

## Analytical Data Sheet

Lot number **1072541**  
not for drug use

Catalog number **G-2610.0025**  
Product number **4003621.0025**  
Product **H- Leu- Tyr- OH**  
Molecular formula  $C_{15}H_{22}N_2O_4$   
Relative molecular mass 294.35

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in acetic acid 80 %)
Identification (TLC)	complies with authentic material
Purity (TLC)	≥ 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.1% (Cth 61.21 %, Cfd 60.67 %)
Water content (KF volumetric)	0.8%

Latest update: July 10, 2017

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