

Analytical Data Sheet

Lot number

1050463

not for drug use

Catalog Number	H-1445.0250
Product number	4001262.0250
Product	H- Ala- Ala- Tyr- OH
Molecular formula	C ₁₅ H ₂₁ N ₃ O ₅
Relative molecular mass	323.35

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in water)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, 3,3', 5,5'-tetramethylbenidin
Assay (elemental analysis)	94.5% (Nth 13.00 %, Nfd 12.29 %)
Water content (KF volumetric)	4.2%
General comment	this product is hygroscopic
Latest update: October 21, 2013	

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