

Analytical Data Sheet

Lot number **1000000420**
not for drug use

Catalog number **G-1465.0250**
Product number **4000091.0250**
Product **H- Arg- Arg- OH acetate salt**
Molecular formula $C_{12}H_{26}N_8O_3$
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 ₂ O 4/2/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 plate: silicagel 60 F ₂₅₄ 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: May 17, 2018

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