

Certificate of Analysis

Date of Testing: 2024-11-04 11:51:43

Date of Next Testing: 2028-11-03 11:51:43

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

CAS Number: 20439-47-8

Specifications & Purity: ≥98%

Lot #: A2122197

SKU #: D102252

Version: 0

Analysis #: 429943

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

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.16 %
Specific Rotation [α] ₂₀ /D(c=5 in 1mol/L HCl)	-27--24 (°)	-24.01 °
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.15 %
Melting point	41-45 (°C)	42.39600 °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