Measurement Uncertainty
1	No. of Cutting Edges	7 Nos.
2	Space between Cutting Edges	1st Gap : 2.013 mm	(±) 3 micron
		2nd Gap : 2.016 mm	
		3rd Gap : 2.019 mm	
		4th Gap : 2.014 mm	
		5th Gap : 2.003 mm	
		6th Gap : 2.014 mm	
3	Angle of Cutting Edges	90° 06' 11"	(±) 90 sec of arc
		90° 02' 03"	
		90° 01' 15"	
		90° 02' 18"	
		90° 04' 05"	
		90° 01' 58"	
		90° 01' 07"	
		12.054 mm	
4	Width across Six Cutting Edge	0.076 mm	(±) 3 micron
		0.081 mm	
		0.070 mm	
		0.079 mm	
		0.074 mm	
		0.077 mm	
		0.082 mm	
5	Thickness of Cutting Edge		(±) 3 micron

DUC : Device Under Calibration**REMARKS** : The above Cross Cut Adhesion Tester has been calibrated and the readings are tabulated above.**NOTES** : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das

Manager Calibration

***** End of the Calibration Certificate *****

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401SA/P1230/001

Dated : 08.04.2024

ULR No.: CC222124000024582F

Calibrated for : Prolite Paints & Chemicals
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
01.04.2024	01.04.2025	1	3

Description of Instrument

Name	: Digital Balance
Identification	: PPC / DB - 01
Maximum Capacity	: 2 kg
Least Count	: 0.01 g
Make	: N / F
Model	: DM - 3

Service Request No. / Order Reference : 240401SA/P1230/001-004

Receipt of Instrument : 01.04.2024

Location where calibration performed : At Site



CC-2221

Applicable Specification of Instrument to be Calibrated : Not Specified

Condition of Instrument to be Calibrated : Satisfactory

Basis of Calibration : Comparison method with reference to YEA/WI/M-46

Environmental Condition during Calibration : Temp. : (36±2)°C RH : (50±10)%

Equipment used for Calibration : Standard Weight Box

Traceability : To National Standard vide Certificate No:
SCPL/CC/2005/11/2022-2023 valid till 23.11.2025
21100844/D1.01/C-165 valid till 20.01.2025Measurement Uncertainty : The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
95% for normal distribution.

Laboratory Identification : Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated.

The results are given in the page 2 to 3 ...of the certificate.

Cont.....2



YEA(C)VF-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Tel : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/240401SA/P1230/001

ULR No.: CC222124000024582F

Calibrated By : T. Midya

Dated : 08.04.2024

Page 2 of 3 Pages

Calibration Results**Mechanical Calibration****A) Linearity of Balance :**

Sl. No.	Standard Weights Used	Observed Reading on DUC	Overall Measurement Uncertainty of Balance (± g)
	(g)	(g)	
1	0.000000	0.00	
2	0.200000	0.20	
3	5.000005	5.01	
4	50.000010	50.00	
5	99.999980	100.00	
6	200.000060	200.00	
7	500.000120	499.99	
8	1000.000130	999.98	
9	1500.000250	1499.95	
10	2000.000000	1999.91	0.11

B) Repeatability of Balance : (At Half Load)

Sl. No.	Standard Weights Used	Observed Reading on DUC	Standard Deviation
	(g)	(g)	(g)
1	1000.000130	999.98	0.01
		999.97	
		999.97	
		999.98	
		999.98	
		999.97	
		999.97	
		999.97	
		999.98	
		999.97	

C) Repeatability of Balance : (At Maximum Load)

Sl. No.	Standard Weights Used	Observed Reading on DUC	Standard Deviation
	(g)	(g)	(g)
1	2000.000000	1999.91	0.01
		1999.92	
		1999.91	
		1999.92	
		1999.92	
		1999.91	
		1999.91	
		1999.91	
		1999.92	
		1999.91	



Cont.....3



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Tel : 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/240401SA/P1230/001

ULR No.: CC222124000024582F

Calibrated By : T. Midya

Dated : 08.04.2024

Page 3 of 3 Pages

D) Eccentricity of Balance :

