

Analytical Data Sheet

Lot number **1073428**
not for drug use

Catalog number **G-1540.0001**
Product number **4000419.0001**
Product **H- Arg- Val- OH acetate salt**
Molecular formula $C_{11}H_{23}N_5O_3$
Relative molecular mass 273.34

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in H ₂ O)
Identification (TLC)	complies with reference material
Melting point	222 °C
Purity (TLC)	> 99%
TLC conditions	isopropanol/ammonia conc. 1/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	79.2%
Water content (KF volumetric)	2.3%
Residual organic solvents (GC)	1.1% IsOH
General comment	the product contains acetic acid (15.5 %).

Latest update: September 18, 2017

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