

Certificate of Analysis

Date of Testing: 2024-10-08 14:23:22

Date of Next Testing: 2028-10-07 14:23:22

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

CAS Number: 22348-32-9

Specifications & Purity: 99%

Lot #: I2419086

SKU #: A120754

Version: 1

Analysis #: 370070

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.05000 %
Specific Rotation [a] ₂₀ /D(c=2 in MeOH)	55-61 (°)	56.81°
Melting point	77-80 (°C)	79.81000 °C
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.00 %
Appearance (A120754)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃	almost transparency	almost transparency



John Su
QA & QC Manager