

DIHYDROQUININE HYDROBROMIDE

Buchler specification (Pharma)

APPEARANCE

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

PARAMETER

LIMIT

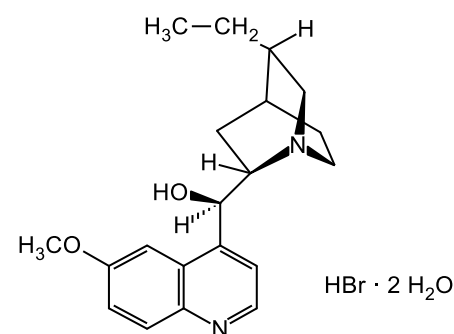
Identification A. Optical rotation / B. Bromine test / C. Retention time - HPLC	passes
Appearance of solution	clear and $\leq Y_6$
Chloroform-alcohol-insoluble substances	$\leq 0.1 \%$
pH	5.7 – 7.0
Water	$\leq 8.0 \%$
Specific optical rotation (on dry basis, $c = 1.0$ in H_2O , $[\alpha]^{20}_D$)	- 105 ° to - 117 °
Other Cinchona alkaloids (HPLC) Σ Quinine + Apoquinine Any other impurity	$\leq 5.0 \%$ $\leq 1.5 \%$
Sulfates	≤ 500 ppm
Chlorides	≤ 300 ppm
Sulfated ash	$\leq 0.1 \%$
Platinum	≤ 10 ppm
Assay (on dry basis)	99.0 to 101.0 %
Residual solvents	meets the pharmacopoeial requirements

ORIGIN

Product is made in Germany.

CHEMICAL DATA

Formula $C_{20}H_{26}N_2O_2 \cdot HBr \cdot 2H_2O$
CAS Number 85153-19-1



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