

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-12-19 19:03:47

Date of Next Testing: 2028-12-18 19:03:47

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

CAS Number: 20439-47-8

Specifications & Purity: 98%

Lot #: L2417578

SKU #: S63159

Version: 0

Analysis #: 452690

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

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.59 %
Specific Rotation [α] _{20/D} (c=5 in 1mol/L HCl)	-27--24 (°)	-24.36 °
Purity(Titration by HClO ₄)	97.5-102.5 (%)	100.02 %
Melting point	41-45 (°C)	43.59000 °C
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(S63159)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zou

