

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-01-03 17:18:58

Date of Next Testing: 2029-01-02 17:18:58

Product Name: (1S,2S)-(+)-1,2-Diaminocyclohexane

CAS Number: 21436-03-3

Specifications & Purity: 98%

Lot #: L2424061

SKU #: S44552

Version: 0

Analysis #: 458585

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

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=5 in 1mol/L HCl)	24-27 (°)	24.93°
Purity(GC)	98-100 (%)	99.22%
Enantiometric Excess	98.5-100 (%)	99.87%
Melting point	41-45 (°C)	44.98000 °C
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.25%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(S44552)	white to beige powder or crystals	white to beige powder or crystals

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