S.I. No.	Parameter	Observed Value (g)
1	Maximum difference between centre & other four points	0.00

DUC : Device Under Calibration

REMARKS : The above Digital Balance has been calibrated over its range and the readings are tabulated above.**NOTES** : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das

Manager Calibration

**** End of the Calibration Certificate ****

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

: 033 2677 1411/1412, 2667 1909

Calibration Certificate

Certificate No.: YEA(C)/ 240401SA/P1230/002

Dated : 08.04.2024

Calibrated for : Prolite Paints & Chemicals
 Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
01.04.2024	01.04.2025	1	2

Description of Instrument

Name : Scratch Hardness Tester
Identification : PPC / SHT - 01
Make : Petrolab Instruments

Service Request No. / Order Reference

: 240401SA/P1230/001-004

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At Site

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison Method with cross reference to IS 101 - 1964

Environmental Condition during Calibration: **Temp.** : 28±2°C **RH** : 50±15%**Equipment used for Calibration**

: Standard Profile Projector & Standard Weights

Traceability

: To National Standard vide Certificate No: YEA(C)/221021/Y001/001 valid till 20.10.2024 21100844/D1.01/C-165 valid till 20.01.2025

Measurement Uncertainty: The figures are stated in the result at coverage factor $k = 2$ corresponding to confidence probability of 95% for normal distribution.**Laboratory Identification**

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated .

The results are given in the page 2 to ... 2 ... of the certificate.

Cont.....2



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA 240401SA/P1230/002

Calibrated By : A. Adhikary

Dated : 08.04.2024

Page 2 of 2 Pages

Calibration Results**CALIBRATION RESULTS OF SCRATCH HARDNESS TESTER:**

SL. No.	Parameter	Specified Value	Observed Standard Value	Measurement Uncertainty
1	Diameter of Pin	1 mm	1.004 mm	± 5 micron
2	Mass of Dead Weight	500 g	500.173 g	± 0.004 g
3	Mass of Dead Weight	1 kg	1000.412 g	± 0.005 g

REMARKS : The above Scratch Hardness Tester has been calibrated over its range and the readings are tabulated above.**NOTES :** This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration***** End of the Calibration Certificate *****

**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104
 E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

: 033 2677 1411/1412, 2667 1909

Calibration Certificate

Certificate No.: YEA(C) 240401SA/P1230/003

Dated : 08.04.2024

Calibrated for : Prolite Paints & Chemicals

Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
01.04.2024	01.04.2025	1	4

Description of Instrument

Name : Checker Board Six Square Type
Identification : PPC / CB - 01
Size : 300 mm X 300 mm
Make : Petrolab Instruments

Service Request No. / Order Reference

: 240401SA/P1230/001-004

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At Site

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/M-58

Environmental Condition during Calibration: **Temperature** : 28 ± 2 °C **RH** : 50 ± 15 %**Equipment used for Calibration**

: Standard Digimatic Caliper

Traceability: To National Standard vide Certificate No:
 YEA(C)/230911/Y001/001 valid till 10.09.2024**Measurement Uncertainty**: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
 95% for normal distribution.**Laboratory Identification**

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated and

The results are given in the page 2 to 4 ...of the certificate

Cont.....2

YEA(C)/F-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401SA/P1230/003

Calibrated By : A. Adhikary

Dated : 08.04.2024

Page 2 of 4 Pages

Calibration Results

Calibration Results of Checker Board Six Square Type :

A1	A2	A3	A4	A5	A6
B1	B2	B3	B4	B5	B6
C1	C2	C3	C4	C5	C6
D1	D2	D3	D4	D5	D6
E1	E2	E3	E4	E5	E6
F1	F2	F3	F4	F5	F6

Sl. No.	Specified Value			Observed Standard Value (mm)	Measurement Uncertainty
1	A1	Length	50 mm	50.01	± 15 micron
		Width		50.03	
2	A2	Length	50 mm	50.02	± 15 micron
		Width		50.04	
3	A3	Length	50 mm	50.00	± 15 micron
		Width		50.01	
4	A4	Length	50 mm	49.99	± 15 micron
		Width		49.97	
5	A5	Length	50 mm	50.02	± 15 micron
		Width		50.05	
6	A6	Length	50 mm	50.03	± 15 micron
		Width		50.01	
7	B1	Length	50 mm	50.02	± 15 micron
		Width		50.01	

