

DIHYDROQUININE BASE

Buchler specification (Fine chemical)

APPEARANCE

White or almost white, crystalline powder or fine, colourless needles

PARAMETER

LIMIT

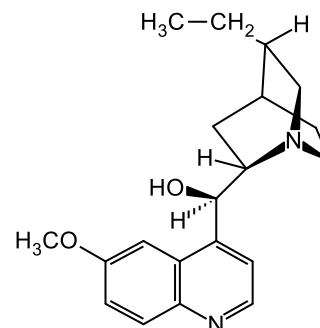
Identification by HPLC	passes
Water content (Karl Fischer)	≤ 1.0 %
Specific optical rotation (on dry basis, c = 2.0 in MeOH, [α] ²⁰ _D)	- 140° to - 152°
Cinchona alkaloids (HPLC Area%)	
Dihydroquinine	≥ 95.0 %
Quinine	≤ 5.0 %
Sum of other impurities	≤ 1.5 %
Assay (on dry basis)	≥ 98.0 %
Sulfates	≤ 1000 ppm
Chlorides	≤ 1000 ppm

ORIGIN

Product is made in the European Union.

CHEMICAL DATA

Formula C₂₀H₂₆N₂O₂
CAS Number 522-66-7



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

03 / 11.08.2023