

Analytical Data Sheet

Lot number **1000037387**
not for drug use

Product Bz-Pro-Phe-Arg-pNA · HCl

Product number **4012267.0050**

Molecular formula C₃₃H₃₈N₆O₆ · HCl

Relative molecular mass 679.18

Tests	Results
Appearance	yellowish product
Appearance of solution	clear, yellowish solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 ethylacetate/pyridine/acetic acid/ H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	94.4% (Nth 16.52%, Nfd 15.60%)
Water content (KF volumetric)	2.6%
Chloride content (titration)	5.0%

Latest update: August 25, 2020

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