

NUTECH CALIBRATORS & ENGINEERS

(NABL Accredited Calibration Laboratory)

Regd. Office & Lab : 24, GOLD PARK, R. B. CONNECTOR, NABAPALLY, KOLKATA - 700 107

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CC-3304

NCE/LAB/20		CALIBRATION CERTIFICATE OF: WEIGHT BOX			
No.: NCE-WB-22012896-22-23		Issue Date: 05/Jan/23			
Calibration: 03/Jan/23		Calibration Due On: 03/Jan/24		Frequency of Calibration: 12 Months	
CC330422000012896F		Instruments Receipt Date: 03/Jan/23			
Calibration: At Lab					
M/s : Dey's Medical Stores Pvt. Ltd. Minerva Garden Complex, D.H Road, Joka, 24 Pgs(S), Kolkata-700104					
Request/Order No.:					
Identification of instrument to be calibrated:					
Weight Box		Location : QC Instrumentation Room		Range: 10 mg to 200 g	
Id No. : DMS/WB-01		Resolution: --		Discipline : Mechanical	
SI No. : ---		E1 Class			
Specification of Item to be calibrated: Accuracy/Permissible Limit:				Not Specified	
Calibration:		Comparison Method			
Ambient Condition during Calibration:		i) Temperature: (23 ± 2)°C		ii) Humidity: (50±10) %RH	
Note: Standards used for calibration are traceable to National / International Standards through ISO/IEC: 17025					
Laboratory					
Name of the Standard Instruments Used (Sl. No./Code No.)	Certificate No.	Calibration Date	Calibration Due Date	Traceable To	
Weight (1 mg to 200 gm)	TSC/22-23/1761-6	20/04/2022	20-04-2023	TransCal	
Electronic Balance (NCE/DWM/01)	TSC/22-23/1761-8	22/04/2022	22-04-2023	TransCal	
CALIBRATION RESULT					
Nominal Value in g	Actual mass value of D.U.C. (g)	Measurement Uncertainty in mg (±)			
200.0	200.0000	0.16			
100.0	100.0471	0.101			
50.0	50.0387	0.13			
20.0	19.99998	0.027			
*20.0	20.00000	0.027			
10.0	10.00115	0.03			
5.0	5.00488	0.03			
2.0	2.00051	0.03			
*2.0	2.00047	0.03			
1.0	0.99850	0.017			
Contd.....					



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Issue Date: 05/Jan/23

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CALIBRATION RESULT

Std. Mass Value in g	Actual mass value of D.U.C. (g)	Measurement Uncertainty (±) g
0.5	0.5009	0.03
0.2	0.1992	0.017
*0.2	0.1996	0.017
0.1	0.0996	0.03
0.05	0.0501	0.03
0.02	0.0194	0.03
*0.02	0.0216	0.03
0.01	0.1002	0.02

Conformity not mentioned.

Readings had been taken in DUC-STD

Calibration release only in the above DUC & Reported results are valid at the time of use under the stated conditions of measurement.

Measurement Uncertainty reported is at approximately 95% confidence level with k=2. Units of Measurement results & Measurement Uncertainty are same as that of range otherwise indicated.

Measurement Uncertainty adopted for use of NABL symbol

Use Under Calibration, vi) Physical Status Of DUC : OK

Not intended for industrial purpose only not for commercial activities.

Reproduction of this certificate in any form is not permitted without the written consent of NCE

This certificate, issued by Nutech Calibrators & Engineers, refers only for the particular item submitted to calibrate.

B. Bera



APPROVED BY:
S.Ghosh (T. M.)