

Analytical Data Sheet

Lot number **1067507**
not for drug use

Catalog number **J-1005.0250**
Product number **4002195.0250**
Product **H- Ala- 4MβNA · HCl**
Molecular formula **C₁₄H₁₆N₂O₂ · HCl**
Relative molecular mass **280.75**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Purity (TLC)	> 99%
Related impurities (TLC)	< 0.1% 4-Methoxy-β-naphthlamide
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	81.7% (Nth 11.47 %, Nfd 9.37 %)
Water content (KF volumetric)	2.2%
Residual organic solvents (GC)	4.3% ethylacetate
Chloride content (titration)	11.9% (AgNO ₃)

Latest update: September 01, 2016

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