

## Analytical Data Sheet

Lot number **1000008548**  
not for drug use

Catalog number **G-3445.0001**  
Product number **4000819.0001**  
Product **H- Tyr- Lys- OH**  
Molecular formula  $C_{15}H_{23}N_3O_4$   
Relative molecular mass 309.37

Tests	Results
Appearance	white crystalline powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	83.0% (Nth 13.58%, Nfd 11.28%)
Water content (KF volumetric)	6.3%

Latest update: November 13, 2018

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