

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-24 11:14:07

Date of Next Testing: 2027-11-23 11:14:07

Product Name: **Pro-Gly**

CAS Number: 2578-57-6

Specifications & Purity: 98%

Lot #: K2317099

SKU #: **P121407****Analysis: 298863**

Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|-----------------------------------------------------------------|--------------------------|--------------------------|
| Carbon by Elemental Analysis | 47.6-50.1 (%) | 48.60 % |
| Purity(HPLC)(calcd.on anh.substance) | 98-100 (%) | 99.02 % |
| Nitrogen by Elemental Analysis | 15.9-16.7 (%) | 16.23 % |
| Specific Rotation $[\alpha]_{24}^D(c=1 \text{ in H}_2\text{O})$ | -21.8--19.8 (°) | -20.30° |
| Appearance (P121407) | White Powder or Crystals | White Powder or Crystals |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in AcOH , colorless clear,50 mg/ml | colorless Clear,50 mg/ml | colorless Clear,50 mg/ml |

John Su
QA & QC Manager