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Certificate of Analysis

Catalogue Number	03122
Lot Number	000424-171129-10939
Product	D-Phenylalanine methyl ester hydrochloride D-Phe-OMe•HCl
CAS Number	13033-84-6
Molecular Formula	C ₁₀ H ₁₃ NO ₂ •HCl
Molecular Weight	215.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL water)
Melting Point	157.8 - 157.9 °C
Water Content (Karl Fisher)	0.21%
Optical Rotation	[α] _D ²⁰ = - 37.4 ° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.01% (70 °C, 2 hrs)
¹H NMR	Conforms to structure
Purity by HPLC	98.12%
Storage	Store at 0-8°C

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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