

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-01 14:30:25
 Date of Next Testing: 2025-07-31 14:30:25
 Product Name: **Dimethyl D-Glutamate Hydrochloride**
 CAS Number: 27025-25-8
 Specifications & Purity: $\geq 98\%(N)(T)$
 Lot #: J2129668
 SKU #: **D134570**
 Version: **0**
 Analysis #: **258146**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	100.32000 %
Nitrogen by Elemental Analysis	6-7.1 (%)	6.50000 %
Purity(HPLC)	98-100 (%)	99.20400 %
Carbon by Elemental Analysis	38.4-40.2 (%)	39.14000 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in MeOH})}$	-28--24 (°)	-26.50000 °
Appearance (D134570)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager