



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	04-105
Product Name	Ac-D-Tyr-OH N-Acetyl-D-tyrosine
Lot Number	111000-V
Molecular Formula	C ₁₁ H ₁₃ NO ₄
Molecular Weight	223.22
Melting Point	150-152°C(crystals from water)
Specific Rotation	$\alpha_D = -45.2^\circ$ (c=2.0, water)
Chromatography	Butanol:Ethyl Acetate:Acetic acid:Water 1:1:1:1
TLC	R _f =0.72
HPLC	Purity 99.6%, Vydac C ₁₈ column, gradient eluion 5-90% B t _R =6.8 min, $\lambda = 214\text{nm}$, flow rate 1 ml/min A=water:trifluoroacetic acid 100:0.5 B=Acetonitrile:water:trifluoroacetic acid 83:17:0.38
Storage	Store at -0°C