

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-17 18:17:30

Date of Next Testing: 2025-04-16 18:17:30

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

CAS Number: 3789-59-1

Specifications & Purity: ≥99%, ≥99%(ee)

Lot #: D2312638

SKU #: S135110

Version: 1

Analysis #: 205451

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

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.20600 %
Enantiometric Excess	99-100 (%)	99.65000 %
Density (20°C)	0.943-0.947	0.94500
Specific Rotation [α] ₂₀ /D(c=1 in CHCL ₃)	-19--16 (°)	-17.62200 °
Appearance (S135110)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager