

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-18 15:46:54
 Date of Next Testing: 2029-07-17 15:46:54
 Product Name: (1R,2R)-(-)-1,2-Diaminocyclohexane
 CAS Number: 20439-47-8
 Specifications & Purity: ≥98%
 Lot #: I2130228
 SKU #: D102252
 Version: 0
 Analysis #: 543443
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.06000 %
Specific Rotation [α] ₂₀ /D(c=5 in 1mol/L HCl)	-27--24 (°)	-24.01000 °
Purity(Titration by HClO ₄)	97.5-102.5 (%)	99.25000 %
Melting point	41-45 (°C)	41.70000 °C
Appearance (D102252)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager