

Analytical Data Sheet

Lot number **1000021487**
not for drug use

Catalog number **E-3065.0005**
Product number **4018971.0005**
Product **H- Lys(Aloc) - OH**
Molecular formula $C_{10}H_{18}N_2O_4$
Relative molecular mass 230.27

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in 80% acetic acid)
Identification (elemental analysis)	Theory Found C = 52.2% C = 51.9% H = 7.9% H = 7.5% N = 12.2% N = 12.2%
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Enantiomer content (chiral chromatography)	< 0.1% D-enantiomer
Assay (elemental analysis)	100.2% (Nth 12.17%, Nfd 12.19%)
Water content (KF volumetric)	0.5%
General comment	TSE available

Latest update: September 10, 2019

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