

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-16 09:59:14

Date of Next Testing: 2029-04-15 09:59:14

Product Name: **(1R,2R)-(-)-1,2-Diaminocyclohexane**

CAS Number: 20439-47-8

Specifications & Purity: $\geq 99\%$

Lot #: D2511419

SKU #: **D579480**

Version: **2**

Analysis #: **488659**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.89400 %
Purity(Titration by HClO ₄)	98.5-102.5 (%)	99.23000 %
Melting point	41-45 (°C)	44.20000 °C
Specific Rotation [α] ₂₀ /D(c=5 in 1 M HCl)	-27--24 (°)	-24.38100 °
Appearance(D579480)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager