

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-20 15:01:39
Date of Next Testing: 2027-07-19 15:01:39
Product Name: **(S)-(-)-1-(1-Naphthyl)ethylamine**
CAS Number: 10420-89-0
Specifications & Purity: 99%
Lot #: G23131082
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