



NEWTECH CALIBRATION LABORATORY

(NABL Accredited Calibration Laboratory)

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Format No.: NCL/FF/25		CALIBRATION CERTIFICATE OF: DIGITAL BALANCE			
Certificate No.:	NCL-DB-2400104-23-24	Issue Date:		04-Jan-24	
Date of Calibration:	03-Jan-24	Calibration Due On:		03-Jan-25	
ULR No.:	CC357524000000104F	Frequency of Calibration:		12 Months	
Location of Calibration:	On Site	Instrument Receipt Date:		03-Jan-24	
Issued To:	M/s. Dey's Medical Stores Pvt. Ltd. Minerva Garden Complex, Joka, South 24 Pgs Kolkata - 700104				Page: 1 of 2
Order No.:	JWO/QP/2324/0001				
Description identification of instrument to be calibrated:					
Name:	Digital Balance				
Make:	Samson	ID No.:	--	Range:	0 - 150 kg / 300 kg (Cal upto 100 kg)
Model:	SNBK 300	SI No.:	B-21020597	Resolution:	0.02 kg / 0.05 kg
Location:	Godown	Discipline:		Mechanical	
Applicable specification of Item to be calibrated: Accuracy/ Permissible Limit:			Not Specified		
S.O.P No.:	NCL/WI/03/M-01	Standard Followed:		OIML-R-76	
Environmental Condition during Calibration:		i) Temperature:		24.3°C	ii) Humidity: 53 %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./ID No.)	Certificate No.	Calibration Date	Calibration Due Date	Traceable To
1	E2 Class Weight Box (1 mg to 200 gm)	TSC/23-24/1620-5	13/4/2023	13-04-2024	TransCal
2	F1 Class Weights (500 gm)	TSC/23-24/1620-14	13/4/2023	12-04-2024	TransCal
3	F1 Class Weights (1 kg)	TSC/23-24/1620-6	13/4/2023	12-04-2024	Transcal
4	F1 Class Weights (2 kg)	TSC/23-24/1620-15	13/4/2023	12-04-2024	Transcal
5	F1 Class Weights (2 kg)	TSC/23-24/1620-16	13/4/2023	12-04-2024	Transcal
6	F1 Class Weights (5 kg)	TSC/23-24/1620-17	13/4/2023	12-04-2024	Transcal
7	F1 Class Weights (10 kg)	TSC/23-24/1620-18	13/4/2023	12-04-2024	Transcal
8	F1 Class Weights (20 kg)	TSC/23-24/1620-8	13/4/2023	12-04-2024	Transcal
9	F1 Class Weights (20 kg)	TSC/23-24/1620-19	13/4/2023	12-04-2024	TransCal
10	F1 Class Weights (20 kg)	TSC/23-24/1620-7	13/4/2023	12-04-2024	TransCal
11	F1 Class Weights (20 kg)	TSC/23-24/1620-9	13/4/2023	12-04-2024	TransCal
CALIBRATION RESULT					
A) Linearity Test:					
Observation	Denomination	Std. Mass Value in g	Reading Observed at DUC in kg	Deviation (kg)	Measurement Uncertainty (±) g
1	1 kg	1000.0005	1.000	0.000	7
2	2 kg	2000.003	2.000	0.000	
3	5 kg	5000.009	5.000	0.000	
4	10 kg	10000.003	10.000	* 0.000	
5	20 kg	20000.012	20.000	0.000	
6	40 kg	40000.024	39.980	0.000	
7	60 kg	60000.039	59.980	-0.020	
8	80 kg	80000.049	79.960	-0.020	
9	100 kg	100000.068	99.940	-0.040	
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