

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-15 11:02:02

Date of Next Testing: 2028-03-14 11:02:02

Product Name: **Pro-Gly**

CAS Number: 2578-57-6

Specifications & Purity: 98%

Lot #: C2407098

SKU #: **P121407****Analysis: 311482**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	47.6-50.1 (%)	48.16 %
Nitrogen by Elemental Analysis	15.9-16.7 (%)	16.03 %
Purity(HPLC)(calcd.on anh.substance)	98-100 (%)	98.25 %
Specific Rotation $[\alpha]_{24}^D(c=1 \text{ in H}_2\text{O})$	-21.8--19.8 (°)	-21.77°
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