

In Process Quality Control Test Report

Tapped Density Test Report (Regular)

Product Name	PANTOPRAZOLE SODIUM SESQUIHYDRATE IP		
Stage	Granulation	Batch No.	BN-90989
Test Start Date/Time	28/04/26 09:11	Test End Date/Time	28/04/26 09:13
Instrument ID No.	LD-80989	Comments	
Layer	Upper Blend	Cubicle No.	15
Tap Std. Lower Limit (gm/ml)	0.50	Tap Std. Upper Limit (gm/ml)	0.90
Bulk Std. Lower Limit (gm/ml)	0.10	Bulk Std. Upper Limit (gm/ml)	0.70
Method	USP I	Lot No.	T-805
Results	Complies		

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)

Performed by	2580(Ganesh Sharma)
Checked by (Sign/Date)	3026(Rohit Singh) 28/04/26 09:09