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Certificate of Analysis

Catalogue Number	12383
Lot Number	000424-151031-13333
Product	DL-Phenylalanine <i>tert</i>-butyl ester hydrochloride DL-Phe-OtBu•HCl
CAS Number	75898-47-4
Molecular Formula	C ₁₃ H ₁₉ NO ₂ •HCl
Molecular Weight	257.8

Appearance	White powder
Solubility	Clear solution (0.1g in 4 mL Methanol)
Melting Point	200.8-206.6 °C
Water Content (Karl Fisher)	0.19%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.62% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.48%
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