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Certificate of Analysis

Catalogue Number	06161
Lot Number	000424-240610-13358
Product	4-Amino-DL-phenylalanine DL-Phe(4-NH ₂)-OH p-Amino-DL-phenylalanine
CAS Number	2922-41-0
Molecular Formula	C ₉ H ₁₂ N ₂ O ₂
Molecular Weight	180.2

Appearance	Off-white powder
Solubility	Clear solution (0.3 g in 2 mL 1N HCl)
Melting Point	256.6 - 257.7 °C
Water Content (Karl Fisher)	9.74%
Optical Rotation	[α] _D ²⁰ = 0 ° (C=1 in 1N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.50% (105 °C at 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	99.89%
Storage	Store at 0 - 8 °C
Country of Origin	China
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