

FULL SCALE CALIBRATION AND ZERO ERROR RECORD

(Analytical and Precision Weighing Balance)

Unit : X

Department : NA

Balance Code No. : BCN/3/BAL/09

Make : Sartorius

Std. Weight Box ID. : WB_10

Month and year : January 2026

Capacity (a) (g) : 356.000

Model : BC-ED

Least Count (e) (g) 0.001

Std. Weight Box Certificate No. 240604

Std. Weight Box Valid Upto 17-08-2030

Tolerance: +/- Least count of the balance OR +/- 0.1 % of Standard weight whichever is higher.

Standard weights for calibration (g)		Tolerance (g)	Accuracy Limits(Std wt +/- Tolerance) (g)
Lower(20.e)/(5% of a)/Minimum capacity of the checkweigher / weighing balance	1.970	- 0.470 + 0.380	1.500 - 2.350
Middle-I(20% of a)	4.970	- 1.470 + 0.280	3.500 - 5.250
Middle-II(50% of a)	9.920	- 0.470 + 0.230	9.450 - 10.150
Upper(80% of a)	19.940	- 0.710 + 0.560	19.230 - 20.500

Note:

1. Adjust zero error before starting the weighing operation.
2. Check against standard weights daily before starting the activity.
3. If more than one standard weight is used for verification then record the standard weight / identification No. of all individual weights used for verification. (E.g. For verification of 200g, if three weights viz. 50g, 50g & 100g is used then record standard weight/identification No. of all the three weights)

Date	Time	Spirit Level (Ok/ Not Ok)	Zero Error	Standard weights kept on the balance (g)	Readings shown (g)	Remark
08.01.2026	15:34	OK	Nil	Lower(20.e)/(5% of a)/Minimum capacity of the checkweigher / weighing balance	1.970	2.000
				Middle-I(20% of a)	4.970	4.990
				Middle-II(50% of a)	9.920	10.000
				Upper(80% of a)	19.940	19.960

	Signature	Date & Time
Performed By	Dipti (D)	08.01.2026 & 15:34:54
Checked By	Sail (12)	08.01.2026 & 15:36:04
Checked By (Quality Assurance)		