

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-12 14:36:55

Date of Next Testing: 2027-12-12 14:36:55

Product Name: **N-Glycyl-L-tyrosine dihydrate**

CAS Number: 39630-46-1

Specifications & Purity: Animal Free, Low Endotoxin, for cell culture, ≥98%

Lot #: L2412178

SKU #: **N665468**

Version: **1**

Analysis #: **441628**

Storage Temperature: Store at 2-8°C, Protected from light

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Water by Karl Fischer                                           | 11-15 (%)             | 13.20010 %            |
| Endotoxin Assay                                                 | 0-50 (EU/g)           | 7.70000 EU/g          |
| Purity(HPLC area)                                               | 98-100 (%)            | 100.00000 %           |
| Specific Rotation [α] <sub>20/D</sub> (c=1 in H <sub>2</sub> O) | 45-53 (°)             | 45.10000 °            |
| Total Plate Count                                               | 0-100(CFU/g)          | 80.00000 cfu/g        |
| Appearance(N665468)                                             | white powder          | White powder          |
| NMR Spectrum 1H                                                 | Conforms to structure | Conforms to Structure |
| Solubility(2% in H <sub>2</sub> O, 25°C)                        | pass                  | Pass                  |
| Cell Culture Test                                               | pass                  | Pass                  |
| Origin( Non-Animal Source)                                      | Pass                  | Pass                  |



John Su  
QA & QC Manager