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Certificate of Analysis

Catalogue Number	03113
Lot Number	000424-150225-10938
Product	L-Phenylalanine amide hydrochloride L-Phe-NH ₂ •HCl
CAS Number	65864-22-4
Molecular Formula	C ₉ H ₁₂ N ₂ O•HCl
Molecular Weight	200.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	234.7-235.8 °C
Water Content (Karl Fisher)	0.050%
Optical Rotation	[α] _D ²⁰ = +30.4° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.58% (80 °C, 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	99.87%
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