



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-487156
Lot Number: SAMPLE
Product Name: Glucose 1-phosphate dipotassium salt dihydrate
CAS Number: 29732-59-0
Molecular Formula: $C_6H_{11}K_2O_9P \cdot 2H_2O$
Molecular Weight: 372.35

Test	Specification	Result
Purity (Nonaqueous Titration)	$\geq 98.0\%$ (calcd.on anh.substance)	101.4%
Solubility	Almost transparency solution in water	Transparency solution in water
Specific Rotation ($\alpha_{20/D}$)	+70.0 - +80.0° (c = 4, water)	+76.6°
Water Content	9.0 - 11.0%	10.9%

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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