

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-15 10:44:36
Date of Next Testing: 2027-01-15 10:44:36
Product Name: **(S)-(-)-1-Phenylpropylamine**
CAS Number: 3789-59-1
Specifications & Purity: $\geq 99\%$, $\geq 99\%$ (ee)
Lot #: D2312628
SKU #: **S135110**
Version: **1**
Analysis #: **463133**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.20 %
Enantiometric Excess	99-100 (%)	99.65 %
Density (20°C)	0.943-0.947	0.94
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	-19--16 (°)	-17.62 °
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