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 study the appearance, size, shape and unique identification marking of the capsules as per the monographs.

Aim:

To study the appearance, size, shape and unique identification marking 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 149 – 151

Theory :

Parameters of pharmaceutical capsules like temperature, pressure, relative humidity, particle size, colour, fill weight, shell weight, and disintegration time are controlled by IPQC tests While the QC tests for pharmaceutical capsules are like assay, fill weight, content uniformity, mass uniformity, mass variation.

microbiological test, disintegration test, dissolution test, etc Pharmacopoeia provides a list of IPQC and QC tests to be performed for pharmaceutical capsules.

Appearance: It is essential for each and every capsule produced either on a small or a large scale to have an unvarying appearance. Visual or electronic detection is generally undertaken to detect any faults in the reliability and appearance of the capsule Existence of any unrefined changes in appearance, including hardening. softening, cracking, swelling, mottling, printing mistake, or discolouration of the shell is an indication of physical instability of product. These flawed capsules are discarded.

Size and Shape: The hard capsules are available in a variety of sizes. Few commercially available capsules of standard sizes, for human consumption, range from 000 (the largest, 1.40ml) to 5 (the smallest, 0.13ml).

Unique Identification Markings: Capsule can easily be identified through symbols or other unique markings imprinted on their surfaces.

Result :

The appearance, size, shape and unique identification marking of capsules as per the monographs were studied.

FDSPharmacy
Learn and Educate