

Analytical Data Sheet

Lot number

1043914

not for drug use

Catalog Number	E-3065.0025
Product number	4018971.0025
Product	H- Lys(Aloc) - OH
Molecular formula	C₁₀H₁₈N₂O₄
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)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 52.2%</td> <td>C = 51.8%</td> </tr> <tr> <td>H = 7.9%</td> <td>H = 7.9%</td> </tr> <tr> <td>N = 12.2%</td> <td>N = 12.1%</td> </tr> </table>	Theory	Found	C = 52.2%	C = 51.8%	H = 7.9%	H = 7.9%	N = 12.2%	N = 12.1%
Theory	Found								
C = 52.2%	C = 51.8%								
H = 7.9%	H = 7.9%								
N = 12.2%	N = 12.1%								
Identification (TLC)	complies with authentic material								
Purity (TLC)	≥ 99%								
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, IRH								
Enantiomer content (GC)	< 0.1% D-enantiomer								
Assay (elemental analysis)	99.6 (Nth 12.17% Nfd 12.12%)								
Water content (KF volumetric)	0.6%								
Latest update: July 30, 2012									