

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-30 13:02:44
Date of Next Testing: 2029-10-29 13:02:44
Product Name: **(1S,2S)-(+)-1,2-Diaminocyclohexane**
CAS Number: 21436-03-3
Specifications & Purity: $\geq 98\%$
Lot #: J2524057
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 $[\alpha]_{20/D}(c=5 \text{ in } 1\text{mol/L HCl})$	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