

QUININE BISULFATE

BP 2022

APPEARANCE

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

PARAMETER

LIMIT

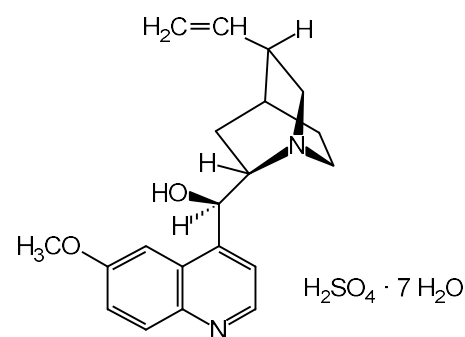
Identification A. TLC / B. Sulfate test	passes
pH	2.8 to 3.4
Water	19.0 to 25.0 %
Specific optical rotation (on dry basis, c = 3.0 in 0.1 M HCl, $[\alpha]^{20}_D$)	- 208 ° to - 216 °
Other Cinchona alkaloids (HPLC)	
Dihydroquinine	≤ 10.0 %
Any other impurity eluted before Quinine	≤ 5.0 %
Any other impurity	≤ 2.5 %
Sulfated ash	≤ 0.1 %
Titrateable cation	75.3 to 79.6 %
Assay (on dry basis)	98.5 to 101.5 %
Residual solvents	meets the pharmacopoeial requirements

ORIGIN

Product is made in Germany.

CHEMICAL DATA

Formula $C_{20}H_{24}N_2O_2 \cdot H_2SO_4 \cdot 7H_2O$
CAS Number 549-56-4



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