

## Analytical Data Sheet

Lot number **1054382**  
not for drug use

Catalog number **G-2115.0250**  
Product number **4009994.0250**  
Product **H- Arg- Met- OH acetate salt**  
Molecular formula **C<sub>11</sub>H<sub>23</sub>N<sub>5</sub>O<sub>3</sub>S**  
Relative molecular mass **305.40**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (ESI-MS)	m = 305.4u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	≥ 98%
TLC conditions	isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	83.6% (Nth 22.93%, Nfd 19.18%)
Water content (KF volumetric)	0.2%

Latest update: July 11, 2014

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