

Certificate of Analysis

Date of Testing: 2022-10-18 17:15:56
Date of Next Testing: 2026-10-17 17:15:56
Product Name: **Z-Gln-Gly**
CAS Number: 6610-42-0
Specifications & Purity: 98%
Lot #: J22111106
SKU #: **G121389**
Analysis: 113379
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|--|---------------------------|---------------------------|
| Water by Karl Fischer | 0-1 (%) | 0.42 % |
| Carbon by Elemental Analysis | 52-53.9 (%) | 53.49 % |
| Nitrogen by Elemental Analysis | 12.1-12.7 (%) | 12.27 % |
| Purity(HPLC) | 98-100 (%) | 98.14400 % |
| Appearance (G121389) | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in 1M NaOH , clear colorless solution at 50 mg/ml | pass | Pass |



John Su
QA & QC Manager