

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-23 16:02:01

Date of Next Testing: 2026-02-22 16:02:01

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

CAS Number: 2650-64-8

Specifications & Purity: $\geq 98\%$

Lot #: B2221027

SKU #: **Z105460**

Version: **1**

Analysis #: **064326**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	98-100 (%)	98.39000 %
Melting point	136-140 (°C)	136.52000 °C
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})$	-8.5--6.5 (°)	-6.53000 °
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