

QUINIC ACID

Buchler specification

APPEARANCE

White or almost white or colourless, fine, silky needles, often in clusters

PARAMETER

LIMIT

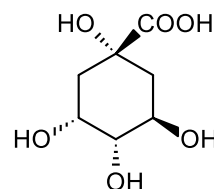
Identification A. HPLC	passes
Appearance of solution	clear
Loss on drying	≤ 2.0 %
Specific optical rotation (on dry basis, c = 10.0 in H ₂ O, [α] ²⁰ _D)	- 42 ° to - 45 °
Sulfates	≤ 500 ppm
Calcium	no turbidity produced
Sulfated ash	≤ 0.1 %
Assay (on dry basis)	98 to 101 %
Melting point	162 to 166 °C
Residual solvents	meets the pharmacopoeial requirements

ORIGIN

Product is made in Germany.

CHEMICAL DATA

Formula C₇H₁₂O₆
CAS Number 77-95-2



STANDARD PACKAGING

25 kg Unit
Outer container Fiber drum
Outer liner LDPE
Inner liner LDPE

STABILITY

Product is stable for 5 years from date of production if stored under recommended conditions in original packaging.

STORAGE

Store in the original packaging to protect from light. No specific temperature requirements.

VERSION / VALID FROM

02 / 12.05.2022