

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-04 15:52:26
 Date of Next Testing: 2027-03-03 15:52:26
 Product Name: **N-Acetyl-L-Glutamine**
 CAS Number: 2490-97-3
 Specifications & Purity: $\geq 99\%$
 Lot #: B2328318
 SKU #: **A117200**
 Version: **1**
 Analysis #: **194542**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Glutamine	0-0.1 (%)	0.02900 %
Specific Rotation $[\alpha]_{20/D(c=3 \text{ in H}_2\text{O})}$	-13--11 (°)	-11.92100 °
Purity(HPLC)	99-100 (%)	99.65500 %
Appearance (A117200)	white powder	White powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager