

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-12 14:39:28  
 Date of Next Testing: 2030-05-11 14:39:28  
 Product Name: **N-Acetyl-L-tryptophan ethyl estert**  
 CAS Number: 2382-80-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: G2221292  
 SKU #: **T117006**  
 Version: **1**  
 Analysis #: **702160**  
 Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                                                | Limit Values                                 | Result                                       |
|----------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Melting point                                            | 106-111 (°C)                                 | 108.60000 °C                                 |
| Purity                                                   | 98-100 (%)                                   | 98.30000 %                                   |
| Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})$ | 5-8 (°)                                      | 6.50000 °                                    |
| Appearance (T117006)                                     | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| Proton NMR spectrum                                      | Conforms to structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager