

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-09 02:13:52
 Date of Next Testing: 2027-03-08 02:13:52
 Product Name: **L-Glutamic Acid 1-Methyl Ester**
 CAS Number: 6384-08-3
 Specifications & Purity: $\geq 95\%$
 Lot #: C2307392
 SKU #: **G116980**
 Version: **0**
 Analysis #: **155293**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	95-100 (%)	98.74000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in H}_2\text{O})$	34-37 (°)	34.25900 °
Appearance (g116980)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager