

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-07-20 14:57:54
Date of Next Testing:	2027-07-19 14:57:54
Product Name:	(S)-(-)-1-(1-Naphthyl)ethylamine
CAS Number:	10420-89-0
Specifications & Purity:	99%
Lot #:	G23131068
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