

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-16 11:06:28
Date of Next Testing: 2030-05-15 11:06:28
Product Name: **(1R,2R)-(-)-1,2-Diaminocyclohexane**
CAS Number: 20439-47-8
Specifications & Purity: $\geq 98\%$
Lot #: E2613269
SKU #: **D102252**
Version: **0**
Analysis #: **707085**
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.34800 %
Specific Rotation [a] _D 20/D(c=5 in 1mol/L HCl)	-27--24 (°)	-24.23500 °
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.51000 %
Melting point	41-45 (°C)	44.81000 °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