Cont. A...3



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401SA/P1230/003

Calibrated By : A. Adhikary

Dated : 08.04.2024

Page 3 of 4 Pages

Sl. No.		Specified Value		Observed Standard Value (mm)	Measurement Uncertainty
8	B2	Length	50 mm	50.03	± 15 micron
		Width		50.00	
9	B3	Length	50 mm	50.04	± 15 micron
		Width		50.07	
10	B4	Length	50 mm	50.02	± 15 micron
		Width		50.06	
11	B5	Length	50 mm	50.04	± 15 micron
		Width		50.01	
12	B6	Length	50 mm	49.97	± 15 micron
		Width		49.98	
13	C1	Length	50 mm	50.02	± 15 micron
		Width		50.03	
14	C2	Length	50 mm	50.03	± 15 micron
		Width		50.05	
15	C3	Length	50 mm	50.02	± 15 micron
		Width		49.99	
16	C4	Length	50 mm	49.98	± 15 micron
		Width		49.99	
17	C5	Length	50 mm	50.02	± 15 micron
		Width		50.06	
18	C6	Length	50 mm	49.99	± 15 micron
		Width		49.95	
19	D1	Length	50 mm	50.01	± 15 micron
		Width		50.04	
20	D2	Length	50 mm	49.98	± 15 micron
		Width		49.96	
21	D3	Length	50 mm	50.03	± 15 micron
		Width		50.05	
22	D4	Length	50 mm	50.01	± 15 micron
		Width		50.04	
23	D5	Length	50 mm	49.98	± 15 micron
		Width		49.99	
24	D6	Length	50 mm	50.02	± 15 micron
		Width		50.04	
25	E1	Length	50 mm	50.02	± 15 micron
		Width		50.05	
26	E2	Length	50 mm	49.97	± 15 micron
		Width		49.99	

Cont...4



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: 033 2677 1411/1412, 2667 1909

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C)/ 240401SA/P1230/003

Calibrated By : A. Adhikary

Dated : 08.04.2024

Page 4 of 4 Pages

Sl. No.		Specified Value		Observed Standard Value (mm)	Measurement Uncertainty
27	E3	Length	50 mm	50.03	± 15 micron
		Width		50.02	
28	E4	Length	50 mm	49.98	± 15 micron
		Width		49.96	
29	E5	Length	50 mm	50.03	± 15 micron
		Width		50.01	
30	E6	Length	50 mm	49.99	± 15 micron
		Width		49.98	
31	F1	Length	50 mm	50.03	± 15 micron
		Width		50.06	
32	F2	Length	50 mm	50.02	± 15 micron
		Width		50.02	
33	F3	Length	50 mm	49.96	± 15 micron
		Width		49.97	
34	F4	Length	50 mm	49.98	± 15 micron
		Width		49.99	
35	F5	Length	50 mm	50.03	± 15 micron
		Width		50.00	
36	F6	Length	50 mm	50.04	± 15 micron
		Width		50.05	

DUC : Device Under Calibration

REMARKS The above Checker Board Six Square Type has been calibrated over its range and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By



A. Das

Manager Calibration

*** End of the Calibration Certificate ***



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

Phone : +91 91633 34715

Flat No. : 1/2, Birenu Rasbehari Mansion, 144 Ambagan, Sakchi, Jamshedpur, Jharkhand - 831 001, India.
 E-mail : tata@yeagroup.org ★ Visit us at : www.yeagroup.org
 CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 240401SA/P1230/004

Dated : 08.04.2024

Calibrated for : Prolite Paints & Chemicals

Plot A/2, Behala Industrial Estate,
 620, Diamond Harbour Road,
 Behala Chowrasta, Kolkata - 700034.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
01.04.2024	01.04.2025	1	2

