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Certificate of Analysis

Catalogue Number 02637
Lot Number 000424-140308-13509
Product *N*^α-Acetyl-L-tryptophan amide


Ac-L-Trp-NH₂

CAS Number 2382-79-8
Molecular Formula C₁₃H₁₅N₃O₂

Molecular Weight 245.3

Appearance White powder
Solubility Clear solution (0.1 g in 4 mL DMF)
Melting Point 190.1-191.9 °C
Optical Rotation [α]_D²⁰ = -6.2° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 1.60% (80 °C/ 2 hr)
¹H NMR Conforms to structure
Purity by HPLC 99.17%
Storage Store at RT
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