

Analytical Data Sheet

Lot number **1073810**
not for drug use

Catalog number **F-3325.0005**
Product number **4026182.0005**
Product **H- Lys(acetimidoyl) - OH**
Molecular formula $C_8H_{17}N_3O_2$
Relative molecular mass 187.24

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/mL in water)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
Related impurities (TLC)	≤ 0.1% H-Lys-OH
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)	69.7% (Nth 22.44%, Nfd 15.64%)
Water content (KF volumetric)	1.3%
General comment	hygroscopic product

Latest update: November 24, 2017

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