

## Certificate of Analysis

Date of Testing: 2023-02-25 17:28:34

Date of Next Testing: 2027-02-24 17:28:34

Product Name: **N-Acetyl-DL-tryptophan**

CAS Number: 87-32-1

Specifications & Purity: 98%

Lot #: B2321237

SKU #: **A100466**

**Analysis:** **192111**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                        | Limit Values                           | Result                                 |
|------------------------------------------------------------------|----------------------------------------|----------------------------------------|
| Purity(HPLC)                                                     | 98-100 (%)                             | 98.87000 %                             |
| Tryptophan                                                       | 0-0.1 (%)                              | 0.03 %                                 |
| Specific Rotation [α] <sub>20</sub> /D(c=2.5 in MeOH)            | -1-1 (°)                               | 0.20 °                                 |
| Appearance (A100466)                                             | White to white with yellow cast powder | White to white with yellow cast powder |
| Solubility in 1N NaOH , Clear Colorless to Light Yellow, 25mg/ml | pass                                   | Pass                                   |
| Proton NMR spectrum                                              | Conforms to structure                  | Conforms to Structure                  |



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QA & QC Manager