

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

Certificate of Analysis

Date of Testing: 2026-06-08 10:20:39
Date of Next Testing: 2030-06-07 10:20:39
Product Name: **(+)-Cinchonine**
CAS Number: 118-10-5
Specifications & Purity: Moligand™, ≥98%
Lot #: F2604126
SKU #: **C106926**
Version: **0**
Analysis #: **677451**
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.32500 %
Purity(HPLC) (~85% Cinchonine+~15% dihydrocinchonine)	98-100 (%)	98.63700 %
Quinidine	0-3 (%)	0.01420 %
Sulfate Ash	0-0.1 (%)	0.02350 %
Quinine	0-3 (%)	0.12400 %
Purity(Nonaqueous Titration)	98-100 (%)	98.54000 %
Specific Rotation[α] _{20/D} (c=0.5 in EtOH)	218-228 (°)	227.16000 °
Appearance (C106926)	white to grey powder or crystals	white to grey powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

