

Analytical Data Sheet

Lot number **1062353**
not for drug use

Catalog number **H-2960.0025**
Product number **4008928.0025**
Product **H- Gly- Arg- Gly- Asp- OH**
Molecular formula $C_{14}H_{25}N_7O_7$
Relative molecular mass 403.40

Tests	Results
Appearance	white powder
Identification (elemental analysis)	Theory Found C = 41.68 % C = 37.54 % H = 6.25 % H = 6.78 % N = 20.31 % N = 40.78 %
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
Water content (KF volumetric)	7.1%
Peptide content	85.5%

Latest update: October 27, 2015

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