

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-06 14:02:48
Date of Next Testing: 2029-08-05 14:02:48
Product Name: **(S)- β -Hydroxy- γ -butyrolactone**
CAS Number: 7331-52-4
Specifications & Purity: $\geq 96\%$
Lot #: G2530356
SKU #: **H107941**
Version: **3**
Analysis #: **552054**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.462-1.466	1.46430
Specific Rotation [a] ₂₀ /D(c=2 in EtOH)	-85--81 (°)	-84.59800°
Purity(GC)	96-100 (%)	99.52900%
Appearance (H107941)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager