

FULL SCALE CALIBRATION AND ZERO ERROR RECORD  
( Analytical and Precision Weighing Balance )

Unit : X  
Department : QC  
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 |
|------------|-------|---------------------------|------------|-------------------------------------------------------------------------------|--------|--------------------|--------|
| 13.01.2026 | 11:42 | OK                        | Nil        | Lower(20.e)/(5% of a)/Minimum capacity of the checkweigher / weighing balance | 1.970  | 1.970              | Ok     |
|            |       |                           |            | Middle-I(20% of a)                                                            | 4.970  | 5.200              | Ok     |
|            |       |                           |            | Middle-II(50% of a)                                                           | 9.920  | 9.952              | Ok     |
|            |       |                           |            | Upper(80% of a)                                                               | 19.940 | 19.945             | Ok     |

|                                | Signature               | Date & Time           |
|--------------------------------|-------------------------|-----------------------|
| Performed By                   | TANTRA (TANTRA)         | 13.01.2026 & 11:42:05 |
| Checked By                     | TANTRASOFT (TANTRASOFT) | 13.01.2026 & 11:44:08 |
| Checked By (Quality Assurance) |                         |                       |