

## Certificate of Analysis

Date of Testing: 2024-08-12 13:30:32  
Date of Next Testing: 2028-08-11 13:30:32  
Product Name: **L-Glutamic acid 5-methyl ester**  
CAS Number: 1499-55-4  
Specifications & Purity: 98%  
Lot #: K1226039  
SKU #: **G116984**  
Version: **1**  
Analysis #: **398018**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=2 in 6 M HCl)	28-30 (°)	29.27°
Purity(HPLC)	98-100 (%)	99.44000 %
Appearance (G116984)	white powder	White powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager