

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-18 09:50:17

Date of Next Testing: 2027-07-17 09:50:17

Product Name: **(S)- β -Hydroxy- γ -butyrolactone**

CAS Number: 7331-52-4

Specifications & Purity: $\geq 96\%$

Lot #: G2307389

SKU #: **H107941**

Version: **3**

Analysis #: **253177**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.462-1.466	1.46300
Density (20°C)	1.303-1.309	1.30500
Specific Rotation [a] ₂₀ /D(c=2 in EtOH)	-85--81 (°)	-84.84000 °
Purity(HPLC area)	96-100 (%)	96.57400 %
Appearance (H107941)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager