

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-17 14:39:46
 Date of Next Testing: 2029-04-16 14:39:46
 Product Name: (R)-(+)- α -Hydroxy- γ -butyrolactone
 CAS Number: 56881-90-4
 Specifications & Purity: $\geq 96\%$
 Lot #: D2507698
 SKU #: R591020
 Version: 1
 Analysis #: 486268
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	99.96100 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in CHCL}_3)}$	67-76 (°)	75.33100°
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager