



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-212085
Lot Number: SAMPLE
Product Name: N-Acetyl-D-glucosamine 6-Sulfate Sodium Salt
CAS Number: 108321-79-5
Molecular Formula: $C_8H_{14}NNaO_9S$
Molecular Weight: 323.25

Test	Specification	Result
Appearance	White powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 97.0\%$ (with pulsed Amperometry)	99.5%
Solubility	Clear colorless solution at 10 mg plus 0.2 ml of water	Complies
Carbon Content	28.7 - 30.4% (Anhydrous)	30.2%
Nitrogen Content	4.0 - 4.6%(Anhydrous)	4.4%
Sodium	6.8 - 8.5%(Anhydrous)	6.8%
Sulfur	9.5 - 10.0%(Anhydrous)	10.0%
Water Content (KF)	$\leq 9.0\%$	6.4%

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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