

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-01-06 11:18:33

Date of Next Testing: 2028-01-06 11:18:33

Product Name: **Ala-Gly**

CAS Number: 687-69-4

Specifications & Purity: 99%

Lot #: L2425185

SKU #: **S49805**Version: **0**Analysis #: **457818**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	18.5-20 (%)	19.50%
Specific Rotation $[\alpha]_{20/D}(c=2.5 \text{ in H}_2\text{O})$	49.5-51.5 (°)	49.50°
Carbon by Elemental Analysis	39.5-42 (%)	40.82%
Purity(HPLC)	99-100 (%)	99.41930%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 80% AcOH, 50mg/mL	colorless, Clear to slightly hazy solution	colorless, Clear to slightly hazy solution
Appearance(S49805)	white powder	White powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

