

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-07-03 11:01:21
Date of Next Testing: 2029-07-02 11:01:21
Product Name: **(+)-Cinchonine**
CAS Number: 118-10-5
Specifications & Purity: $\geq 98\%$
Lot #: K2123247
SKU #: **C106926**
Version: **0**
Analysis #: **536438**
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.06080 %
Purity(HPLC) (~85% Cinchonine+~15% dihydrocinchonine)	98-100 (%)	99.64000 %
Quinidine	0-3 (%)	0.08900 %
Specific Rotation $[\alpha]_{20/D}$ (c=0.5 in EtOH)	218-228 (°)	227.11800 °
Sulfate Ash	0-0.1 (%)	0.09800 %
Quinine	0-3 (%)	0.19800 %
Purity(Nonaqueous Titration)	98-100 (%)	98.98000 %
Appearance (C106926)	white to grey powder or crystals	white to grey powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

