

Certificate of Analysis

Date of Testing: 2024-11-30 16:01:05

Date of Next Testing: 2027-11-30 16:01:05

Product Name: **(R)-3-Hydroxybutanoic acid**

CAS Number: 625-72-9

Specifications & Purity: $\geq 95\%$

Lot #: K2425486

SKU #: **R304188**

Version: **1**

Analysis #: **434836**

Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	97.17 %
Specific Rotation [α] _{20/D} (c=1 in MeOH)	-25--23 (°)	-23.02 °
Appearance(R304188)	Colorless or White or Light Yellow Powder or Crystals or solid	Colorless or White or Light Yellow Powder or Crystals or solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager