

Certificate of Analysis

Date of Testing: 2023-07-18 17:02:31

Date of Next Testing: 2027-07-17 17:02:31

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

CAS Number: 7331-52-4

Specifications & Purity: 96%

Lot #: G2307391

SKU #: **H107941**

Analysis: **253177**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.462-1.466	1.46
Density (20°C)	1.303-1.309	1.30
Specific Rotation [a] _{20/D} (c=2 in EtOH)	-85--81 (°)	-84.84 °
Purity(HPLC area)	96-100 (%)	96.57 %
Appearance (H107941)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager