

Analytical Data Sheet

Lot number

0569075

not for drug use

Catalog Number	H-4085.1000
Product number	4000358.1000
Product	H- Lys- Ala- Ala- OH acetate salt
Molecular formula	C ₁₂ H ₂₄ N ₄ O ₄
Relative molecular mass	288.35

Tests	Results	
Appearance	white powder	
Appearance of solution	clear, colorless solution (5 % in water)	
Purity (TLC)	> 99%	
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: ninhydrin, chlorine-tolidine	
Assay (elemental analysis)	71 % (Nth 19.43 %, Nfd 13.71 %)	
Water content (KF volumetric)	0.8%	
Acetic acid content (HPLC)	27.8%	
Latest update: October 25, 2008		Analytical Data Sheet Lot number 0569075