

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-29 10:10:20
Date of Next Testing: 2028-04-28 10:10:20
Product Name: **Cinchonidine**
CAS Number: 485-71-2
Specifications & Purity: 98%
Lot #: D2423057
SKU #: **C109632**
Analysis: **113178**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)(calcd.on anh.substance)	97.5-102.5 (%)	100.07 %
Loss on drying	0-1 (%)	0.80 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.09 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-115--105 (°)	-108.33 °
Melting point	198-202 (°C)	201.89000 °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