



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-255440
Lot Number: SAMPLE
Product Name: Polylactic acid
CAS Number: 26100-51-6
Molecular Formula: $[C_3H_4O_3]_n$
Molecular Weight: ~60,000 (M_w ~30,000)

Test	Specification	Result
Appearance (Color)	White to light beige	White
Appearance (Form)	Powder to small rods or granules	Granules
Identification (¹ H-NMR)	Consistent with structure	Complies
Molecular Weight	MW: ~60000 MN: ~30000	MW: ~65000 MN: ~32000
Carbon Content		50.24%
Hydrogen Content		5.68%

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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