Description of Instrument

Name : Hot Plate
Identification : PPC / HP - 01
Make : Petrolab Instruments

Service Request No. / Order Reference

: 240401SA/P1230/001-004

Receipt of Instrument

: 01.04.2024

Location where calibration performed

: At Site

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/T-09

Environmental Condition during Calibration: *Temp.* : 36±2°C *RH* : 50±10%**Equipment used for Calibration**

: Standard Data Acquisition Unit & Standard RTD Sensor

Traceability

: To National Standard vide Certificate No.
 YEA(C)/ 231220/Y001/001 valid till 19.12.2024
 YEA(C)/ 230804/Y001/001 valid till 03.08.2024

Measurement Uncertainty

: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
 95% for normal distribution.

Laboratory Identification

: Sticker is affixed for authentication of calibration.

The above Instrument/Equipment/Machine has been calibrated &
 the results are given in the page 2 to 2 ...of the certificate.

Cont.....2

YEA(C)T-08



**YEA****YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

: +91 91633 34715

Flat No. : 1/2, Birenu Rasbehari Mansion, 144 Ambagan, Sakchi, Jamshedpur, Jharkhand - 831 001, India.

E-mail : tata@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Certificate No.: YEA(C) 240401SA/P1230/004

Calibrated By : T. Midya

Date: 08.04.2024

Page 2 of 2 Pages

Calibration Results**Calibration Results of Hot Plate :**

Sl. No.	Knob Set Point at	Observed Standard Value	Measurement Uncertainty
	(%)	(°C)	(± °C)
1	100	315.232	0.57

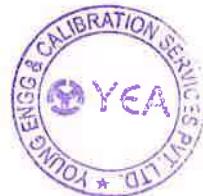
Temperature Scale : ITS - 90

DUC : Device Under Calibration

REMARKS : The above Hot Plate has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration***** End of the Calibration Certificate *****



Schedule - VIII

[see rule 15(3)]

Government of West Bengal
 Office of the Controller Legal Metrology,
 Certificate of verification

Name of Legal Metrology Officer : SAMIM JAMADAR

Verification Certificate Number: WB/19/0074/2024/000214

No: WB156

I hereby certify that I have this day verified and stamped the under mentioned weights, measurers, etc.

Belonging to : PROLITE PAINTS & CHEMICALS Locality : 620 D.H ROAD , Parnashree, Kolkata South, na, 700060

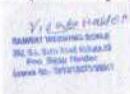
Trade Details : Factories

Latitude : 22.4877853, Longitude : 88.3132098

Quantity	Denomination		Weighing instrument				Measuring instrument	Verification Fee Rs. P.	Carriage, Conveyance adjusting charges etc.
	Weights	Measures	Capacity	Class	Manufacture	Type			
1	2	3	4	5	6	7	8	9	10
1			Non-Automatic Weighing Instruments - Electronic Serial Number : A 220321 Model Number : MD-30 Max Capacity : 9/20kg Min Capacity : 20g e= : 1/2g d= : 1/2g Remarks :	Medium III	ALI MOHAMMED AND CO	Portable Multi Interval		150.0	Conveyance arranged by party as per Rule

Total Rs 150.0 deposited vide T. Receipt/Money receipt No GRN - 192024250142749468 dated 29/07/2024

Repaired by/ Used by



Next verification due on 05/08/2025 (Non-Automatic Weighing Instruments - Electronic)

Samim Jamadar

05/08/2024

Legal Metrology Officer (Inspector)
Unit No. 74, Behala-II

Signature Not Verified

Digitally signed by DS
DIRECTORATE OF
LEGAL METROLOGY 01
Date: 2024.08.05
13:43:21 IST

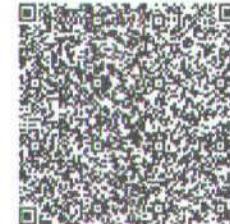
Note:- In the case of rejected weights, measures, the Legal Metrology Officer shall give separate Certificate of rejection mentioning the reasons of rejection against each article.

