



Hard two-piece HPMC capsules
for pharmaceutical applications



INHALATION GRADE

The first HPMC capsule with properties specific
to inhalation commercialized in the pharmaceutical
marketplace



Pharmaceutical Grade



Strict Microbiological Control



Better Aerosolization



Superior Puncturing Properties



Inner Surface Control



Reduced Powder Adhesion



100% Automatic Camera Inspection
QUALICAPS[®] INNOVATION

COMPOSITION



Polymer
(Hypromellose)



Gelling agent
(Carrageenan)



Gelling promoter
(Potassium Chloride)



Dyes

MOISTURE CONTENT

4.5% – 6.5%

MAIN FEATURES

- Specifically designed for use in dry powder inhalers (DPIs) for moisture-sensitive formulations
- Moisture content slightly higher than Quali-V[®] for optimized puncturing
- Control of internal lubrication for enhanced aerosolization
- Complies with strict microbiological requirements
- Available in three sizes (size 3, the most common in inhalation, and sizes 2 and 0 for higher doses) and in a wide range of translucent colors, developed in-house and made using market-accepted colorants
- An even lower moisture content version is available:

**Quali-V[®]
Extra Dry**

