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Certificate of Analysis

Catalogue Number	04765
Lot Number	000424-121204-20804
Product	4-Nitro-DL-phenylalanine hydrate DL-Phe(4-NO ₂)-OH·H ₂ O <i>p</i> -Nitro-DL-phenylalanine hydrate
CAS Number	2922-40-9 (net)
Molecular Formula	C ₉ H ₁₀ N ₂ O ₄ ·H ₂ O
Molecular Weight	228.2

Appearance	Faintly yellow powder
Solubility	Clear solution (0.3 gram in 3 mL 1N NaOH)
Melting Point	234.7-234.8 °C
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.48% (80 °C, 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	99.35%
Application	Chromophore used as a convenient UV tag for determination of overall purity of β-turn mimetics.
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