



YEA

☎ : 033 2677 1411/1412, 2667 1909

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

Calibration Certificate

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

ULR No. : CC222124000059538F

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.

06.09.2024

Next Calibration Due On.

06.09.2025

Page No.

1

No. of Pages

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/WI/M-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





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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 Pages

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	38.23	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 ***





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

Calibration Certificate

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

Dated : 07.09.2024

ULR No. : CC222124000059539F

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)/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





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

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

ULR No. : CC222124000059539F

Calibrated By : M. Gayan

Date: 07.09.2024

Page 2 of 2 Pages

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)	(± µl)
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 ***





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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±2°C RH : 50±10%

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.



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

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

ULR No. : CC222124000059540F

Calibrated By : P. Samanta

Date: 07.09.2024

Page 2 of 2 Pages

Calibration Results

Mechanical Calibration

Calibration Result of Hegman Gauge :

Sl. No.	DUC Value	Observed Value	Measurement Uncertainty
	(mm)	(mm)	(± 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 ***





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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.



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Cont.....2





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

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

ULR No. : CC222124000059541F

Calibrated By : P. Samanta

Date: 07.09.2024

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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)	(± micron)
1	25	25	0	10
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	
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 ***





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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

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.



CC-2221

The above Instrument/Equipment/Machine has been calibrated.

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

Cont.....2





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

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

ULR No.: CC222124000059542F

Calibrated By : A. Manna

Date: 07.09.2024

Page 2 of 2 Pages

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

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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

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.



CC-2221

YEA(C)/F-08



Cont.....2



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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 (g)	Observed Reading on DUC (g)	Overall Measurement Uncertainty of Balance (± g)
1	0.000000	0.0000	0.0051
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	

B) Repeatability of Balance : (At Half Load)

Sl. No.	Standard Weights Used (g)	Observed Reading on DUC (g)	Standard Deviation (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 (g)	Observed Reading on DUC (g)	Standard Deviation (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



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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 *****





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

Calibration Certificate

Certificate 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 : SI. No. : P 1024931
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

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(C)/F-08





YEA

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

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

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

ULR No.: CC222124000024583F

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

☎ : 033 2677 1411/1412, 2667 1909

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

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

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





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

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

ULR No.: CC222124000024584F

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 ***





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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

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





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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)	(± °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

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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 : SI. 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

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





YEA

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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

ULR No.: CC222124000024586F

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	-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

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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





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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

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

Calibration Certificate

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

ULR No.: CC222124000024588F

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	: SI. No. : 22106
Range	: (-)30 to 80 °C
Least Count	: 0.5 °C
Make	: GEM
Model	: IP 75C
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/Y001/002 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

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

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

ULR No.: CC222124000024588F

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	-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

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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(C)/F-08





YEA

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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

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

Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/008
ULR No.: CC222124000024590F

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 : 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/W/E(M)-06

Environmental Condition during Calibration

: Temp. : 25±2°C RH : 50±15%

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.

Cont.....2

YEA(C)/F-08





YEA

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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

☎ : 033 2677 1411/1412, 2667 1909

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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/P1230/009

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

Identification

Capacity

Least Count

Make

: Measuring Cylinder

: PPC / MC - 01

: 50 ml

: 1 ml

: 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

☎ : 033 2677 1411/1412, 2667 1909

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

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

ULR No.: CC222124000024591F

Calibrated By : S. Das

Date: 08.04.2024

Page 2 of 2 Pages

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)	(± µl)
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

A. Das
Manager Calibration

*** End of the Calibration Certificate ***





YEA

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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/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

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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

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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

Identification

Capacity

Make

: Density Bottle

: PPC / DB - 01

: 50 ml

: 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

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

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

ULR No.: CC222124000024593F

Calibrated By : S. Das

Date: 08.04.2024

Page 2 of 2 Pages

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)	(± µl)
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

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

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

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

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

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

ULR No.: CC222124000024594F

Calibrated By : S. Das

Date: 08.04.2024

Page 2 of 2 Pages

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)	(± µl)
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

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Calibration Certificate

Certificate No.: YEA(C)/ 240401A/P1230/013
ULR No.: CC222124000024595F

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

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

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-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

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

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

ULR No.: CC222124000024595F

Calibrated By : P. Samanta

Date: 08.04.2024

Page 2 of 2 Pages

Calibration Results

Mechanical Calibration

Calibration Results of Digital Coating Thickness Gauge(Fe) :

Sl. No.	Standard Value	Observed DUC Value	Measurement Uncertainty
	(micron)	(micron)	(± 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	3.2
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)	(± 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	3.2
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

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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

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



Cont.....2

YEA(C)/F-08





YEA

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

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

ULR No.: CC222124000024596F

Calibrated By : M. Gayan

Dated : 08.04.2024

Page 2 of 2 Pages

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

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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

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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 (± 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

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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±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 .

