

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-15 16:32:49
 Date of Next Testing: 2028-06-14 16:32:49
 Product Name: (R)-(-)-3-Hydroxybutyric acid sodium salt
 CAS Number: 13613-65-5
 Specifications & Purity: $\geq 97\%$
 Lot #: L2213237
 SKU #: H121822
 Version: 1
 Analysis #: 721270
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	-17--11 (°)	-14.12800 °
Enantiometric Excess	98-100 (%)	98.01000 %
Purity(HPLC area)	97-100 (%)	99.77100 %
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