

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-06 17:33:52
 Date of Next Testing: 2028-08-05 17:33:52
 Product Name: (1S,2S)-(-)-1,2-Diphenyl-1,2-ethanediamine
 CAS Number: 29841-69-8
 Specifications & Purity: ≥98%
 Lot #: H2402651
 SKU #: S115656
 Version: 2
 Analysis #: 339856
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.86000 %
Melting point	81-85 (°C)	83.50000 °C
Purity(HPLC)	98-100 (%)	98.01400 %
Optical purity(ee)	98-100 (%)	98.00000 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-106--98 (°)	-100.25000 °
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (S115656)	White to Yellow Powder	White to Yellow Powder



John Su
QA & QC Manager