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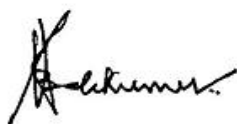
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	03159
Lot Number	000424-160530-11003
Product	L-Tyrosine methyl ester hydrochloride
	L-Tyr-OMe•HCl
CAS Number	3417-91-2
Molecular Formula	C ₁₀ H ₁₃ NO ₃ •HCl
Molecular Weight	231.70

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2ml DMF)
Melting Point	184.4-185.3 °C
Elemental Analysis (Found)	< 5.0% (C, H, N)
Water Content (Karl Fisher)	0.303%
Optical Rotation	[α] _D ²⁰ = + 12.1 ° (C=2, in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.35% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.50%
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