

Analytical Data Sheet

Lot number **1000009279**
not for drug use

Catalog number **K-1125.0005**
Product number **4000654.0005**
Product **Bz- DL- Arg- βNA · HCl**
Molecular formula $C_{23}H_{25}N_5O_2 \cdot HCl$
Relative molecular mass 439.95

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (TLC)	complies with authentic material
Melting point	198 °C
Purity (TLC)	> 99%
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	97.7% (Nth 15.92 %, Nfd 15.56 %)
Water content (KF volumetric)	2.5%
Chloride content (titration)	7.9% (AgNO ₃)

Latest update: November 29, 2018

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