



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-285388
Lot Number: SAMPLE
Product Name: D-Ribose 5-phosphate disodium salt
CAS Number: 18265-46-8
Molecular Formula: $C_5H_9Na_2O_8P$
Molecular Weight: 274.07

Test	Specification	Result
Appearance	White to pale yellow powder	Pale yellow powder
Identification (FTIR)	Consistent with structure	Complies
Purity (Titration)	$\geq 85\%$ (perchloric acid, 0.1 mol/litre)	85.1%
Solubility	Clear colourless to pale yellow solution (5% in water)	Pale yellow solution (5% in water)
Water Content (KF)	$\leq 15\%$	10.0%

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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