

## Analytical Data Sheet

Lot number **1074240**  
not for drug use

Catalog number **G-3925.0001**  
Product number **4002392.0001**  
Product **H- Val- Gln- OH**  
Molecular formula  $C_{10}H_{19}N_3O_4$   
Relative molecular mass 245.28

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)
Identification (elemental analysis)	Theory Found C = 49.0 % C = 48.8 % H = 7.8 % H = 7.7 % N = 17.1 % N = 17.2 %
Identification (TLC)	conforms 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 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	100.2% (Nth 17.13 %, Nfd 17.16 %)
Water content (KF coulometric)	0.1%

Latest update: November 07, 2017

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