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

Cont.....2

YEA(C)/F-08





YEA

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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"	
4	Width across Six Cutting Edge	12.054 mm	(±) 3 micron
5	Thickness of Cutting Edge	0.076 mm	
		0.081 mm	
		0.070 mm	
		0.079 mm	
		0.074 mm	
		0.077 mm	
		0.082 mm	

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

A. Das
Manager Calibration

*** End of the Calibration Certificate ***





YEA

☎ : 033 2677 1411/1412, 2667 1909

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

Calibration Certificate

Certificate No.: YEA(C)/ 240401SA/P1230/001
ULR No.: CC222124000024582F

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	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



CC-2221

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/WIM-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 20.01.2025

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**

☎ : 033 2677 1411/1412, 2667 1909

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

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	0.11
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	

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

☎ : 033 2677 1411/1412, 2667 1909

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

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 :

Sl. 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

☎ : 033 2677 1411/1412, 2667 1909

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

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

☎ : 033 2677 1411/1412, 2667 1909

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

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

☎ : 033 2677 1411/1412, 2667 1909

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

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

☎ : 033 2677 1411/1412, 2667 1909

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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	
		Width		50.04	
3	A3	Length	50 mm	50.00	
		Width		50.01	
4	A4	Length	50 mm	49.99	
		Width		49.97	
5	A5	Length	50 mm	50.02	
		Width		50.05	
6	A6	Length	50 mm	50.03	
		Width		50.01	
7	B1	Length	50 mm	50.02	
		Width		50.01	

Cont. 3





YEA

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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	
		Width		50.07	
10	B4	Length	50 mm	50.02	
		Width		50.06	
11	B5	Length	50 mm	50.04	
		Width		50.01	
12	B6	Length	50 mm	49.97	
		Width		49.98	
13	C1	Length	50 mm	50.02	
		Width		50.03	
14	C2	Length	50 mm	50.03	
		Width		50.05	
15	C3	Length	50 mm	50.02	
		Width		49.99	
16	C4	Length	50 mm	49.98	
		Width		49.99	
17	C5	Length	50 mm	50.02	
		Width		50.06	
18	C6	Length	50 mm	49.99	
		Width		49.95	
19	D1	Length	50 mm	50.01	
		Width		50.04	
20	D2	Length	50 mm	49.98	
		Width		49.96	
21	D3	Length	50 mm	50.03	
		Width		50.05	
22	D4	Length	50 mm	50.01	
		Width		50.04	
23	D5	Length	50 mm	49.98	
		Width		49.99	
24	D6	Length	50 mm	50.02	
		Width		50.04	
25	E1	Length	50 mm	50.02	
		Width		50.05	
26	E2	Length	50 mm	49.97	
		Width		49.99	

Cont... 14





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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	
		Width		49.96	
29	E5	Length	50 mm	50.03	
		Width		50.01	
30	E6	Length	50 mm	49.99	
		Width		49.98	
31	F1	Length	50 mm	50.03	
		Width		50.06	
32	F2	Length	50 mm	50.02	
		Width		50.02	
33	F3	Length	50 mm	49.96	
		Width		49.97	
34	F4	Length	50 mm	49.98	
		Width		49.99	
35	F5	Length	50 mm	50.03	
		Width		50.00	
36	F6	Length	50 mm	50.04	
		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

☎ : +91 91633 34715

YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.

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

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

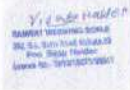
No: WB156

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 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/19/0074/2024/000215

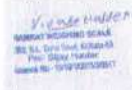
No: WB156

I hereby certify that I have this day verified and stamped the under mentioned weights, measures, 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 : 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.
* 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

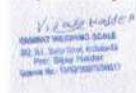
Trade Details : Factories

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

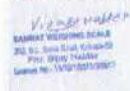
No: WB156

I hereby certify that I have this day verified and stamped the under mentioned weights, measures, 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

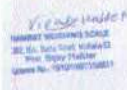
No: WB156

I hereby certify that I have this day verified and stamped the under mentioned weights, measures, 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

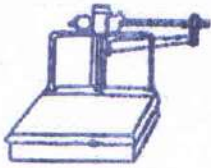
Digitally signed by DS
DIRECTORATE OF
LEGAL METROLOGY 01
Date: 2024.08.05
14:21:57 IST

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 Metrology, 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/o. PROLITE PAINTS & CHEMICALS

620 D.H. ROAD BEHALA INDUSTRIAL KOL - 60

Sl. 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	3000	00
1	Min : 200 G 15 Kg 40 G 75/200 Kg		
1	'e' : 10/20 G 2 - - G 200 G		
1	Platter Size : 40/100 Kg 10/20 G		
1	100 G 9/20 Kg		
1	5/10 G 20 G		
	1/2 G		
	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

Date : 6/8/24

Challan No. :

E. & O.E.



Govt. of West Bengal
Consumer Affairs
GRIPS eChallan



192024250142749468

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.