



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-391124
Lot Number: SAMPLE
Product Name: Sodium Phosphate, Monobasic, Monohydrate, Cell Culture Grade
CAS Number: 10049-21-5
Molecular Formula: $\text{H}_2\text{NaPO}_4 \cdot \text{H}_2\text{O}$
Molecular Weight: 137.99

Test	Specification	Result
Appearance	White crystalline powder	White crystalline powder
Purity (Titration)	$\geq 99\%$	100.3%
pH	~ 4.5 (20 °C)	4.14 (20 °C)
Calcium	$\leq 0.005\%$	$\leq 0.005\%$
Chloride	$\leq 0.0005\%$	$\leq 0.0005\%$
Iron	$\leq 0.0005\%$	$\leq 0.0005\%$
Lead	$\leq 0.0005\%$	$\leq 0.0005\%$
Nitrogen Content	$\leq 0.001\%$	$\leq 0.001\%$
Potassium	$\leq 0.005\%$	$\leq 0.005\%$
Sulfate	$\leq 0.003\%$	$\leq 0.003\%$
Pyrogen		Complies

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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