

Analytical Data Sheet

Lot number **1067196**
not for drug use

Catalog number **H-1988.0100**
Product number **4025338.0100**
Product **H- Phe- Arg- Arg- OH acetate salt**
Molecular formula $C_{21}H_{35}N_9O_4$
Relative molecular mass 477.57

Tests	Results
Appearance	white product
Appearance of solution	clear, colorless solution (50 mg/ml in H ₂ O)
Identification (FAB-MS)	[M + H] ⁺ : m/z = 478.5 u
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	70% (Nth 26.40 %, Nfd 18.55 %)
Water content (KF volumetric)	4.7%
Acetic acid content (IC)	17.8%
General comment	this product is very hygroscopic. the product contains AcOH and H ₂ O

Latest update: August 10, 2016

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