



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	04-2581
Lot Number	120302-11001
Product	L-Tryptophan methyl ester hydrochloride L-Trp-OMe•HCl
CAS Number	7524-52-9
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 DMF)
Melting Point	204.5-204.7 °C
Water Content (Karl Fisher)	0.01%
Optical Rotation	[α] _D ²⁰ = +16.8° (C= 1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.13% (105 °C, 2h)
¹ H NMR	Conforms to structure
Purity by HPLC	99.76%
Storage	Store at 0-8°C