

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-25 13:44:34  
Date of Next Testing: 2025-09-24 13:44:34  
Product Name: **L-Glutamic acid dimethyl ester hydrochloride**  
CAS Number: 23150-65-4  
Specifications & Purity: 98%  
Lot #: I2320413  
SKU #: **G109003**  
**Analysis:** **212479**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [ $\alpha$ ] <sub>20</sub> /D(c=524-28 (°) in H <sub>2</sub> O)		24.39°
Purity(Titration by AgNO <sub>3</sub> )	98-102 (%)	101.90 %
Appearance (G109003)	White to Almost white to yellow powder to crystal to solid	White to Almost white to yellow powder to crystal to solid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager