WELCOME

TO



This is an Education Platform

We provide Free PDF Notes and Videos Classes for Pharmacy Students

Web Site http://www.fdspharmacy.in/

You tube https://www.youtube.com/channel/UC77iEsiuZolU4pB8WAJIR5Q

What app https://chat.whatsapp.com/IzSgXtFEvhS4LN5xhUgq5z

Telegram https://t.me/+cvxm17xSloA4MjVl

Face book https://www.facebook.com/Fdspharmacy-105764311994440/

E-mail fdspharmacyinfo@gmail.com

Diploma in Pharmacy 1st Year
Pharmaceutics
Experiment
To demonstrate the uniformity of mass test of the capsules as per the monographs.

Aim:

To demonstrate the uniformity of mass test of the capsules as per the monographs.

Reference :

‘ Dr. Gupta G.D , Dr. Sharma Shailish , Dr. Sharma Neelam’ “Practical Manual of Pharmaceutics” Published by Nirali Prakashan, Page no 156 – 158

Apparatus and Materials Required :

Capsules and weighing scale.

Theory :

In accordance with the standards mentioned in IP, BP, and PhEur, the content mass of not more than 2 capsules should deviate from the average mass by more than the percentage deviation listed in the table 6 and none of the capsules should deviate by more than twice that percentage

Table 6: IP, BP. and PhEur Limits for Uniformity of Mass

Average Mass (mg)	Percentage Deviation (%)
Less than 300	10
300 or more	7.5

Procedure :

1) In this test, a pre-weighed capsule is opened and its contents are completely removed without losing any part of the shell
2) The empty capsule shell is weighed.
3) The difference between the weight of filled and empty capsule shell gives the weight of contents.
4) This process is again performed using 19 capsules and their average mass is calculated.

Result :

The uniformity of mass test of the capsules as per the monographs were studied.

FDSPharmacy
Learn and Educate