

QUININE DIHYDROCHLORIDE

BP 2022

APPEARANCE

White or almost white powder

PARAMETER

LIMIT

Identification A. TLC / B. Chloride test	passes
pH	2.0 to 3.0
Loss on drying	≤ 3.0 %
Specific optical rotation (on dry basis, c = 3.0 in 0.1 M HCl, $[\alpha]^{20}_D$)	- 223 ° to - 229 °
Other Cinchona alkaloids (HPLC)	
Dihydroquinine	≤ 10.0 %
Any other impurity eluted before Quinine	≤ 5.0 %
Any other impurity	≤ 2.5 %
Sulfates	≤ 1200 ppm
Barium	no turbidity produced
Sulfated ash	≤ 0.1 %
Assay (on dry basis)	99.0 to 101.0 %
Residual solvents	meets the pharmacopoeial requirements

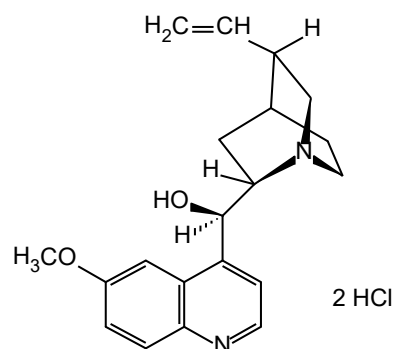
ORIGIN

Product is made in Germany.

CHEMICAL DATA

Formula $C_{20}H_{24}N_2O_2 \cdot 2HCl$

CAS Number 60-93-5



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

01 / 07.04.2022