

## Certificate of Analysis

Date of Testing: 2022-03-09 11:51:34  
Date of Next Testing: 2026-03-08 11:51:34  
Product Name: **L-Glutamic acid 5-methyl ester**  
CAS Number: 1499-55-4  
Specifications & Purity: 98%  
Lot #: C2202215  
SKU #: **G116984**  
**Analysis: 081238**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=2 in 6 M HCl)	28-30 (°)	29.59°
Purity(HPLC)	98-100 (%)	98.18800%
Appearance (G116984)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager