



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215434
Lot Number: SAMPLE
Product Name: N-Acetyl- α -D-glucosamine 1-phosphate disodium salt
CAS Number: 31281-59-1
Molecular Formula: $C_8H_{14}NO_9PNa_2$
Molecular Weight: 345.15

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 95\%$	100%
Solution (Color)	Colorless	Complies
Solution (Turbidity)	Clear 50mg/ml in water	Complies
Solvent Content (GC)	$\leq 5\%$	3%
Phosphorus	8.0 - 9.6%	8.2%
Sodium	10.0 - 14.0%	11.7%
Water Content (KF)	$\leq 9.0\%$	4.4%

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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