

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-12 16:45:35
 Date of Next Testing: 2027-06-11 16:45:35
 Product Name: (1S,2S)-(-)-1,2-Diphenyl-1,2-ethanediamine
 CAS Number: 29841-69-8
 Specifications & Purity: ≥98%
 Lot #: F2306371
 SKU #: S115656
 Version: 2
 Analysis #: 225846
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-106--98 (°)	-102.77600 °
Purity(Nonaqueous Titration)	97.5-102.5 (%)	100.83200 %
Melting point	81-85 (°C)	81.54000 °C
Optical purity(ee)	98-100 (%)	99.62000 %
Purity(HPLC)	98-100 (%)	98.63600 %
Appearance (S115656)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager