

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-04 16:40:04
 Date of Next Testing: 2028-07-03 16:40:04
 Product Name: (1R,2R)-(+)-1,2-Diaminocyclohexane L-tartrate
 CAS Number: 39961-95-0
 Specifications & Purity: ≥98%
 Lot #: F2427419
 SKU #: D115662
 Version: 0
 Analysis #: 356996
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	44-46.1 (%)	45.28300 %
Specific Rotation [α] ₂₀ /D(c=2.5 in H ₂ O)	10-13 (°)	12.46000 °
Nitrogen by Elemental Analysis	9.9-10.9 (%)	10.59200 %
Purity(Neutralization titration)	98-100 (%)	98.67000 %
Appearance (D115662)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager