

Analytical Data Sheet

Lot number **1070234**
not for drug use

Catalog number **G-3415.1000**
Product number **4001846.1000**
Product **H- Tyr- His- OH**
Molecular formula $C_{15}H_{18}N_4O_4$
Relative molecular mass 318.33

Tests	Results
Appearance	white crystalline powder
Appearance of solution	clear, colorless solution (50 mg/mL in 80% acetic acid)
Identification (TLC)	complies with authentic material
Purity (TLC)	≥ 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (titration)	82.6% (TBAH)
Water content (KF volumetric)	3.7%
General comment	product supplied as formate salt

Latest update: February 15, 2017

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