

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-29 19:04:28

Date of Next Testing: 2030-05-28 19:04:28

Product Name: **L-glutamic acid p-nitroanilide**

CAS Number: 24032-35-7

Specifications & Purity: $\geq 98\%$

Lot #: E2620044

SKU #: **G117942**

Version: **0**

Analysis #: **715409**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 5 \text{ M HCl})$	78.5-82 (°)	81.99000 °
Oxygen by Elemental Analysis	29.1-30.1 (%)	29.22000 %
Purity	98-100 (%)	98.33300 %
Melting point	183-185 (°C)	184.98000 °C
Carbon by Elemental Analysis	48.2-49.6 (%)	48.22400 %
Appearance (G117942)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager