

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-16 13:14:35

Date of Next Testing: 2026-06-15 13:14:35

Product Name: (S)-(-)-1,2-Epoxybutane

CAS Number: 30608-62-9

Specifications & Purity: $\geq 98\%$

Lot #: F2213448

SKU #: E123068

Version: 1

Analysis #: 092721

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.381-1.386	1.38450
Purity(GC)	98-100 (%)	99.55600 %
Density (20°C)	0.835-0.839	0.83700
Specific Rotation [α] _{20/D} (c=Neat)	-11--9 (°)	-9.01000 °
Appearance (E123068)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager