

Analytical Data Sheet

Lot number **1068372**
not for drug use

Catalog number **L-1115.1000**
Product number **4002751.1000**
Product **H- Ala- Pro- pNA hydrochloride salt**
Molecular formula **C₁₄H₁₈N₄O₄**
Relative molecular mass **306.32**

| Tests | Results |
|-------------------------------|---|
| Appearance | yellow powder |
| Appearance of solution | clear, yellow solution |
| Identification (TLC) | conforms with authentic material |
| Purity (TLC) | > 99% |
| Related impurities (TLC) | < 0.1% pNA |
| TLC conditions | ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine |
| Assay (elemental analysis) | 87.4% (Nth 18.29 %, Nfd 15.99 %) |
| Water content (KF volumetric) | 1.8% |
| Chloride content (titration) | 10.2% |

Latest update: October 20, 2016

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