

Certificate of Analysis

Date of Testing: 2022-02-22 16:46:16

Date of Next Testing: 2026-02-21 16:46:16

Product Name: **Cinchonidine**

CAS Number: 485-71-2

Specifications & Purity: 98%

Lot #: D1816118

SKU #: **C109632**

Analysis: 076696

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)(calcd.on anh.substance)	97.5-102.5 (%)	97.99%
Melting point	198-202 (°C)	201.02000 °C
Loss on drying	0-1 (%)	0.11 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.03 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-115--105 (°)	-114.69 °
Appearance (C109632)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals



John Su
QA & QC Manager