



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-214806  
Lot Number: SAMPLE  
Product Name: D-Fructose 6-phosphate dipotassium salt  
CAS Number: 103213-47-4  
Molecular Formula:  $C_6H_{11}O_9PK_2$   
Molecular Weight: 336.32

Test	Specification	Result
Appearance	White to off white powder	White powder
Purity (Enzymatic)	$\geq 97\%$ (dry basis)	102%
Solution (Color)	Colorless to faint yellow at 100 mg/ml in water	Very faint yellow
Solution (Turbidity)	Clear to slightly hazy solution at 100 mg/ml in water	Clear
Solvent Content (GC)	$\leq 5\%$	1%
Fructose 6-phosphate	$\leq 0.05$ mole%	0.00 mole%
Glucose 6-phosphate	$\leq 1.5$ mole%	0.1 mole%
Potassium	20.3 - 26.2% (dry basis)	20.5%
Water Content (KF)	$\leq 14\%$	8%

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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