

TAPPED DENSITY TEST REPORT

Product Name	TOPIRAMATE 200 MG TABLETS USP		
Batch No.	5KA0471	Department	Granulation
BFG Code No.	31004317	Date	26/02/2025
Layer	NA	Start Time	09:24:20
Method	USP II	Tap Density Tester Code No.	1183
Tapped Std. Lower Limit	0.60	Tapped Std. Upper Limit	0.80
Bulk Std. Lower Limit (gm/ml)	0.50	Bulk Std. Upper Limit (gm/ml)	0.70

1 .BULK DENSITY :

Quantity of the test sample taken(A) : 100.00 gm

The volume occupied(Vo) : 160.00 ml

$$\text{Bulk Density} = \frac{\text{Quantity of the test sample}}{(V)} = 0.63 \text{ gm/ml}$$

2 .TAPPED DENSITY :

Quantity of the test sample taken(A) : 100.00 gm

Number of tap count set : 10 + 500 + 1250

The tapped volume(V10) : 150.00 ml (Volume after 10 taps)

(V500) : 132.00 ml (Volume after 500 taps)

(V1250a) : 132.00 ml (Volume after 1250 taps)

* Note: If difference between V500 and V1250a is less than 2 ml then V1250a is the tapped volume.
If difference between V500 and V1250a exceeds 2ml,repeat in increments such as 1250 taps,until the difference between succeeding measurements is less than 2ml.

Additional 1250 taps (V1250a + V1250b) : NA ml

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

$$\text{Tapped Density} = \frac{A}{\text{V1250a or V1250b after additional 1250 taps (V1250a + V1250b) (Whichever is applicable)}} = 0.76 \text{ gm/ml}$$

Result: Complies

Done by : Sail
Date/Time : 26/02/2025, 09:24:20

Verified by : Sid
Date/Time : 26/02/2025, 17:49:22