

Analytical Data Sheet

Lot number **1073437**
not for drug use

Catalog number **L-1095.0250**
Product number **4002753.0250**
Product **H- Ala- Ala- Phe- pNA**
Molecular formula $C_{21}H_{25}N_5O_5$
Relative molecular mass 427.46

Tests	Results
Appearance	White powder
Appearance of solution	clear, yellowish solution in AcOH 80 % (50 mg/ml)
Identification (TLC)	Complies with authentic material
Purity (TLC)	> 98%
Related impurities (TLC)	< 0.1% pNA
TLC conditions	Ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 Chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 Chloroform/methanol/toluene/H ₂ O 8/8/8/1 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.0% (Nth 16.38 %, Nfd 16.22 %)

Latest update: September 18, 2017

Analytical Data Sheet
Lot number **1073437**