

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-17 15:26:59
 Date of Next Testing: 2024-10-16 15:26:59
 Product Name: (R)-(-)-3-Hydroxybutyric acid sodium salt
 CAS Number: 13613-65-5
 Specifications & Purity: ≥97%
 Lot #: L2018050
 SKU #: H121822
 Version: 1
 Analysis #: 144786
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)	-17--11 (°)	-15.30000 °
Purity(GC)	97-100 (%)	97.14400 %
Enantiometric Excess	98-100 (%)	98.20400 %
Appearance (H121822)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Clear, Colorless, 5% in H ₂ O	pass	Pass



John Su
QA & QC Manager