

Balance ID no:	SS-057	Location:	New Pilot	Operating Range:	0.0100-209.0000 g
Balance Capacity:	0.0001 g	Least Count :	0.0001 g	Calibration Frequency	12 months
Weight Box / Standard Weight ID No.	HSW-07			Valid Upto:	03/09/27
Date of Calibration:	05/09/26			Next Calibration Due on:	05/09/26
Reason for Calibration	☐ Schedule ☐ Non Schedule _____				

1. Surface level check

Surface level check	Observation
Check the surface level on the level (Bubble) indicator and ensure that the bubble should be in Center	Satisfactory
Calibration Done By : 4010(Mrunmayi)	

2. Sensitivity and Linearity

Weight Selection for calibration	Selected weights	Acceptance Criteria	Actual Observation (Center position)	
Minimum of Entire operation range	0.0100 g	Actual weight = ± 0.5 % of Selected standard Weight (For Dispensing activity)	0.0100 g	
30% of Balance capacity	66.0000 g		Actual weight = ± 0.1 % of actual mass * of Selected standard weight (For Dispensing activity for balance having capacity 220 g or below with least count 0.00001 g or better)	66.0000 g
50% of Balance capacity	176.0000 g			176.0000 g
80% of Balance capacity	110.0000 g			110.0000 g
Maximum of Entire operating range	209.0000 g	Actual weight = ± 1.0 % of Selected standard weight (For other than Dispensing activity)	209.0000 g	
Calibration done By :		4010(Mrunmayi)		
* Actual mass of standard weights:				

3. Eccentricity test

Weight Selection for calibration	Selected weights	Acceptance Criteria	Actual Observation	
50% of Balance capacity	110 g	Actual weight = ± 0.5 % of Selected standard Weight (For Dispensing activity) Actual weight = ± 0.1 % of actual mass * of Selected standard weight (For Dispensing activity for balance having capacity 220 g or below with least count 0.00001 g or better) Actual weight = ± 1.0 % of Selected standard weight (For other than Dispensing activity)	1 Position	110.0000 g
			2 Position	108.9000 g
			3 Position	11.1000 g
			4 Position	
			Center	
Calibration done By :			4010(Mrunmayi)	
* Actual mass of standard weights :				

Remarks: _____

Conclusion : The Calibration of instrument found satisfactory / Not satisfactory

Done By/ Date: 4010(Mrunmayi) / 05/09/26

Verified By / Date: 4010(Mrunmayi) / 05/09/26
