Cipla
Goa

REGULAR BULK / TAPPED DENSITY TEST REPORT

Product Name	granulation12345		
Batch No.	comp_TD1	**Department**	QC
BFG Code No.	gran123	**Date**	01.05.2024
Method	USP II	**Start Time**	10:57:42
Tapped Std. Lower Limit (gm/ml)	0.300	**Tapped Std. Upper Limit (gm/ml)**	1.800
Bulk Std. Lower Limit (gm/ml)	0.100	**Bulk Std. Upper Limit (gm/ml)**	1.900
Tapped Density Tester Code No.	TD1		

1 .BULK DENSITY :

Quantity of the test sample taken(A) : 21.00 gm

The volume occupied(Vo) : 60.0 ml

$$\text{Bulk Density} = \frac{\text{Quantity of the test sample}}{\text{(Vo)}} = 0.350 \text{ gm/ml}$$

2 .TAPPED DENSITY :

Quantity of the test sample taken(A) : 21.00 gm

Number of tap count set : 10 + 500 + 1250

The tapped volume(V10) : 57.0 ml (Volume after 10 taps)

(V500) : 54.0 ml (Volume after 500 taps)

(V1250a) : 54.0 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

$$\text{Tapped Density} = \frac{\text{A}}{\text{V1250a or V1250b after additional 1250 taps (V1250a + V1250b) (Whichever is applicable)}} = 0.389 \text{ gm/ml}$$

Result: Complies

Performed by : kumkum
Date : 01.05.2024