

FULL SCALE CALIBRATION AND ZERO ERROR RECORD

(Analytical and Precision Weighing Balance)

Unit : X

Department : QC

Balance Code No. : Bal_10

Make : METTLER TOLEDO

Std. Weight Box ID. : WBI_1

Month and year : October 2024

Capacity (gm) : 320.000

Model : ML203

Least Count (gm) : 0.001

Tolerance: +/- Least count of the balance OR +/- 0.1 % of Standard weight whichever is higher and value should be rounded off on lower side as per display capacity of balance.

| Standard weights for calibration (gm) | | Tolerance (gm) | Accuracy Limits(Std wt +/- Tolerance) (gm) |
|---------------------------------------|---------|-----------------|--|
| Lower | 0.020 | - 0.001 + 0.002 | 0.019 - 0.022 |
| Middle(1) | 64.000 | - 0.003 + 0.006 | 63.997 - 64.006 |
| Middle(2) | 160.000 | - 0.004 + 0.005 | 159.996 - 160.005 |
| Upper | 256.000 | - 0.900 + 0.008 | 255.100 - 256.008 |

Note: 1. Adjust zero error before commencing the weighing operation.

2. Check against standard weights on quarterly.

| Date | Time | Spirit Level (Ok/ Not Ok) | Zero Error | Standard weights kept on the balance (gm) | Readings shown (gm) | Remark | Performed by | Checked By |
|------------|-------|---------------------------|------------|---|---------------------|---------|--------------|-------------|
| 10.10.2024 | 14:12 | OK | Nil | Lower | 0.020 | 0.020 | Ok | Abhishek(A) |
| | | | | Middle(1) | 64.000 | 64.000 | Ok | Abhishek(A) |
| | | | | Middle(2) | 160.000 | 160.000 | Ok | Abhishek(A) |
| | | | | Upper | 256.000 | 256.000 | Ok | Abhishek(A) |
| | | | | | | | | Sail(12) |
| | | | | | | | | Sail(12) |
| | | | | | | | | Sail(12) |
| | | | | | | | | Sail(12) |

Calibration Done By: Abhishek (A)

Checked By:
(Quality Assurance)

Date : 10.10.2024

Date :