

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-16 10:18:01  
Date of Next Testing: 2027-06-15 10:18:01  
Product Name: **(R)-(+)- $\alpha$ -Hydroxy- $\gamma$ -butyrolactone**  
CAS Number: 56881-90-4  
Specifications & Purity: 96%  
Lot #: F2309665  
SKU #: **R591020**  
**Analysis: 242019**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	96.52 %
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in CHCL <sub>3</sub> )	67-76 (°)	72.45 °
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager