



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

Catalog Number	04-106
Product Name	Ac-Tyr-OH N-Acetyl-L-tyrosine
Lot Number	391970040
CAS Registry Number	537-55-3
Molecular Formula	C ₁₁ H ₁₃ NO ₄
Molecular Weight	223.22
Appearance	White crystalline powder, practically odorless, soluble in water
Assay	99.7%
Specific Rotation (α^{20}_D)	+47.2° (c=4, H ₂ O)
Chloride (Cl)	<200ppm
Sulfate (SO ₄)	<200ppm
Ammonium	<200ppm
Iron (Fe)	<30ppm
Heavy Metals	<10ppm
Arsenic	<1ppm
Other Amino acids (by TLC)	Not detected
Loss on Drying	0.02%
Residue on Ignition	0.01%
Free Amino Acids (TLC) L-Tyrosine	<0.5%
Storage	Store at -0°C