

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-30 15:08:01

Date of Next Testing: 2026-06-29 15:08:01

Product Name: **(R)-Butyryl Carnitine Chloride**

CAS Number: 162067-50-7

Specifications & Purity: $\geq 95\%$

Lot #: F23271141

SKU #: **R355659**

Version: **1**

Analysis #: **240777**

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	99.79200 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	$-24 \sim -19 (^{\circ})$	-20.84000°
NMR Spectrum ^1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager