

## Analytical Data Sheet

Lot number **1074882**  
not for drug use

Catalog number I-1160.0050  
Product number 4003379.0050  
Product Z- Phe- Arg- AMC · HCl  
Molecular formula  $C_{33}H_{36}N_6O_6 \cdot HCl$   
Relative molecular mass 649.15

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.8% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H <sub>2</sub> O 45/13/1/2 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	94.9% (Nth 12.95%, Nfd 12.29%)
Chloride content (titration)	5.2%

Latest update: December 20, 2017

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