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Certificate of Analysis

Catalogue Number	03114
Product	D-Phenylalanine amide hydrochloride
Lot Number	0000424-140326-13316 D-Phe-NH ₂ •HCl
CAS Number	71666-94-9
Molecular Formula	C ₉ H ₁₂ N ₂ O•HCl
Molecular Weight	200.7

Appearance	White powder
Solubility	Clear solution (0.3g in 2 mL MeOH)
Melting Point	234.3 °C
Water Content (Karl Fisher)	0.092%
Optical Rotation	[α] _D ²⁰ = -15.8° (C=1% in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.97% (80 °C, 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	98.13%
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