



NUTECH CALIBRATORS & ENGINEERS

(NABL Accredited Calibration Laboratory)

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CC- 3304

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Format No.:F/NCE/LAB/20		CALIBRATION CERTIFICATE OF: DIGITAL BALANCE			
Certificate No.: NCE-DB-22012916-22-23		Issue Date: 05/Jan/23			
Date of Calibration: 03/Jan/23	Calibration Due On: 03/Jan/24				
U.L.R No.: CC330422000012916F	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, Joka, 24 Pgs(S), Kolkata-700104				
Service Request/Order No.:					
Description identification of instrument to be calibrated:					
Name:	Digital Balance				
Make:	Samson	Id No. : -	Range:	Max ^m 600 g	
Model:	S 600 HC	SI No. : B-180662265	Resolution:	0.01 g	
Location:	RM Dispensing Room		Discipline :	Mechanical	
Applicable specification of Item to be calibrated: Accuracy/Permissible Limit:			Not Specified		
Basis Of Calibration:		Comparison Method			
Environmental Condition during Calibration:		i) Temperature: (23 ± 2)°C	ii) Humidity:	(50±10) %RH	
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 To
1	Weight (1 mg to 200 gm)	TSC/22-23/1761-6	20/04/2022	20-04-2023	TransCal
2	Weights (500 gm)	TSC/21-22/1803-11	28/04/2021	28/04/2023	Transcal
CALIBRATION RESULT					
A) Linearity Test:					
Observation	Denomination	Std. Mass Value in g	Reading Observed at DUC in g	Deviation (g)	Measurement Uncertainty (±) mg
1	200 mg	0.200001	0.20	-0.000001	15
2	500 mg	0.499996	0.50	0.000004	
3	1 g	1.000007	1.00	-0.000007	
4	2 g	2.000003	2.00	-0.000003	
5	5 g	5.000014	5.00	-0.000014	
6	10 g	9.999988	10.00	0.000012	
7	20 g	19.999982	19.98	-0.019982	
8	50 g	50.000005	49.98	-0.020005	
9	100 g	99.99998	99.97	-0.029980	
10	200 g	199.99994	199.95	-0.049940	
11	300 g	299.99992	299.92	-0.079920	
12	500 g	500.00118	499.95	-0.051180	
13	600 g	600.00116	599.94	-0.061160	
Contd.....					

