

## Analytical Data Sheet

Lot number

**1073423**

not for drug use

Catalog number	G-1465.1000
Product number	4000091.1000
Product	H- Arg- Arg- OH acetate salt
Molecular formula	C <sub>12</sub> H <sub>26</sub> N <sub>8</sub> O <sub>3</sub>
Relative molecular mass	330.39

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in 80% acetic acid)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
Related impurities (TLC)	< 0.5% H-Arg-OH
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	67.1% (Nth 33.92%, Nfd 22.77%)
Water content (KF volumetric)	2.2%
Acetic acid content (HPLC)	25.8175%

Latest update: September 14, 2017

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