

Analytical Data Sheet

Lot number **1061579**
not for drug use

Catalog number **H-7468.1000**
Product number **4067627.1000**
Product **H- D- Pro- Pro- Glu- NH₂ trifluoroacetate salt**
Molecular formula **C₁₅H₂₄N₄O₅**
Relative molecular mass **340.38**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (elemental analysis)	Theory Found C = 44.6% C = 44.4% H = 5.6% H = 5.9% N = 12.2% N = 12.1% calc. x 0.2 H ₂ O (0.8%) x 1.0 TFA (24.9%)
Purity (HPLC)	99.0% (IP C ₇)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	73.7% (Nth 16.46%, Nfd 12.13%)
Water content (KF volumetric)	0.9%

Latest update: September 25, 2015

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