

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-12 09:05:40

Date of Next Testing: 2027-09-12 09:05:40

Product Name: **(S)-(+)-4-Phenyl-2-butanol**

CAS Number: 22148-86-3

Specifications & Purity: $\geq 98\%$

Lot #: B1913029

SKU #: **I168710**

Version: **0**

Analysis #: **410118**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.10000 %
Optical purity(ee)	98-100 (%)	98.01000 %
Refractive index $n_{20/D}$	1.515-1.519	1.51700
Appearance (I168710)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager