

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-07 11:10:57

Date of Next Testing: 2026-10-06 11:10:57

Product Name: **(R)-(+)-1-Phenyl-1-butanol**

CAS Number: 22144-60-1

Specifications & Purity: $\geq 97\%$

Lot #: I2325181

SKU # **R468963**

Version **1**

Analysis #: **270915**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.15400 %
Water by Karl Fischer	0-0.5 (%)	0.43240 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	47-53 (°)	50.93700 °
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
GC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager