AOV INTERNATIONAL LLP

(MEDICAL DEVICES CALIBRATION LABORATORY)
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AOV/7.8/QF/3

Calibration Certificate

Certificate No.: AOV/CALN/22-12/0297

Customer Detail:			
Name and address of customer	:-	**M/s. KHARAGPUR SDH** PASCHIM MEDINIPUR, WEST BENGAL - 721301	

Calibration Certificate Details:			
Customer Reference Number :-	-----		
Date of Receipt :-	17-Dec-2022	Date of Issue :-	18-Dec-2022
Date of calibration :-	17-Dec-2022	Recommended Due Date :-	17-Dec-2023

Description of Device under calibration:			
Name of Instrument :-	Weighing Scale	Range :-	0 - 150 kg
Make / Model :-	Crown	Least Count :-	0.05 Kg
Serial Number :-	---	Location/Department :-	ICTC Lab
Equipment ID :-	4220700520	Condition of DUC :-	Satisfactory
Accuracy :-	---	Location of calibration (At Lab/Site) :-	Site

Environmental Conditions Details:			
Temperature :-	25 ± 4°C	Relative Humidity :-	50 ± 20 %

Revelant Standard & Procedure Details:		
Method & Reference Calibration Procedure	:-	By Using Direct Method & AOV/CP/25
Reference National/ International Standards	:-	IS 2489:1963, OIML R76-1

Description of standards used for calibration:

Name of Master Inst.	Make & Model	Serial Number	Valid Upto	Traceable To
Standard Weight	Maruti / F1 Class	130037-077	9-Dec-2023	CC-2813

Visual Inspection of Device Under Calibration :-

Parameter	Remarks (Ok / Not Ok)
1) Physical Damage	Ok
2) Power Chord Check	Ok
3) Accessories, Cables, Filter, Inlet & Hoses	--
4) Battery Power	Ok
5) Alarm Function	--

Discipline & Group: Medical Devices & Monitoring Unit

Calibration Results :-

Sr. No.	Parameter	STD Value (S)	DUC Measured Value (M)	Error (M - S)	Expended Uncertainty (± kg)
1)	Weight Measurement (kg)	10.000	10.05	0.05	0.029
		30.000	30.10	0.10	0.029
		60.000	59.85	-0.15	0.029
		80.000	79.65	-0.35	0.029
		100.000	99.50	-0.50	0.029

Remarks:

1) Equiment used for calibration were calibrated & traceable to National & International Standards.
2) The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2.00, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with NABL requirements.
3) The reported uncertainty applies only to the measured values and gives no indication of the long term stability of device.
4) Recommended Due Date of Calibration Certificate as per Customer Request.
5) All Readings are average of Five Readings.
6) DUC stands for Device Under Calibration.

End of Certificate

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CALIBRATED/CHECKED BY
Bhagwan Singh (Calibration Engineer)

AUTHORISED SIGNATORY
Gaurav Rajawat (Quality Manager)

NOTE:
1) This Calibration Certificate refers only to the particular item submitted for calibration.
2) This certificate shall not be reproduced except in full/part without prior permission of AOV International LLP.
3) The Calibration results reported in this certificate are valid at the time of an under stated condition of measurement.