

Certificate of Analysis

Date of Testing: 2023-06-05 13:37:35

Date of Next Testing: 2027-06-04 13:37:35

Product Name: **Gly-His**

CAS Number: 2489-13-6

Specifications & Purity: 98%

Lot #: E2326673

SKU #: **G121419**

Analysis: **208696**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.54900 %
Water by Karl Fischer	0-17.5 (%)	2.54 %
Specific Rotation $[\alpha]_{24/D}(c=2 \text{ in H}_2\text{O})$	22-28 (°)	27.79°
Appearance (G121419)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear (5% in H ₂ O) pass		Pass



John Su
QA & QC Manager