

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-28 16:44:42
Date of Next Testing: 2027-08-27 16:44:42
Product Name: **Cinchonidine Dihydrochloride**
CAS Number: 24302-67-8
Specifications & Purity: 98%
Lot #: H2324218
SKU #: **C120977**
Analysis: **262294**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=0.4 \text{ in H}_2\text{O})$	-150--140 (°)	-142.18 °
Purity (Argentometric Titration)	97.5-102.5 (%)	101.36 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager