

Analytical Data Sheet

Lot number **1000004304**
not for drug use

Catalog number **H-2935.0025**
Product number **4004545.0025**
Product **H- Gly- Pro- Arg- Pro- OH acetate salt**
Molecular formula **C₁₈H₃₁N₇O₅**
Relative molecular mass **425.49**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (TLC)	Complies with authentic material
Purity (HPLC)	97.4% (TFA) 97.0% (NaClO ₄)
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 Chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	82.4% (Nth 23.04 %, Nfd 18.98 %)
Water content (KF volumetric)	2.2%

Latest update: August 13, 2018

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