

Analytical Data Sheet

Lot number

1026797

not for drug use

Catalog Number	G-1325.0001
Product number	4006125.0001
Product	H- Ala- D- Phe- OH
Molecular formula	C ₁₂ H ₁₆ N ₂ O ₃
Relative molecular mass	236.27

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in AcOH 80 %)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -9.5^\circ$ (1 % in 1 N HCl)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 n-butanol/acetic acid/H ₂ O/pyridine 30/6/24/20 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Latest update: October 02, 2009	Analytical Data Sheet Lot number 1026797