



Hard two-piece HPMC capsules
for pharmaceutical applications

The low moisture hard two-piece HPMC capsule for delivering hygroscopic pharmaceutical drugs



Pharmaceutical Grade



Preservative Free
QUALICAPS® INNOVATION



100% Vegetal Origin
QUALICAPS® INNOVATION



Lower Moisture Content
(2.0 - 3.5%)



Standard HPMC Equivalent
Dissolution Profile



Inhalation Grade
QUALICAPS® INNOVATION







Chemically Inert



Minimal Brittleness

COMPOSITION

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

MAIN FEATURES

- Maintain their physical stability and show minimal brittleness when exposed to ambient conditions with low humidity
- Chemically stable and does not undergo crosslinking reactions, making them ideal for drug development
- Ideal for moisture-sensitive and hygroscopic pharmaceutical drugs
- An inhalation grade is available:

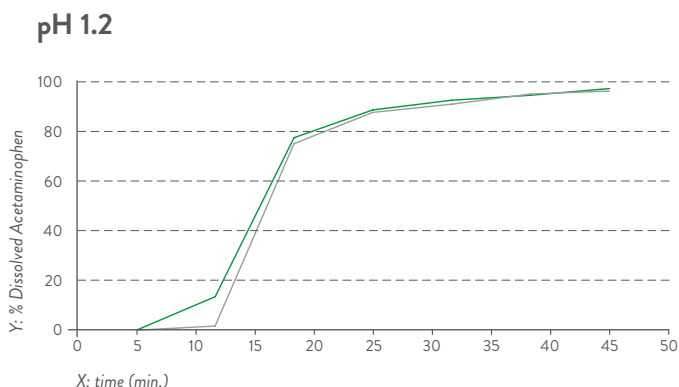


MOISTURE CONTENT

2.0% – 3.5%

DISSOLUTION PROFILE

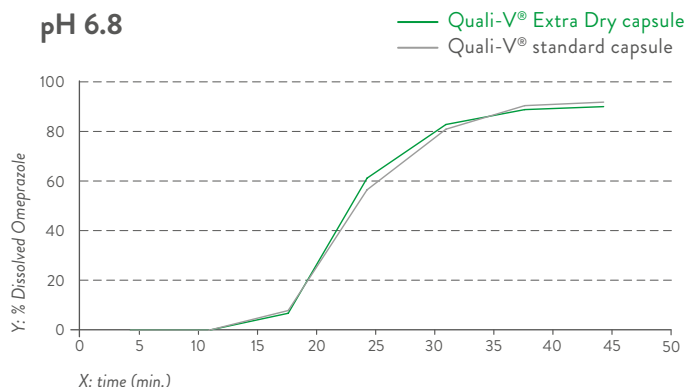
Quali-V® Extra Dry capsules comply with the **USP dissolution test requirements**
(≥ 80% dissolved Acetaminophen at 45 min. / ≥ 80% dissolved Omeprazole at 45 min.)



Capsule fill formulation: Acetaminophen

Capsules: Size 3 (n=6)

Dissolution method: Paddle at 50 rpm – “Acetaminophen Capsules”
USP monograph



Capsule fill formulation: Omeprazole pellets

Capsules: Size 3 (n=6)

Dissolution method: Paddle at 50 rpm – “Omeprazole Delayed-Release Capsules” USP monograph

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