

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>

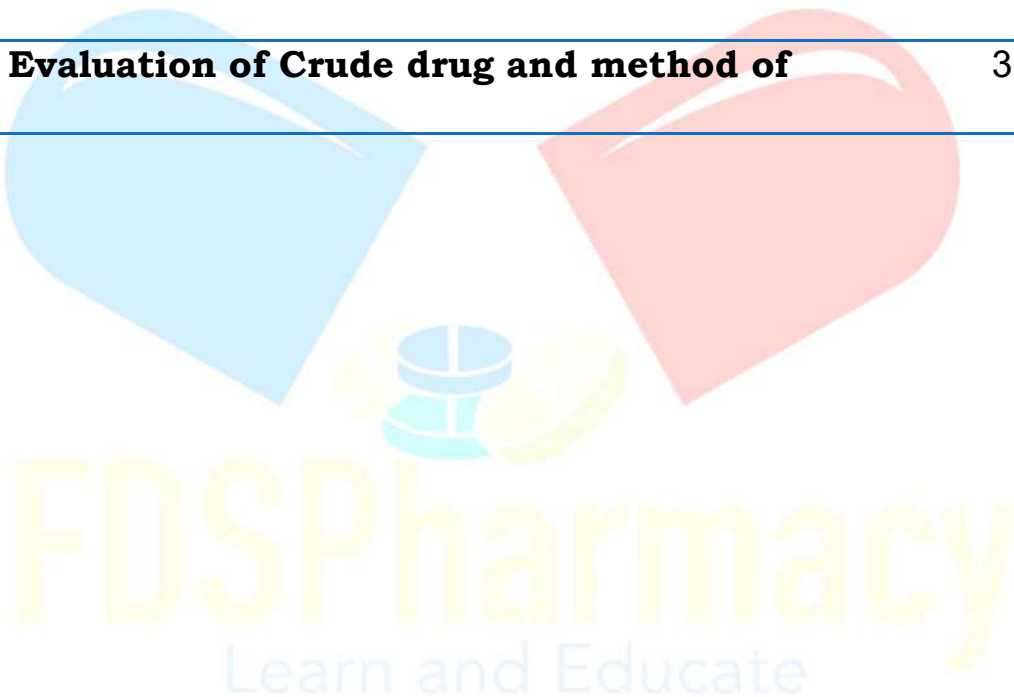
Telegram <https://t.me/+cvxm17xSloA4MjVI>

Face book <https://www.facebook.com/Fdspharmacy-10576431994440/>

E-mail fdspharmacyinfo@gmail.com

Diploma in Pharmacy 1st Year
Pharmacognosy
Important Questions
Chapter 3 : Quality control of Crude Drugs

Questions	Page No
Q1. Write brief note on Adulteration.	3
Q2. Explain Evaluation of Crude drug and method of Evaluation.	3



Chapter 3

Quality control of Crude Drugs

IMPORTANT Questions

Q1. Write brief note on Adulteration.

Ans.

Adulteration of Drugs : The term Adulteration is defined as substituting original crude drugs partially or

wholly with other similar-looking substance

Types of Adulteration : Adulteration may be of two types

Unintentional Adulteration : It occurs without any bad intention of manufacture or suppliers

Unintentional Adulteration may be due to various reasons

- Confusion in vernacular names
- Lack of Knowledge about authentic source
- Similarity in morphology
- Lack of authentic plant
- Similarity in colour
- Careless collection
- Unknown reasons

Intentional Adulteration : Intentional adulteration may be due to the following reasons:

- ♣ Adulteration using manufactured substance
- ♣ Substitution using inferior commercial varieties
- ♣ Substitution using exhausted drugs
- ♣ Adulteration using the vegetative part of the same plant
- ♣ Addition of toxic materials
- ♣ Adulteration of powders
- ♣ Addition of synthetic principles

Q2. Explain Evaluation of Crude drug and method of Evaluation.

Ans.

Evaluation of drugs Adulteration :

Evaluation of drug means confirmation of its identity and determination of its quality and purity and detection of nature of adulteration. The evaluation of a crude drug is necessary because of following reasons :

Role in identification of botanical source

- ❖ Variation in botanicals

- ❖ Quality control of crude material
- ❖ Identification of common Adulterants
- ❖ Safety Assessment documentation for toxicological activity
- ❖ Standardization of crude drugs

The method for evaluation of crude drugs are :

- Morphological or Organoleptic evaluation
- Microscopic evaluation
- Physical evaluation
- Chemical evaluation
- Biological evaluation

Evaluation of drugs Adulteration :

Evaluation of drug means confirmation of its identify and determination of its quality and purity and detection of nature of adulteration The evaluation of a crude drug is neccessary because of following reasons :

Role in identification of botanical source

- ❖ Variation in botanicals
- ❖ Quality control of crude material
- ❖ Identification of common Adulterants
- ❖ Safety Assessment documentation for toxicological activity
- ❖ Standardization of crude drugs

The method for evaluation of crude drugs are :

- Morphological or Organoleptic evaluation
- Microscopic evaluation
- Physical evaluation
- Chemical evaluation
- Biological evaluation