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Certificate of Analysis

Catalogue Number	24191
Lot Number	000424-140720-20511
Product	L-4-Chlorophenylalanine methyl ester hydrochloride Methyl 4-chloro-L-phenylalaninate hydrochloride
CAS Number	63024-26-0
Molecular Formula	C ₁₀ H ₁₂ ClNO ₂ •HCl
Molecular Weight	250.12

Appearance	White solid
Solubility	Clear solution (0.3g in 4 mL Water)
Melting Point	190.2-190.6 °C
Water Content (Karl Fisher)	0.27%
Optical Rotation	[α] _D ²⁰ = + 17.7° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.33% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.72%
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