



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:

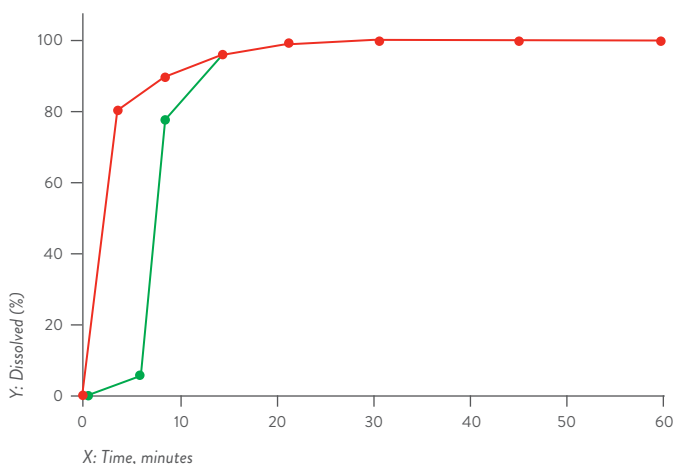
MOISTURE CONTENT

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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