

Analytical Data Sheet

Lot number **1070191**
not for drug use

Catalog number **H-1595.0250**
Product number **4000510.0250**
Product **H- Ala- Pro- Ala- OH**
Molecular formula $C_{11}H_{19}N_3O_4$
Relative molecular mass 257.29

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in H ₂ O)
Identification (ESI-MS)	m = 257.1u (average mass)
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	93.3% (Nth 16.33 %, Nfd 15.24 %)
Water content (KF volumetric)	5.1%

Latest update: February 15, 2017

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