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Certificate of Analysis

Catalogue Number	04454
Lot Number	130206-13060
Product	D-Tryptophan methyl ester hydrochloride D-Trp-OMe•HCl
CAS Number	14907-27-8
Molecular Formula	C ₁₂ H ₁₄ N ₂ O ₂ •HCl
Molecular Weight	254.7

Appearance	White to off-white powder
Solubility	Clear solution (0.3g in 2 mL H ₂ O)
Melting Point	205.7-206.0 °C
Water Content (Karl Fisher)	0.25%
Optical Rotation	[α] _D ²⁰ = -16.3 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.07% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.3%
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