

Analytical Data Sheet

Lot number **1074840**
not for drug use

Catalog number **G-2050.0001**
Product number **4000548.0001**
Product **H- Gly- Arg- OH**
Molecular formula $C_8H_{17}N_5O_3$
Relative molecular mass 231.26

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (ESI-MS)	m = 231.2u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	88.7% (Nth 30.28 %, Nfd 26.86 %)
Water content (KF volumetric)	2.2%
Residual organic solvents (GC)	8.9% isopropanol
General comment	hygroscopic product

Latest update: December 14, 2017

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