



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-218639
Lot Number: SAMPLE
Product Name: β -L-Fucose 1-phosphate bis(cyclohexylammonium) salt
CAS Number: 28553-11-9
Molecular Formula: $C_6H_{11}O_8P \cdot 2C_6H_{14}N$
Molecular Weight: 442.48

Test	Result
Appearance	White powder
Identification (Infrared Spectrum)	Consistent with structure
Purity (HPLC)	> 99% (single peak)
Purity (TLC)	98%
Solubility	Clear colorless solution at 5 mg plus 0.1 ml of water
ICP-Atomic Emission	Phosphorus: 6.98% (as is basis)
Specific Rotation ($\alpha_{25/D}$)	-14° (c = 1 in water)
Carbon Content	47.68%
Nitrogen Content	6.25%
Water Content (KF)	3.1%

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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