

Analytical Data Sheet

Lot number **1066079**
not for drug use

Catalog number **K-1125.0001**
Product number **4000654.0001**
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 product								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 62.79 %</td><td>C = 62.42 %</td></tr><tr><td>H = 5.96 %</td><td>H = 6.12 %</td></tr><tr><td>N = 15.92 %</td><td>N = 15.53 %</td></tr></tbody></table> <p>calc as HCl (8.1 %)</p>	Theory	Found	C = 62.79 %	C = 62.42 %	H = 5.96 %	H = 6.12 %	N = 15.92 %	N = 15.53 %
Theory	Found								
C = 62.79 %	C = 62.42 %								
H = 5.96 %	H = 6.12 %								
N = 15.92 %	N = 15.53 %								
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 32% 15/4/1 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Chloride content (titration)	8.1% (AgNO ₃)								

Latest update: May 30, 2016

Analytical Data Sheet
Lot number **1066079**