

Certificate of Analysis

Date of Testing: 2023-06-15 16:52:58

Date of Next Testing: 2026-06-14 16:52:58

Product Name: **(+)-DIP-Chloride™**

CAS Number: 112246-73-8

Specifications & Purity: 90-105% (approx.)

Lot #: F2310161

SKU #: **D466977**

Analysis: **222588**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Assay(Titration by AgNO ₃)	90-105 (%)	94.30 %
Specific Rotation [α] ₂₀ /D(C=1%, Pentane)	60.0-70.0 (°)	62.30000°
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(D466977)	White Powder, Waxy Solid or Waxy Crystals	White Powder, Waxy Solid or Waxy Crystals



John Su
QA & QC Manager