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Certificate of Analysis

Catalogue Number	14867
Lot Number	000424-150905-20808
Product	4-Nitro-L-phenylalanine ethylester hydrochloride 4-Nitro-L-Phe-OEt•HCl <i>p</i> -Nitro-L-phenylalanine ethylester hydrochloride
CAS Number	58816-66-3
Molecular Formula	C ₁₁ H ₁₄ N ₂ O ₄ •HCl
Molecular Weight	274.7

Appearance	Light yellow powder
Solubility	0.3 gram in 2 ml DMF clear solution
Melting Point	198.8-199.1 °C
Water Content (Karl Fisher)	0.202%
Optical Rotation	[α] _D ²⁰ = +36.6° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.32% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.96%
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