



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-296120
Lot Number: SAMPLE
Product Name: Poly-L-Proline
CAS Number: 25191-13-3
Molecular Formula: $(C_5H_7NO)_n$
Molecular Weight: 1,000-10,000

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Molecular Weight	1000.00-10000.00 (by Viscosity)	6200.00
Molecular Weight	≥ 1000.00 (determined by MALLS)	4363.00
Solution (Color)	Colorless to Very Faint Yellow	Very Faint Yellow
Solution (Turbidity)	Clear to Slightly Hazy	Very Slightly Hazy
Degree of Polymerization	11.00 - 103.00 (by Viscosity)	64.00
Degree of Polymerization	≥ 11.00 (determined by MALLS)	45.00
Water Content (KF)	≤ 12.00 %	7.00 %

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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