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Product Specifications

| | |
|--------------------------|--|
| Catalogue Number | 02635 |
| Product | <i>N</i>^α-Acetyl-L-tryptophan Ac-L-Trp-OH |
| CAS Number | 1218-34-4 |
| Molecular Formula | C ₁₃ H ₁₄ N ₂ O ₃ |
| Molecular Weight | 246.3 |

| | |
|------------------------------------|---|
| Appearance | White to off-white powder |
| Solubility | Clear solution |
| Melting Point | 178 - 206 °C |
| Water Content (Karl Fisher) | ≤ 1% |
| Optical Rotation | [α] _D ²⁰ = 26 ± 2 ° (C=1 1N NaOH) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | ≤ 1.0% (105 °C, 2h) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | ≥ 99.5% |
| Storage | Store at 0 - 8 °C |

For Laboratory Use Only