

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-16 14:07:19

Date of Next Testing: 2029-10-15 14:07:19

Product Name: (1S,2S)-(+)-1,2-Diaminocyclohexane

CAS Number: 21436-03-3

Specifications & Purity: ≥98%

Lot #: A2206754

SKU #: D102251

Version: 0

Analysis #: 587885

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=5 in 1mol/L HCl)	24-27 (°)	24.93000 °
Purity(GC)	98-100 (%)	99.22000 %
Enantiometric Excess	98.5-100 (%)	99.80000 %
Melting point	41-45 (°C)	44.90000 °C
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.20000 %
Appearance (D102251)	white to beige powder or crystals	white to beige powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager