

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-30 15:51:25
 Date of Next Testing: 2029-06-29 15:51:25
 Product Name: (1S,2S)-(+)-1,2-Diaminocyclohexane
 CAS Number: 21436-03-3
 Specifications & Purity: ≥98%
 Lot #: F2519436
 SKU #: D102251
 Version: 0
 Analysis #: 518907
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.72700 %
Enantiometric Excess	98.5-100 (%)	99.53600 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	97.71000 %
Specific Rotation [α] _{20/D(c=5 in 1mol/L HCl)}	24-27 (°)	26.95000 °
Melting point	41-45 (°C)	41.01000 °C
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