



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalog Number	04-989
Product Name	H-Tyr(tBu)-OMe•HCl O-tert-Butyl-L-tyrosine methyl ester hydrochloride
Lot Number	1008871
CAS Registry Number	51482-39-4
Molecular Formula	C <sub>14</sub> H <sub>21</sub> NO <sub>3</sub> •HCl
Molecular Weight	287.80
Appearance	White powder
Solubility	Clear, colorless solution (50 mg/ml in Methanol)
Melting Point	155°C
CHN-Analysis	
Elemental Analysis (Theory)	C 58.4% H 7.7% N 4.9%
Elemental Analysis (Found)	C 58.4% H 7.7% N 4.8%
Assay (Elemental Analysis)	99.9% Based on Carbon content
Assay (Elemental Analysis)	Theory C 58.43% Found C 58.36%
Identification (TLC)	Complies with authentic material
Assay by TLC	> 99%
Chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1	Detected by: UV, Ninhydrin, Chlorine-Tolidine
Chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2	
Ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/10/3/4	
Plate: Silicagel 60 F <sub>254</sub>	
Chloride Content (Titration)	12.4%
Storage	Store at 0-5°C