

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	20971
Lot Number	000424-200321-16546
Product	3-Nitro-L-tyrosine ethyl ester hydrochloride H-3-Nitro-Tyr-OEt•HCl
CAS Number	66737-54-0
Molecular Formula	C ₁₁ H ₁₄ N ₂ O ₅ •HCl
Molecular Weight	290.7

Appearance	Yellow powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	180.9 - 181.4 °C
Water Content (Karl Fisher)	0.18%
Optical Rotation	[α] _D ²⁰ = -5.7 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	99.94%
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