

BULK / TAPPED DENSITY TEST REPORT

Product Name	PARACETAMOL_50 MG		
Batch No.	IPQC-GRAN-REG2	Department	QC
BFG Code No.	PARA_TAB001	Date	19.08.2025
Method	USP II	Start Time	12:53:09
Bulk Std. Lower Limit (g/ml)	0.10	Bulk Std. Upper Limit (g/ml)	0.70
Tapped Std. Lower Limit (g/ml)	0.50	Tapped Std. Upper Limit (g/ml)	0.90
Tapped Density Apparatus Code No.	TD1		

1 .BULK DENSITY :

Quantity of the test sample taken(A) : 41.0 g

The volume occupied(Vo) : 55.0 ml

$$\text{Bulk Density} = \frac{\text{Quantity of the test sample}}{(\text{Vo})} = \frac{41.0}{55.0} = 0.745 \text{ g/ml}$$

2 .TAPPED DENSITY :

Quantity of the test sample taken(A) : 41.0 g

Number of tap count set : 10 + 500 + 1250 + 1250

The tapped volume (Va) : 52.0 ml (Volume after 10 tapping)

(Vb) : 50.0 ml (Volume after 500 Additional tapping)

(Vc) : 47.0 ml (Volume after 1250 Additional tapping)

(Vd) : 46.0 ml (Volume after 1250 Additional tapping)

* Note: If difference between Vb and Vc exceeds 2 ml ,repeat 1250 Tapping.

Additional 1250 taps (V1250b) : NA ml

$$\text{Tapped Density} = \frac{\text{Quantity of the test sample taken}}{(\text{Vc}) \text{ or } (\text{Vd})} = \frac{41.0}{46.0} = 0.891 \text{ g/ml}$$

Result: Not Complies**Remark:** 234567uiopsertyukldrtYu1234567890456789dckdfghjkl34567890567890ertui**Performed by** : kumkum**Checked by** : Tantra**Date** : 19.08.2025 & 12:53:09**Date** : 19.08.2025 & 12:57:26