* As per Rule - 22 : Certificate of Verification to be exhibited in a conspicuous place.

Schedule - VIII

[see rule 15(3)]

Government of West Bengal
 Office of the Controller Legal Metrology,
 Certificate of verification



Name of Legal Metrology Officer : SAMIM JAMADAR

Verification Certificate Number: WB/19/0074/2024/000215

No: WB156

I hereby certify that I have this day verified and stamped the under mentioned weights, measurers, etc.

Belonging to : PROLITE PAINTS & CHEMICALS Locality : 620 D.H ROAD , Parnashree, Kolkata South, na, 700060

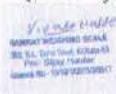
Trade Details : Factories

Latitude : 22.4877876, Longitude : 88.3132056

Quantity	Denomination		Weighing Instrument				Measuring instrument	Verification Fee Rs. P.	Carriage, Conveyance adjusting charges etc.
	Weights	Measures	Capacity	Class	Manufacture	Type			
1	2	3	4	5	6	7	8	9	10
1			Non-Automatic Weighing Instruments - Electronic Serial Number : A 220856 Model Number : MD Max Capacity : 75/200kg Min Capacity : 200g e= : 10/20g d= : 10/20g Remarks :	Medium III	ALI MOHAMMED AND CO	Portable Multi Interval		300.0	Conveyance arranged by party as per Rule

Total Rs 1050.0 deposited vide T. Receipt/Money receipt No GRN - 192024250142749468, 192024250152130478 dated 29/07/2024, 05/08/2024 respectively

Repaired by/ Used by



Next verification due on 05/08/2025 (Non-Automatic Weighing Instruments - Electronic)

Samim Jamadar

05/08/2024

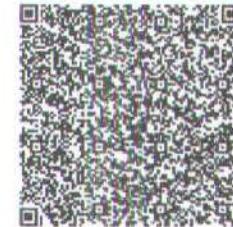
Legal Metrology Officer (Inspector)
 Unit No. 74, Behala-II

Signature Not Verified

Digitally signed by DS
 DIRECTORATE OF
 LEGAL METROLOGY 01
 Date: 2024.08.05
 14:21:53 IST

Note:- In the case of rejected weights, measures, the Legal Metrology Officer shall give separate Certificate of rejection mentioning the reasons of rejection against each item.

* As per Rule - 22 : Certificate of Verification to be exhibited in a conspicuous place.



Schedule - VIII

[see rule 15(3)]

Government of West Bengal
 Office of the Controller Legal Metrology,
 Certificate of verification

Name of Legal Metrology Officer : SAMIM JAMADAR

Verification Certificate Number: WB/19/0074/2024/000218

No: WB156

I hereby certify that I have this day verified and stamped the under mentioned weights, measurers, etc.

Belonging to : PROLITE PAINTS & CHEMICALS Locality : 620 D.H ROAD , Parnashree, Kolkata South, na, 700060

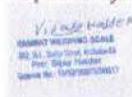
Trade Details : Factories

Latitude : 22.4877876, Longitude : 88.3132056

Quantity	Denomination		Weighing Instrument				Measuring instrument	Verification Fee Rs. P.	Carriage, Conveyance adjusting charges etc.
	Weights	Measures	Capacity	Class	Manufacture	Type			
1	2	3	4	5	6	7	8	9	10
1			Non-Automatic Weighing Instruments - Electronic Serial Number : A 22856 Model Number : 201 Max Capacity : 100/200kg Min Capacity : 200g e= : 10/20g d= : 10/20g Remarks :	Medium III	ALI MOHAMMED AND CO	Portable Multi Interval		300.0	Conveyance arranged by party as per Rule

Total Rs 1050.0 deposited vide T. Receipt/Money receipt No GRN - 192024250142749468, 192024250152130478 dated 29/07/2024, 05/08/2024 respectively

Repaired by/ Used by



Next verification due on 05/08/2025 (Non-Automatic Weighing Instruments - Electronic)05/08/2025 (Non-Automatic Weighing Instruments - Electronic)05/08/2025 (Non-Automatic Weighing Instruments - Electronic)05/08/2025 (Non-Automatic Weighing Instruments - Electronic)

Samim Jamadar

05/08/2024

Legal Metrology Officer (Inspector)

Unit No. 74, Behala-II

Signature Not Verified

Digitally signed by DS
 DIRECTORATE OF
 LEGAL METROLOGY 01
 Date: 2024.08.05
 14:21:59 IST

Note:- In the case of rejected weights, measures, the Legal Metrology Officer shall give separate Certificate of rejection mentioning the reasons of rejection against each item.

