



Capsules

Hard gelatin capsules

5th year students/ 1st semester

Introduction P.374



Definition of Hard gelatin capsules
Advantages and Disadvantages of HGC
Materials used for production of HGC

Definition of Hard gelatin capsules

Advantages and Disadvantages of HGC

Materials used for production of HGC

Methods of production of HGC P.375-376

Dipping

Spinning

Drying

Stripping

Trimming

Joining



Moisture content
in capsules
P.376-377



Filling equipments of HGC
P.377-384

- Eli-lily Co.
- Farmatic
- Hofliger and Karg
- Zanasi
- Park-Davis

Filling Operations

P.386

Empty
Capsules
P.386

Formulations
P.389-392

- Major Considerations for capsule formulation
- Determination of amount of diluents

Finishing (dusting and Polishing)

Pan polishing
P.393

Cloth dusting
P.393

Brushing
P.394

Storage
P.394

Special Techniques

P.395-396

Imprinting

Special purpose capsules



**Thank
You
For
Listening!**