



Hard two-piece HPMC capsules
for pharmaceutical applications

The first vegetal capsule for pharmaceutical applications, setting the trend in market preference



Pharmaceutical Grade



Preservative Free
QUALICAPS® INNOVATION



100% Vegetal Origin
QUALICAPS® INNOVATION



Gelatin Equivalent
Dissolution Profile



Minimal Brittleness



100% Automatic
Camera Inspection
QUALICAPS® INNOVATION

COMPOSITION

- Polymer
(*Hypromellose*)
- Gelling agent
(*Carrageenan*)
- Gelling promoter
(*Potassium Chloride*)
- Dyes

MAIN FEATURES

- Quick and predictable dissolution profile for rapid dissolving drug products
- Lower moisture content and water permeability than gelatin
- Physically stable, with better performance than gelatin in terms of brittleness
- Chemically stable and does not undergo crosslinking reactions
- Qualicaps® also offers TiO₂-free capsules upon request
- An even lower moisture content version is available:

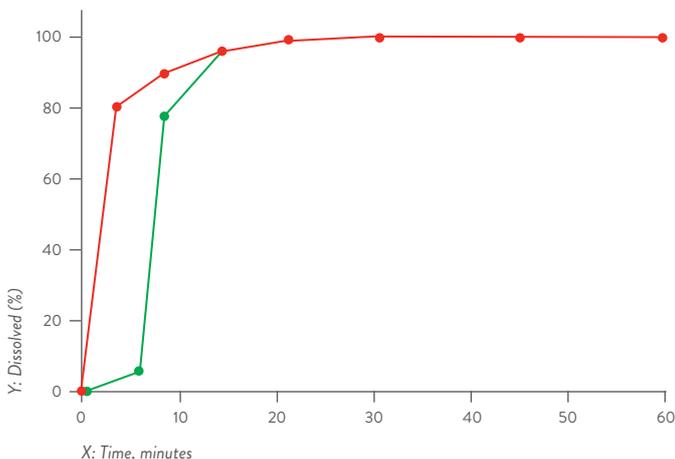
MOISTURE CONTENT

4.0% – 6.0%



DISSOLUTION PROFILE

Quali-V® capsules are equivalent in their dissolution profile to traditional hard gelatin capsules.



Capsule fill formulation: *Acetaminophen 50mg, Lactose 175mg*
Fill weight: *250mg (Size 1 capsule)*
Dissolution test method: *Paddle at 50 rpm*

— Quali-G™
— Quali-V®



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