

Analytical Data Sheet

Lot number **1071313**
not for drug use

Catalog number **E-3730.0250**
Product number **4040760.0250**
Product **N- Me- Tyr- OMe · HCl**
Molecular formula $C_{11}H_{15}NO_3 \cdot HCl$
Relative molecular mass 245.71

Tests	Results
Appearance	yellowish powder
Appearance of solution	clear, colorless solution in methanol (25 mg/ml)
Identification (TLC)	Complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = + 31.54^\circ$ (1 % methanol)
Purity (TLC)	> 99%
TLC conditions	Chloroform/methanol 7/3 n-Butanol/acetic acid/H ₂ O 4/2/2 Chloroform/methanol/acetic acid 32% 5/3/1 Chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Enantiomer content (GC)	< 0.1% D-Enantiomer
Assay (elemental analysis)	84.24% (Cth 63.14 %, Cfd 53.19 %)
Chloride content (titration)	14.7% AgNO ₃

Latest update: April 24, 2017

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