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Certificate of Analysis

Catalogue Number	03900
Lot Number	000424-141104-16033
Product	D-Tyrosine methyl ester hydrochloride D-Tyr-OMe•HCl
CAS Number	3728-20-9
Molecular Formula	C ₁₀ H ₁₃ NO ₃ •HCl
Molecular Weight	231.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	190.5-190.8 °C
Water Content (Karl Fisher)	0.197%
Optical Rotation	[α] _D ²⁰ = -35.3° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.08% (70 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	98.32%
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