



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	04-1873
Lot Number	512785
Product	Ile-Tyr-OH L-Isoleucyl-L-tyrosine
CAS Number	38579-21-4
Molecular Formula	$C_{15}H_{22}N_2O_4$
Molecular Weight	294.35

Appearance	White product
Solubility	Clear and colorless solution (50mg/mL in Acetic acid)
Elemental Analysis (Theory)	C = 61.21%; H = 7.53%; N = 9.52%
Elemental Analysis (Found)	C = 60.86%; H = 7.52%; N = 9.45%
TLC System	n-Butanol/Acetic acid/H ₂ O (4:2:2) Chloroform/Methanol/Acetic acid 32% (5:3:1) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Purity by TLC	> 99%
Storage	Store at 0-8°C

Prepared by:
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