



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

e-mail: chemical@indofinechemical.com

Certificate of Analysis

Catalogue Number 04-106
Lot Number 001192-110110
Product **Acetyl-L-tyrosine**

Ac-L-Tyr-OH

CAS Number 537-55-3
Molecular Formula C₁₁H₁₃NO₄

Molecular Weight 223.22

Appearance	White crystalline powder
Heavy Metals	< 10 ppm (as Pb)
Arsenic (As₂O₂)	< 2 ppm
Anion	Chloride (Cl ⁻): < 0.020% Sulfate (SO ₄ ²⁻): < 0.020%
Cation	Ammonium (NH ₄ ⁺): < 0.02% Iron (Fe): < 10 ppm
pH	2.0-3.0
Optical Rotation	[α] _D ²⁰ = +47.4°
Transmission	98.8% (State of solution)
Loss on Drying	0.10%
Related Substances	L-Tyrosine: < 1.0%
Residue On Ignition	0.06%
Assay by titration	100.8%
Storage	Store at RT

Prepared by:

Ramesh Mandadi

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Director of Operations

Reviewed and Approved by:

Sujata Moton

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VP