

Analytical Data Sheet

Lot number

1025296

not for drug use

Catalog Number	H-3435.0005
Product number	4026699.0005
Product	H- Gly- Gly- Leu- OH
Molecular formula	C ₁₀ H ₁₉ N ₃ O ₄
Relative molecular mass	245.28

Tests	Results
Appearance	white product
Appearance of solution	clear, colorless solution (50 mg/ml acetic acid 80 %)
Identification (TLC)	conforms with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -28.8^\circ$ (1 % in H ₂ O)
Purity (TLC)	> 99%
TLC conditions	methanol/chloroform/ammonia 17% 2/2/1 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: ninhydrin, chlorine-tolidine
Water content (KF volumetric)	6.3%
Latest update: July 13, 2009	

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