

## (IPQC) TAPPED DENSITY TEST REPORT

|                                      |                                           |                                     |             |
|--------------------------------------|-------------------------------------------|-------------------------------------|-------------|
| <b>Product Name</b>                  | Rabeprazole Sodium Gastro 0.600 Gm Tablet |                                     |             |
| <b>Batch No.</b>                     | BN-90221                                  | <b>Department</b>                   | Granulation |
| <b>BFG Code No.</b>                  | BVG-890005                                | <b>Date</b>                         | 13.03.2026  |
| <b>Layer</b>                         | NA                                        | <b>Start Time</b>                   | 10:59:15    |
| <b>Method</b>                        | USP I                                     | <b>Tap Density Tester Code No.</b>  | TD-8050     |
| <b>Tap Std. Lower Limit (gm/ml)</b>  | 0.50                                      | <b>Tap Std. Upper Limit (gm/ml)</b> | 0.90        |
| <b>Bulk Std. Lower Limit (gm/ml)</b> | 0.10                                      | <b>Bulk Std. Upper Limit gm/ml)</b> | 0.70        |
| <b>Cubicle Name</b>                  | IPQC - 2                                  | <b>Lot No.</b>                      | 355         |

### 1 .BULK DENSITY :

Quantity of the test sample taken(A) : 30.00 gm

The volume occupied(Vo) : 67.00 ml

$$\text{Bulk Density} = \frac{\text{Quantity of the test sample}}{(V)} = 0.45 \text{ gm/ml}$$

### 2 .TAPPED DENSITY :

Quantity of the test sample taken(A) : 30.00 gm

Number of tap count set : 10 or 500 or 1250

The tapped volume(Va) : 48.00 ml (Volume after 10 taps)

(Vb) : 32.00 ml (Volume after 500 taps)

(Vc) : 31.50 ml (Volume after 1250 taps)

\* Note: If the difference between Vb and Vc is less than 2 ml or equal to 2 ml, then Vc shall be considered as the tapped volume. If the difference between Vb and Vc exceeds 2 ml, repeat the tapping in increments (e.g., 1250 taps) until the difference between successive measurements is less than 2 ml or equal to 2 ml.

Additional 1250 taps (V1250a + V1250b) : 31.00 ml

Additional 1250 taps (V1250a + V1250b + V1250c) : 26.00 ml

$$\text{Tapped Density} = \frac{A}{Vb, Vc \text{ or } Vd} = 0.85 \text{ gm/ml}$$

( whichever is used lastest to check the tap density)

**Result: Complies**

**Performed by :** Abhishek Patil

**Date :** 13.03.2026