



Plot No. 18, First Floor, Santhoshina Colony, West Marredpally, Secunderabad - 500 026.

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Range: 0 to 42 / 210 g  
 Max: 210 g Min: 10 mg  
 Class: I d= 0.00001 g upto 42 g e= 0.0001 g  
 d= 0.0001 g over 42 g e= 0.001 g

### CALIBRATION CERTIFICATE

Customer Name & Address:		Calibration Certificate No: TC/23-24/4262 04	
Info: Testing Machine Service And Calibration Centre, "ANIMA" Apartment, 1/1, Harisava Road, Barrackpore, Kolkata, West Bengal - 700122.		Unique Lab Report No: CC223023000010681F	
Details of device under calibration (DUC):		SRF No: TC/23-24/4262 Cal Date: 06 Nov 2023	
		BRF Date: 06 Nov 2023 Due Date: 06 Nov 2024	
		Issue Date: 10 Nov 2023	
DUC:	Digital Weighing Balance	SI No.:	14266718
		Cal Procedure No:	CP-ME-31
Maker/Model:	AND / OR-202	ID No.:	TMSCC-EB-51
		DUC Received:	06 Nov 2023
Range/LC:	0 to 42 / 210 g / 0.00001 / 0.0001 g	Page No.:	1 of 3
		DUC Condition on Receipt:	Satisfactory
Calibrated By: Dhruva Kumar, A. Calibration Engineer			

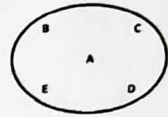
Environmental Conditions:	Temperature: 23 ± 5°C	Humidity: 40 - 60% Rh	Calibration Done At:	Onsite
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SI No.	Manufacturer	Make	SI No/ID No.	Traceable to / Cert. No.	Validity
1	E2 Class Weight Box	weigh India	TCME-36	Tracecal / TSC/22-23/15885-27	28 Jan 2024

- Note:**
- This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.
  - Partial Publication reproduction of this Certificate in any form is not permitted without the written consent of Truecal.
  - Errors if any, in this Certificate shall be brought to notice within 45 days from the date of this Certificate.
  - Measurement Uncertainty reported is at approximately 95 % confidence level with k=2; Units of Measurement results & Measurement Uncertainty are same as that of range selected - Unless otherwise indicated.
  - Calibration of the DUC is traceable to National/International Standards.
  - Corrections/Errors invalidate the Calibration Certificate.
  - Unless otherwise specified the Measurement Data reported is 'As Found-Without any adjustment'.
  - The Decision Rule:
- Simple Conformity Decision: Decision without considering Measurement Uncertainty, "PASS" indicates measured value is within or on threshold of Tolerance limit/Accuracy. "FAIL" indicates measured value is beyond threshold of Tolerance limit/Accuracy. "-" indicates no tolerance limit/Accuracy furnished.

SI No.	Std Weights	DUC Reading before adjustment	DUC Reading after adjustment	Certified Value of Standard Weights	Observed Deviation	Maximum Permissible Error ± in mg	Remarks
1	0	0.00000 g	0.00000 g	— g	— g	—	—
2	10 mg	0.01000	0.01000	0.010003	0.00000	0.05	Pass
3	50	0.05000	0.05000	0.050003	0.00000	0.05	Pass
4	100	0.10002	0.10002	0.100004	0.00002	0.05	Pass
5	200	0.19999	0.19999	0.200005	-0.00001	0.05	Pass
6	500	0.50001	0.50001	0.500014	0.00000	0.05	Pass
7	1 g	1.00000	1.00000	1.000015	-0.00002	0.05	Pass
8	5	4.99999	4.99999	4.999999	-0.00001	0.05	Pass
9	10	9.99998	9.99998	10.000004	-0.00002	0.05	Pass
10	20	19.99998	19.99998	19.999980	-0.00002	0.10	Pass
11	50	50.00000	50.00000	50.000004	0.00000	0.10	Pass
12	100	99.99999	99.99999	100.000007	-0.00002	0.5	Pass
13	200	199.99993	199.99993	199.999995	-0.00007	1.0	Pass
14	210	209.99991	209.99991	209.999995	-0.00009	1.0	Pass

SI No.	Std Weights	Location	DUC Reading	ECCENTRIC ERROR
1	50 g	A	50.0000 g	0.0002 g
2		B	49.9998	
3		C	49.9999	
4		D	49.9998	
5		E	49.9998	
6		A	50.0000	
7		E	49.9998	
8		D	49.9998	
9		C	49.9999	
10		B	49.9998	
11		A	50.0000	



Reviewed & Authorised By  
 N. Sai Prabh  
 (Sr. Calibration Engineer)



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#### Repeatability

SI No.	Std Weights	DUC Reading	Error
1	105 g	104.9999 g	0.0001 g
2		104.9998	
3		104.9997	
4		104.9999	
5		104.9999	
6		104.9999	
7		104.9999	
8		104.9999	
9		104.9999	
10		104.9999	

SI No.	Std Weights	DUC Reading	Error
11	210 g	209.9991 g	0.0000 g
12		209.9991	
13		209.9990	
14		209.9991	
15		209.9991	
16		209.9991	
17		209.9991	
18		209.9991	
19		209.9991	
20		209.9991	

Measurement Uncertainty: ± 0.0002 mg

#### Conclusion/Remarks:

- 1) Thermal Stabilisation Hours : 1 hour
- 2) This Calibration certificate issued for Scientific or industrial purpose only
- 3) Calibration done as per the customer request.
- 4) Accuracy mentioned as per manufacturer specifications.

<<<End of the Certificate>>>



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 N. Sai Prabh  
 (Sr. Calibration Engineer)

