

Analytical Data Sheet

Lot number	1000041764 not for drug use
Product	FA-Gly-Leu-Ala-OH
Product number	4013707.0050
Molecular formula	C ₁₈ H ₂₅ N ₃ O ₆
Relative molecular mass	379.42

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in MeOH)
Identification (ESI-MS)	m = 379.1u (average mass)
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 ethylacetate/pyridine/acetic acid/ H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine, ammoniummolybdate
Assay (elemental analysis)	98.7% (Nth 11.07%, Nfd 10.93%)
Water content (KF volumetric)	0.2%

Latest update: November 27, 2020

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