

Analytical Data Sheet

Lot number **1068576**
not for drug use

Catalog number **H-2468.1000**
Product number **4026104.1000**
Product **IGF- I (1- 3)**
H- Gly- Pro- Glu- OH
Molecular formula **C₁₂H₁₉N₃O₆**
Relative molecular mass **301.30**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/ml in water)
Identification (ESI-MS)	m = 301.2u (average mass)
Purity (HPLC)	99.7% (ionic pair C ₇)
Purity (TLC)	> 99%
TLC conditions	isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.1% (Nth 13.95%, Nfd 13.82%)

Latest update: November 15, 2016

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