



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-236918
Lot Number: SAMPLE
Product Name: Sodium phosphate dibasic dodecahydrate
CAS Number: 10039-32-4
Molecular Formula: $\text{HPO}_4 \cdot 2\text{Na} \cdot 12\text{H}_2\text{O}$
Molecular Weight: 358.14

Test	Specification	Result
Appearance	Passes test	Complies
Assay	99.0 - 102.0%	101.4% (alkalimetric)
Identification	Passes test	Complies
pH	9.0 - 9.3	9.1
Heavy Metals (Pb)	$\leq 0.0005\%$	Complies
Loss on Drying	57.0 - 61.0% (130°C)	59.8%
Arsenic	$\leq 0.00005\%$	Complies
Chloride	$\leq 0.0005\%$	Complies
Copper	$\leq 0.0002\%$	Complies
Iron	$\leq 0.0005\%$	Complies
Lead	$\leq 0.0005\%$	Complies
Nitrogen	$\leq 0.001\%$	Complies
Potassium	$\leq 0.005\%$	Complies
Reducing Substances	Passes test	Complies
Sulfate	$\leq 0.005\%$	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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