

Analytical Data Sheet

Lot number

1041154

not for drug use

Catalog Number	H-3895.0250
Product number	4016954.0250
Product	H- Leu- Gly- Pro- OH
Molecular formula	C ₁₃ H ₂₃ N ₃ O ₄
Relative molecular mass	285.34

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in H ₂ O)
Identification (FAB-MS)	[M + H] ⁺ : m/z = 286 u
Purity (TLC)	> 98%
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)	93 % (Nth 14.73 %, Nfd 13.76 %)
Water content (KF volumetric)	3.2%
Latest update: February 16, 2012	

Analytical Data Sheet
Lot number **1041154**