

Certificate of Analysis

Date of Testing: 2023-07-20 14:04:58
Date of Next Testing: 2027-07-19 14:04:58
Product Name: **(S)-(-)-1-(1-Naphthyl)ethylamine**
CAS Number: 10420-89-0
Specifications & Purity: 99%
Lot #: G23131070
SKU #: **N122375**
Analysis: **213222**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	98.5-101.5 (%)	100.58 %
Density (20°C)	1.066-1.069	1.07
Refractive index n ₂₀ /D	1.621-1.624	1.62
Enantiometric Excess	98-100 (%)	99.52 %
Specific Rotation [α] ₂₀ /D(c=Neat)	-82--79 (°)	-81.56 °
Purity(GC)	99-100 (%)	99.26 %
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