

Analytical Data Sheet

Lot number **1069646**
not for drug use

Catalog number **F-3325.0001**
Product number **4026182.0001**
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
Specific optical rotation	$[\alpha]_D^{24} = +20.9^\circ$ (1% in 80% acetic acid)
Purity (TLC)	$\geq 99\%$
TLC conditions	methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	76.2% (Nth 22.44%, Nfd 16.29%)
Water content (KF volumetric)	2.0%
General comment	product supplied as acetate salt hygroscopic product

Latest update: January 26, 2017

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