

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-12 11:18:09
 Date of Next Testing: 2029-03-11 11:18:09
 Product Name: **(1S,2S)-(+)-1,2-Diaminocyclohexane**
 CAS Number: 21436-03-3
 Specifications & Purity: $\geq 98\%$
 Lot #: C2507349
 SKU #: **D102251**
 Version: **0**
 Analysis #: **484112**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in } 1\text{mol/L HCl})}$	24-27 (°)	25.56100 °
Purity(GC)	98-100 (%)	99.87000 %
Enantiometric Excess	98.5-100 (%)	99.58300 %
Melting point	41-45 (°C)	41.80000 °C
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.63000 %
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