

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-05-22 09:34:47
Date of Next Testing:	2027-05-21 09:34:47
Product Name:	(S)-(-)-1-Phenylethylamine
CAS Number:	2627-86-3
Specifications & Purity:	≥99%(GC)
Lot #:	E2309727
SKU #	M105679
Version	1
Analysis #:	162445
Storage Temperature:	Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.61%
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.81%
Refractive index n ₂₀ /D	1.525-1.528	1.53
Density (20°C)	0.951-0.956	0.95
Enantiometric Excess	99-100 (%)	99.01%
Specific Rotation [α] ₂₀ /D(c=Neat)	-41--37 (°)	-37.01°
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