

CERTIFICATE OF ANALYSIS

PRODUCT NAME: N-Acetyl-L-tryptophan ethyl ester,98%

ITEM NUMBER: T117006
BRAND: Aladdin
CAS NUMBER: 2382-80-1
MDL NUMBER: MFCD00005643
FORMULA: C₁₅H₁₈N₂O₃
MOLECULAR WEIGHT: 274.30

| TEST | SPECIFICATION | | TARGET VALUE |
|------------------------------------------------------|----------------------------------------------|---------|--------------|
| | MIN. | MAX. | |
| Appearance | White to Off-White Powder or Solid or Chunks | | |
| Infrared spectrometry | Conforms to Structure | | |
| Melting point | 106 ° C | 111 ° C | 111 ° C |
| Purity(with Total Nitrogen) | 98 % | 100 % | 100 % |
| Solubility in Methanol | almost transparency | | |
| Specific rotation [α] ₂₀ /D(C=2, Ethanol) | +5 ° | +8 ° | +8 ° |