

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-05 13:30:55

Date of Next Testing: 2027-06-04 13:30:55

Product Name: **Gly-His**

CAS Number: 2489-13-6

Specifications & Purity: $\geq 98\%$

Lot #: E2326671

SKU #: **G121419**

Version: **0**

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 (%)	2.54120 %
Specific Rotation $[\alpha]_{24/D}(c=2 \text{ in H}_2\text{O})$	22-28 ($^{\circ}$)	27.78600 $^{\circ}$
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