

# CINCHONINE BASE

## Buchler specification

### APPEARANCE

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

### PARAMETER

### LIMIT

Identification	passes
A. Retention time - HPLC	
Chloroform-alcohol-insoluble substances	≤ 0.1 %
Loss on drying	≤ 1.0 %
Specific optical rotation (on dry basis, c = 2.0 in 0.2 M HCl, $[\alpha]^{20}_D$ )	+ 251 ° to + 269 °
Other Cinchona alkaloids (HPLC)	
∑ Quinine + Dihydroquinine	≤ 3.0 %
∑ Quinidine + Dihydroquinidine	≤ 3.0 %
Sulfates	≤ 500 ppm
Chlorides	≤ 200 ppm
Sulfated ash	≤ 0.1 %
Heavy metals	≤ 10 ppm
Assay (on dry basis)	98.5 to 101.0 %
Residual solvents	meets the pharmacopoeial requirements

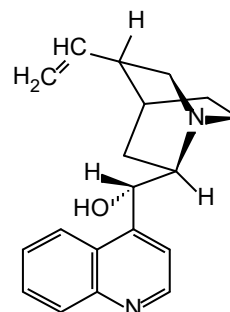
### ORIGIN

Product is made in Germany.

### CHEMICAL DATA

Formula C<sub>19</sub>H<sub>22</sub>N<sub>2</sub>O

CAS Number 118-10-5



### 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