

## Certificate of Analysis

Date of Testing: 2024-02-22 14:13:33  
Date of Next Testing: 2026-02-21 14:13:33  
Product Name: **(R)-(+)-1-Phenylpropylamine**  
CAS Number: 3082-64-2  
Specifications & Purity:  $\geq 99\%$ , ee 98%  
Lot #: A2431253  
SKU #: **R138647**  
**Analysis:** **311474**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity	99-100 (%)	99.56 %
Specific Rotation [a] <sub>D</sub> 20/D(c=Neat)	18-22 (°)	18.03°
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms
Appearance (R138647)	Colorless to light yellow liquid	Colorless to light yellow liquid



John Su  
QA & QC Manager