* As per Rule - 22 : Certificate of Verification to be exhibited in a conspicuous place.

Schedule - VIII

[see rule 15(3)]

Government of West Bengal

Office of the Controller Legal Metrology,

Certificate of verification



Name of Legal Metrology Officer : SAMIM JAMADAR

Verification Certificate Number: WB/19/0074/2024/000216

No: WB156

I hereby certify that I have this day verified and stamped the under mentioned weights, measurers, etc.

Belonging to : PROLITE PAINTS & CHEMICALS Locality : 620 D.H ROAD , Pamashree, Kolkata South, na, 700060

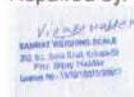
Trade Details : Factories

Latitude : 22.4877876, Longitude : 88.3132056

Quantity	Denomination		Weighing Instrument				Measuring instrument	Verification Fee Rs. P.	Carriage, Conveyance adjusting charges etc.
	Weights	Measures	Capacity	Class	Manufacture	Type			
1	2	3	4	5	6	7	8	9	10
1			Non-Automatic Weighing Instruments - Electronic Serial Number : 2562 Model Number : PST 100 Max Capacity : 40/100kg Min Capacity : 100g e= : 5/10g d= : 5/10g Remarks :	Medium III	POWER SCALE	Portable Multi Interval		300.0	Conveyance arranged by party as per Rule

Total Rs 1050.0 deposited vide T. Receipt/Money receipt No GRN - 192024250142749468, 192024250152130478 dated 29/07/2024, 05/08/2024 respectively

Repaired by/ Used by



Next verification due on 05/08/2025 (Non-Automatic Weighing Instruments - Electronic) 05/08/2025 (Non-Automatic Weighing Instruments - Electronic)

Samim Jamadar

05/08/2024

Legal Metrology Officer (Inspector)
Unit No. 74, Behala-II

Signature Not Verified

Digitally signed by DS
DIRECTORATE OF
LEGAL METROLOGY 01
Date: 2024.08.05
14:21:54 IST

Note:- In the case of rejected weights, measures, the Legal Metrology Officer shall give separate Certificate of rejection mentioning the reasons of rejection against each item.

* As per Rule - 22 : Certificate of Verification to be exhibited in a conspicuous place.

Schedule - VIII

[see rule 15(3)]

Government of West Bengal
 Office of the Controller Legal Metrology,
 Certificate of verification



Name of Legal Metrology Officer : SAMIM JAMADAR

Verification Certificate Number: WB/19/0074/2024/000217

No: WB156

I hereby certify that I have this day verified and stamped the under mentioned weights, measurers, etc.

Belonging to : PROLITE PAINTS & CHEMICALS Locality : 620 D.H ROAD , Pamashree, Kolkata South, na, 700060

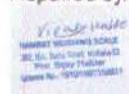
Trade Details : Factories

Latitude : 22.4877876, Longitude : 88.3132056

Quantity	Denomination		Weighing instrument				Measuring instrument	Verification Fee Rs. P.	Carriage, Conveyance adjusting charges etc.
	Weights	Measures	Capacity	Class	Manufacture	Type			
1	2	3	4	5	6	7	8	9	10
1			Non-Automatic Weighing Instruments - Electronic Serial Number : 3908 Model Number : Na Max Capacity : 15kg Min Capacity : 40g e= : 2g d= : 2g Remarks :	Medium III	SIGMA	Portable Single Interval		150.0	Conveyance arranged by party as per Rule

