



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-296118
Lot Number: SAMPLE
Product Name: Poly-L-Lysine Hydrochloride
CAS Number: 26124-78-7
Molecular Formula: $C_6H_{14}N_2O_2HCL$
Molecular Weight: 15,000-30,000

Test	Specification	Result
Appearance	White solid	Complies
Molecular Weight	15,000 - 30,000	20,900 by viscosity
Molecular Weight		11,400 by MALLS
Solubility	Clear to very slightly hazy Colorless to very faint yellow solution at 50 mg/ml in water	Clear colorless
Degree of Polymerization		127 by viscosity
Degree of Polymerization		69 by MALLS
Water Content (KF)	$\leq 10\%$	2.7%

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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