

Certificate of Analysis

Date of Testing: 2025-05-19 09:55:11

Date of Next Testing: 2029-05-18 09:55:11

Product Name: (S)-(-)-1-(1-Naphthyl)ethylamine

CAS Number: 10420-89-0

Specifications & Purity: $\geq 99\%$

Lot #: E2515497

SKU #: N122375

Version: 1

Analysis #: 494922

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

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	98.5-101.5 (%)	98.60 %
Density (20°C)	1.066-1.069	1.07
Refractive index n ₂₀ /D	1.621-1.624	1.62
Specific Rotation [α] ₂₀ /D(c=Neat)	-82--79 (°)	-80.26 °
Purity(GC)	99-100 (%)	99.15 %
Enantiometric Excess	98-100 (%)	98.50 %
Appearance (N122375)	colorless to yellow to brown liquid	colorless to yellow to brown liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager