

Analytical Data Sheet

Lot number **1000029099**
not for drug use

Catalog number **M-1090.0001**
Product number **4010702.0001**
Product **H- Ala- Ala- Ala- OMe acetate salt**
Molecular formula $C_{10}H_{19}N_3O_4$
Relative molecular mass 245.28

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	79.9% (Nth 17.13 %, Nfd 13.68 %)
Water content (KF volumetric)	0.5%

Latest update: February 25, 2020

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