

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-25 11:27:35

Date of Next Testing: 2027-03-24 11:27:35

Product Name: (R)-(+)-alpha,alpha-Diphenylprolinol

CAS Number: 22348-32-9

Specifications & Purity: ≥99%

Lot #: C2321955

SKU #: A120754

Version: 1

Analysis #: 197297

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.80000 %
Specific Rotation [α] ₂₀ /D(c=2 in MeOH)	55-61 (°)	56.85900 °
Purity(HPLC)	99-100 (%)	99.70300 %
Melting point	77-80 (°C)	78.90000 °C
Appearance (A120754)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in CHCl ₃	almost transparency	almost transparency
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager