

Analytical Data Sheet

Lot number **1068878**
not for drug use

Catalog number **L-1115.0250**
Product number **4002751.0250**
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: November 29, 2016

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