

Analytical Data Sheet

Lot number **1058017**
not for drug use

Catalog number **F-4265.1000**
Product number **4075013.1000**
Product **H- γ - azido- Abu- OH**
Molecular formula **C₄H₈N₄O₂**
Relative molecular mass **144.13**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (elemental analysis)	Theory Found C = 33.3% C = 33.5% H = 5.6% H = 5.6% N = 38.9% N = 39.9%
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 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	100.0% (Nth 38.87% Nfd 38.88%)
Water content (KF volumetric)	0.2%