



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-331656A
Lot Number: SAMPLE
Product Name: O-tert-Butyl-L-tyrosine methyl ester hydrochloride
CAS Number: 51482-39-4
Molecular Formula: $C_{14}H_{22}ClNO_3$
Molecular Weight: 287.78

Test	Specification	Result
Appearance		White powder
Assay (Elemental Analysis)		99.9% Based on Carbon content
Identification (TLC)		Complies
Purity (TLC)		> 99%
Elemental Analysis	C: 58.43%	C: 58.36%
Melting Point		155 °C
Solubility		Clear, colorless solution (50 mg/ml in Methanol)
Carbon Content	58.4% (CHN)	Complies
Chloride		12.4% (Titration)
Hydrogen Content	7.7% (CHN)	Complies
Nitrogen Content	4.9% (CHN)	4.8%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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