

Analytical Data Sheet

Lot number **1075705**
not for drug use

Catalog number **G-2820.0001**
Product number **4012103.0001**
Product **H- Met- Tyr- OH**
Molecular formula **C₁₄H₂₀N₂O₄S**
Relative molecular mass **312.39**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.6% (Cth 53.83 %, Cfd 53.62 %)
Water content (KF coulometric)	0.3%

Latest update: February 15, 2018

Analytical Data Sheet
Lot number **1075705**