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Certificate of Analysis

Catalogue Number	03115
Lot Number	000424-161121-10962
Product	L-Phenylalanine benzyl ester hydrochloride L-Phe-OBzl•HCl
CAS Number	2462-32-0
Molecular Formula	C ₁₆ H ₁₇ NO ₂ •HCl
Molecular Weight	291.8

Appearance	White powder
Solubility	Clear solution (0.3 g in 3 mL MeOH)
Melting Point	188.5-193.0 °C
Water Content (Karl Fisher)	0.11%
Optical Rotation	[α] _D ²⁰ = -14.3° (C=1 in 80% AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.64%
¹H NMR	Conforms to structure
Purity by HPLC	99.30% (254 nm)
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