

Analytical Data Sheet

Lot number **1071359**
not for drug use

Catalog number **G-3395.0001**
Product number **4002463.0001**
Product **H- Tyr- Glu- OH**
Molecular formula $C_{14}H_{18}N_2O_6$
Relative molecular mass 310.31

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in H ₂ O)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 51.22 %</td><td>C = 51.34 %</td></tr><tr><td>H = 6.14 %</td><td>H = 6.03 %</td></tr><tr><td>N = 8.53 %</td><td>N = 8.45 %</td></tr></tbody></table> <p>calc. as x H₂O (5.5 %)</p>	Theory	Found	C = 51.22 %	C = 51.34 %	H = 6.14 %	H = 6.03 %	N = 8.53 %	N = 8.45 %
Theory	Found								
C = 51.22 %	C = 51.34 %								
H = 6.14 %	H = 6.03 %								
N = 8.53 %	N = 8.45 %								
Identification (TLC)	conforms with authentic material								
Purity (TLC)	> 99%								
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	94.7% (Cth 54.19 %, Cfd 51.34 %)								
Water content (KF volumetric)	5.6%								

Latest update: April 20, 2017

Analytical Data Sheet
Lot number **1071359**