

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	03679
Lot Number	120809-16505
Product	L-Tyrosine amide

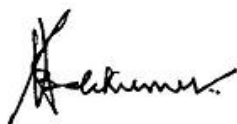
L-Tyr-NH₂

CAS Number	4985-46-0
Molecular Formula	C ₉ H ₁₂ N ₂ O ₂

Molecular Weight	180.2
-------------------------	-------

Appearance	White to off-white powder
Solubility	Clear solution (0.1 gram in 2 ml 1N NaOH)
Melting Point	153.4-153.7 °C
Water Content (Karl Fisher)	0.27%
Optical Rotation	[α] _D ²⁰ = +17.5° (C=4 in Water)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.19%
¹H NMR	Conforms to structure
Purity by HPLC	99.48%
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