

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-30 16:42:23

Date of Next Testing: 2027-10-29 16:42:23

Product Name: (S)-(-)-1-Phenylethylamine

CAS Number: 2627-86-3

Specifications & Purity: ≥99%(GC)

Lot #: J2320516

SKU #: M105679

Version: 1

Analysis #: 283303

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

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.65000 %
Refractive index n ₂₀ /D	1.525-1.528	1.52680
Specific Rotation [α] ₂₀ /D(c=Neat)	-41--37 (°)	-37.02000 °
Enantiometric Excess	98-100 (%)	98.20000 %
Purity(GC)	99-100 (%)	99.36200 %
Density (20°C)	0.951-0.956	0.95600
Appearance (M105679)	Colorless to Very Light Yellow liquid	Colorless to Very Light Yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager