NUTECH CALIBRATORS & ENGINEERS

(NABL Accredited Calibration Laboratory)

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CC-3304

Format No.:F/NCE/LAB/20

CALIBRATION CERTIFICATE OF: DIGITAL BALANCE

Certificate No.:	NCE-DB-22012895-22-23		Issue Date: 05/Jan/23
Date of Calibration:	03/Jan/23	Calibration Due On:	03/Jan/24
UUC No.:	CC330422000012895F	Frequency of Calibration:	12 Months
Location of Calibration:	On Site	Instruments Receipt Date:	03/Jan/23

Issued To: M/s : Dey's Medical Stores Pvt. Ltd.
Minerva Garden Complex, D.H Road,
Jaika, 24 Pgs(S), Kolkata-700104

Service Request/Order No.:

Description/identification of instrument to be calibrated:

Name:	Digital Balance				
Make:	Mettler Toledo	Id No. :	K69884	Range:	100 g
Model:	AG-285	Sl No. :	K69884	Resolution:	0.0001 g
Location:	QC Instrumentation			Discipline :	Mass

Applicable specification of item to be calibrated: Accuracy/Permissible Limit: OIML R-76

Basis Of Calibration: Comparison Method

Environmental Condition during Calibration: i) Temperature: (23 ± 2)°C ii) Humidity: (50±10) %

Traceability: Standards used for calibration are traceable to National / International Standards through ISO/IEC: 17025 accredited laboratory

Sl. No.:	Name of the Standard Instruments Used (Sl. No./Code No.)	Certificate No.	Calibration Date	Calibration Due Date	Traceable
1	Weight (1 mg to 200 gm)	TSC/22-23/1761-6	20/04/2022	20-04-2023	TransCa

CALIBRATION RESULT

At Linearity Test:

Observation	Denomination	Std. Mass Value in g	Reading Observed at DUC in g	Deviation (g)	Measurement Uncertainty mg
1	1 mg	0.001001	0.0010	-0.000001	
2	2 mg	0.002	0.0020	0.000000	
3	5 mg	0.005003	0.0050	-0.000003	
4	10 mg	0.01	0.0100	0.000000	
5	20 mg	0.020001	0.0200	-0.000001	
6	50 mg	0.05	0.0500	0.000000	
7	100 mg	0.100003	0.1000	-0.000003	
8	200 mg	0.200001	0.2000	-0.000001	
9	500 mg	0.499996	0.4998	-0.000196	2
10	1 g	1.000007	1.0000	-0.000007	
11	2 g	2.000003	2.0000	-0.000003	
12	5 g	5.000014	5.0000	-0.000014	
13	10 g	9.999988	10.0000	0.000012	
14	20 g	19.999982	19.9997	-0.000282	
15	50 g	50.00005	50.0006	0.000550	
16	100 g	99.99998	99.9998	-0.000180	

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