

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-01 17:09:21

Date of Next Testing: 2029-08-31 17:09:21

Product Name: **Cinchonidine**

CAS Number: 485-71-2

Specifications & Purity: Moligand™, ≥98%

Lot #: H2521306

SKU #: **C109632**

Version: **1**

Analysis #: **533535**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)(calcd.on anh.substance)	97.5-102.5 (%)	99.29000 %
Loss on drying	0-1 (%)	0.00000 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.03250 %
Specific Rotation [α] _{20/D} (c=1 in EtOH)	-115--105 (°)	-108.74600 °
Melting point	198-202 (°C)	201.61000 °C
Appearance (C109632)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager