

Analytical Data Sheet

Lot number

1043134

not for drug use

Catalog Number	G-1180.0005
Product number	4000461.0005
Product	H- Ala- Asn- OH
Molecular formula	C ₇ H ₁₃ N ₃ O ₄
Relative molecular mass	203.20

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in 80% acetic acid)
Identification (TLC)	complies with authentic material
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
Assay (elemental analysis)	97.8% (Nth 20.68%, Nfd 20.22%)
Water content (KF volumetric)	1.3%
Latest update: August 15, 2012	

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