

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-04-14 16:45:17
 Date of Next Testing: 2026-04-13 16:45:17
 Product Name: (1S,2S)-(-)-1,2-Diphenyl-1,2-ethanediamine
 CAS Number: 29841-69-8
 Specifications & Purity: ≥98%
 Lot #: D2213016
 SKU #: S115656
 Version: 2
 Analysis #: 069144
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.55200 %
Melting point	81-85 (°C)	82.04000 °C
Optical purity(ee)	98-100 (%)	98.96000 %
Purity(HPLC)	98-100 (%)	99.92600 %
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	-106--98 (°)	-98.04700 °
Appearance (S115656)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager