



# INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: [www.indofinechemical.com](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## Certificate of Analysis

Catalogue Number 04-2625  
Lot Number 000127-1016499  
Product **L-Tyrosine Ethyl ester**

L-Tyr-OEt (free base)

CAS Number 949-67-7  
Molecular Formula  $C_{11}H_{15}NO_3$   
Molecular Weight 209.25

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Appearance White powder  
Appearance of Solution Clear, colorless solution (50 mg/mL in ethanol)  
Melting Point 104 °C  
Elemental Analysis (Theory) C = 63.14%; H = 7.23%; N = 6.69%  
Elemental Analysis (Found) C = 63.07%; H = 7.21%; N = 6.58%  
TLC System Ethylacetate/Pyridine/Acetic Acid/water (60:20:6:11)  
Chloroform/Methanol/Benzene/H<sub>2</sub>O (8:8:8:1)  
Chloroform/Methanol/Acetic Acid (77.5/15/7.5)  
plate: silicagel 60 F<sub>254</sub>  
detected by: UV, ninhydrin, chlorine-tolidine, Pauly  
Optical Rotation  $[\alpha]_D^{24} = +18.7^\circ$  (C=1% in EtOH)  
Purity by TLC > 99%  
Storage Store at 0-8 °C

Prepared by:  
*Ramesh Mandadi*  
Ramesh Mandadi  
Director of Operations

Reviewed and approved by:  
*Sujata Moton*  
S. Moton  
VP