

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-20 15:52:58  
Date of Next Testing: 2026-10-19 15:52:58  
Product Name: **N-Acetyl-L-tyrosine ethyl ester monohydrate**  
CAS Number: 36546-50-6  
Specifications & Purity: 98%  
Lot #: J2213066  
SKU #: **A117206**  
**Analysis: 120058**  
Storage Temperature: Store at -20°C

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Water by Karl Fischer  | 3.4-8 (%)             | 6.20 %                |
| Purity(HPLC)   | 98-100 (%)            | 98.87800 %            |
| Specific Rotation $[\alpha]_{24}^{25}$ in EtOH                     | 22-24 (°)             | 22.75°                |
| Melting point  | 80-81 (°C)            | 80.46000 °C           |
| Appearance (A117206)   | white powder          | White powder          |
| Solubility in EtOH , Colorless clear to very slightly hazy,50mg/ml | pass                  | Pass                  |
| NMR Spectrum 1H  | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager