

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-15 13:54:22

Date of Next Testing: 2029-12-14 13:54:22

Product Name: **Z-Gln-OH**

CAS Number: 2650-64-8

Specifications & Purity: $\geq 98\%$

Lot #: B2221036

SKU #: **Z105460**

Version: **1**

Analysis #: **619767**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	98.30000 %
Melting point	136-140 (°C)	136.50000 °C
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})$	-8.5--6.5 (°)	-6.50000 °
Appearance (Z105460)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager