



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-391796  
Lot Number: SAMPLE  
Product Name: Lys-Lys-Lys  
CAS Number: 13184-14-0  
Molecular Formula:  $C_{18}H_{38}N_6O_4$   
Molecular Weight: 402.53

Test	Specification	Result
Appearance	White to off-white powder	White powder
Purity (TLC)	$\geq 97\%$	100.0%
Solution (Color)	Colorless to faint yellow at 50 mg/ml in water	Colorless at 50 mg/ml in water
Solution (Turbidity)	Clear ( $< 3.5$ NTU) at 50 mg/ml in water	Clear at 50 mg/ml in water
Acetate	$\leq 40\%$ (Ion chromatography)	31.8%
Nitrogen Content	20.1 - 21.4% (Corrected for water and acetate content)	21.4%
Peptide Content	$\sim 60\%$	67.0%
Water Content		1.2%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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