

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-17 13:47:17  
Date of Next Testing: 2026-10-16 13:47:17  
Product Name: **(S)-(-)-1-Phenyl-1-butanol**  
CAS Number: 22135-49-5  
Specifications & Purity: 98% , 98%ee  
Lot #: J2313439  
SKU #: **S468962**  
**Analysis: 279893**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.24 %
Enantiomeric Excess	98-100 (%)	99.45130 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
GC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager