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Certificate of Analysis

Catalogue Number 02639
Product *N*^α-Acetyl-L-tryptophan ethyl ester

Lot Number 000424-130619-13063
Ac-L-Trp-OEt

CAS Number 2382-80-1
Molecular Formula C₁₅H₁₈N₂O₃

Molecular Weight 274.3

Appearance White to off-white powder
Solubility Clear solution (0.1 g in 2 mL Ethanol)
Melting Point 108.3-109.3 °C
Water Content (Karl Fisher) 0.17%
Optical Rotation [α]_D²⁰ = +7.4° (C=1 in MeOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.19% (50 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 99.90%
Storage Store at 0-8 °C
Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager