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Certificate of Analysis

Catalogue Number	07069
Product	4-Methyl-L-phenylalanine
Lot Number	000424-210801-22151
	L-Phe(4-Me)-OH
CAS Number	1991-87-3
Molecular Formula	C ₁₀ H ₁₃ NO ₂
Molecular Weight	179.23

Appearance	White powder
Solubility	Clear solution (0.1 g in 2 mL, 2 N NaOH)
Melting Point	243.8 - 245.6 °C
Optical Rotation	[α] _D ²⁰ : -0.5 ° (C=1 in 1N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.10% (105 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
D-Enantiomer	Not detected
Purity by HPLC	99.85%
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