

Analytical Data Sheet

Lot number **1068861**
not for drug use

Catalog number **J-1250.0250**
Product number **4002544.0250**
Product **H- Lys- Ala- 4MβNA · 2 HCl**
Molecular formula **C₂₀H₂₈N₄O₃ · 2 HCl**
Relative molecular mass **445.39**

Tests	Results
Appearance	beige crystals
Appearance of solution	clear, slightly yellow solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% 4-methoxy-β-naphthylamine
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	94.2% (Nth 12.58%, Nfd 11.85%)
Water content (KF volumetric)	3.2%
Chloride content (titration)	15.7%
General comment	hygroscopic product

Latest update: December 02, 2016

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