

TAPPED DENSITY TEST REPORT

Product Name	CEFUROXIME AXETIL IP 500 MG		
Batch No.	BT435349	Department	Production
BFG Code No.	BFG-112030	Date	24.04.2026
Layer	NA	Start Time	15:26:20
Method	USP I	Tap Density Tester Code No.	TD5200
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) : 30.00 gm

The volume occupied(Vo) : 50.00 ml

Bulk Density = $\frac{\text{Quantity of the test sample}}{(V)}$ = 0.60 gm/ml

2 .TAPPED DENSITY :

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

Number of tap count set : 10 + 500 + 1250

The tapped volume(V10) : 45.00 ml (Volume after 10 taps)

(V500) : 41.00 ml (Volume after 500 taps)

(V1250a) : 38.00 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) : 31.00 ml

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

Tapped Density = $\frac{A}{V1250a \text{ or } V1250b \text{ after additional 1250 taps (V1250a + V1250b) (Whichever is applicable)}}$ = 0.78 gm/ml

Result: Complies**Done by** : Mangesh Rane**Date** : 24.04.2026