

Analytical Data Sheet

Lot number

1027868

not for drug use

Catalog Number	G-1005.0005
Product number	4012008.0005
Product	Ac- Ala- Ala- OMe
Molecular formula	C ₉ H ₁₆ N ₂ O ₄
Relative molecular mass	216.24

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Melting point	150 °C
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.8% (Nth 12.95%, Nfd 12.92%)
Water content (KF volumetric)	0.1%
Latest update: December 01, 2009	

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