

Analytical Data Sheet

Lot number

1048727

not for drug use

Catalog Number	H-3615.0005
Product number	4002533.0005
Product	H- Gly- Pro- Ala- OH
Molecular formula	C ₁₀ H ₁₇ N ₃ O ₄
Relative molecular mass	243.26

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (ESI-MS)	m= 243.3u (average mass)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -143.0^\circ$ (1% in water)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Water content (KF volumetric)	3.8%
Latest update: June 20, 2013	

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