

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-09 09:03:55  
Date of Next Testing: 2029-04-08 09:03:55  
Product Name: **(R)-Butyryl Carnitine Chloride**  
CAS Number: 162067-50-7  
Specifications & Purity:  $\geq 95\%$   
Lot #: F23271393  
SKU #: **R355659**  
Version: **1**  
Analysis #: **685361**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.79000 %
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in H}_2\text{O})$	$-24 \sim -19 (^{\circ})$	$-20.80000^{\circ}$
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager