

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-27 14:40:55
Date of Next Testing: 2029-08-26 14:40:55
Product Name: **(1S,2S)-(+)-1,2-Diaminocyclohexane**
CAS Number: 21436-03-3
Specifications & Purity: $\geq 98\%$
Lot #: A1829038
SKU #: **D102251**
Version: **0**
Analysis #: **560290**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=5 in 1mol/L HCl)	24-27 (°)	24.10000 °
Purity(GC)	98-100 (%)	99.98000 %
Enantiometric Excess	98.5-100 (%)	98.55000 %
Melting point	41-45 (°C)	44.90000 °C
Purity(Nonaqueous Titration)	97.5-102.5 (%)	98.10000 %
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