

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-28 16:46:11

Date of Next Testing: 2027-08-27 16:46:11

Product Name: **Cinchonidine Dihydrochloride**

CAS Number: 24302-67-8

Specifications & Purity: $\geq 98\%$

Lot #: H2324252

SKU #: **C120977**

Version: **1**

Analysis #: **262294**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=0.4 \text{ in H}_2\text{O})$	-150--140 (°)	-142.18400 °
Purity (Argentmetric Titration)	97.5-102.5 (%)	101.36000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager