

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-04-08 09:46:56

Date of Next Testing: 2029-04-07 09:46:56

Product Name: **DL-Glutamic Acid**

CAS Number: 617-65-2

Specifications & Purity:  $\geq 92\%$ (HPLC)

Lot #: F2118375

SKU #: **S161021**

Version: **0**

Analysis #: **491173**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                    | Limit Values                                  | Result                                        |
|------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(HPLC)                 | 92-100 (%)                                    | 98.90000 %                                    |
| Purity(Nonaqueous Titration) | 97.5-102.5 (%)                                | 99.30000 %                                    |
| Appearance (S161021)         | White Powder, Crystals, Needles, and/or Solid | White Powder, Crystals, Needles, and/or Solid |
| Proton NMR spectrum          | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager