

Analytical Data Sheet

Lot number **1067030**
not for drug use

Catalog number **L-1135.0250**
Product number **4009629.0250**
Product **Bz- D- Arg- pNA · HCl**
Molecular formula **C₁₉H₂₂N₆O₄ · HCl**
Relative molecular mass **434.88**

Tests	Results
Appearance	slightly yellow powder
Appearance of solution	clear, slightly yellow solution (5 % in MeOH)
Identification (TLC)	complies with authentic material
Melting point	226 °C
Specific optical rotation	$[\alpha]_D^{24} = -13.2^\circ$ (1 % in MeOH)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 15/4/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine
Water content (KF volumetric)	< 0.5%
Chloride content (titration)	8.5%

Latest update: July 22, 2016

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