



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-221487
Lot Number: SAMPLE
Product Name: β-D-Glucosamine Pentaacetate
CAS Number: 7772-79-4
Molecular Formula: $C_{16}H_{23}NO_{10}$
Molecular Weight: 389.35

Test	Specification	Result
Appearance	Off-white to light brown powder	Light brown powder
Identification (1H -NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 98\%$	98.14%
Melting Point	184 - 189 °C	184 - 186 °C
Specific Rotation ($\alpha_{20/D}$)	$+1 \pm 3^\circ$ (c=1, $CHCl_3$)	+0.95°

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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