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Certificate of Analysis

Catalogue Number	14371
Product	DL-Phenylalanine 4-nitroanilide·hydrochloride salt
Lot Number	000424-180528-13351 DL-Phe-pNA·HCl
Molecular Formula	C ₁₅ H ₁₅ N ₃ O ₃ ·HCl
Molecular Weight	321.8

Appearance	Off-white powder
Solubility	Clear solution (0.1 g in 4ml MeOH)
Melting Point	249.2 - 249.7 °C
Water Content (Karl Fisher)	0.48%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.54% (105°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.94% (HPLC)
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