Total Rs 1050.0 deposited vide T. Receipt/Money receipt No GRN - 192024250142749468, 192024250152130478 dated 29/07/2024, 05/08/2024 respectively

Repaired by/ Used by



Next verification due on 05/08/2025 (Non-Automatic Weighing Instruments - Electronic)05/08/2025 (Non-Automatic Weighing Instruments - Electronic)05/08/2025 (Non-Automatic Weighing Instruments - Electronic)

Samim Jamadar

05/08/2024

Legal Metrology Officer (Inspector)

Unit No. 74, Behala-II

Signature Not Verified

Digitally signed by DS
 DIRECTORATE OF
 LEGAL METROLOGY 01
 Date: 2024.08.05
 14:21:57 IST

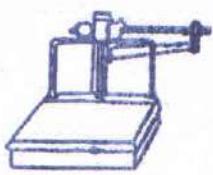
Note:- In the case of rejected weights, measures, the Legal Metrology Officer shall give separate Certificate of rejection mentioning the reasons of rejection against each item.

* As per Rule - 22 : Certificate of Verification to be exhibited in a conspicuous place.

No. 091

BILL

Date 6/8/24



SAMRAT WEIGHING SCALE

Legal Metaloging, Weights & Measures

Govt. of West Bengal (Licensed No. : 19/19/1/0073/3/0517)

Conversion Repairing & Maintenance Service

Repair Weighing Instruments (Analoge and Digital)

262, B.L. Saha Road, Kolkata - 700 053

M/s. PROLITE PAINTS & CHEMICALS

620 - D.H. ROAD BEHALA INDUSTRIAL KOL 60

SI. No.	PARTICULARS	AMOUNT Rs.	P.
	Weighing Instruments (Analoge / Digital)		
1	Model : ALI MOHAMMED & CO / SIGMA POWER SCALE		
1	Capacity : 100/200 KG ALI MOHAMMED & CO		
1	Min : 200 G 15 KG 40 G 75/200 KG	3000	00
1	'e' : 10/20 G 2 - - G 200 G		
1	40/100 KG 10/20 G		
1	100 G 9/20 KG		
1	5/10 G 20 G		
1	1/2 G		
	Platter Size :		
	Class : III III III III III		
	Sl. No. : A220321/A220856/2562/3908/A22856		
	Mfg. :		
	Vc No. : WB/19/0074/2024/000214	1200	00
	Date : 215 216 217 218		
	Rupees _____		
		TOTAL	4200 00

Bill No. : 091

E. & O.E.

Date : 6/8/24

Challan No. :



Govt. of West Bengal Consumer Affairs GRIPS eChallan



GRN Details

GRN:	192024250142749468	Payment Mode:	SBI Epay
GRN Date:	29/07/2024 19:40:57	Bank/Gateway:	SBIePay Payment Gateway
BRN :	6120488546629	BRN Date:	29/07/2024 19:41:24
Gateway Ref ID:	IGARPPSWA0	Method:	State Bank of India NB
GRIPS Payment ID:	290720242014274945	Payment Init. Date:	29/07/2024 19:40:57
Payment Status:	Successful	Payment Ref. No:	ILM 74
			[REF No]

Depositor Details

Depositor's Name:	PROLITE PAINTS & CHEMICALS
Address:	620 D.H. ROAD, BEHALA INDUSTRIAL ESTATE P S PARNASREE, West Bengal, 700060
Mobile:	9831343391
Contact No:	8017139908
Depositor Status:	Depositor
R.E.F. No:	ILM 74
District:	ACLMKOLS : Kolkata (South)
Name:	PROLITE PAINTS & CHEMICALS
ILM Unit No:	74, Behala-II (Thakurpukur)
Period From (dd/mm/yyyy):	29/07/2024
Remarks:	RE VERIFICATION FEES

Payment Details

Sl. No.	Payment Ref No	Head of A/C Description	Head of A/C	Amount (₹)
1	ILM 74	Other Fees	1475-00-106-001-16	1050
			Total	1050

IN WORDS: ONE THOUSAND FIFTY ONLY.