

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-11 16:29:00

Date of Next Testing: 2026-10-11 16:29:00

Product Name: **Dimethyl D-Glutamate Hydrochloride**

CAS Number: 27025-25-8

Specifications & Purity: $\geq 98\%(N)(T)$

Lot #: G1513016

SKU #: **D134570**

Version: **0**

Analysis #: **417909**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity (Argentmetric Titration)	97.5-102.5 (%)	97.50000 %
Nitrogen by Elemental Analysis	6-7.1 (%)	6.21300 %
Purity(HPLC)	98-100 (%)	98.34600 %
Carbon by Elemental Analysis	38.4-40.2 (%)	38.58000 %
Specific Rotation $[\alpha]_{20/D(c=2 \text{ in MeOH})}$	-28--24 (°)	-27.89000 °
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