



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-236917
Lot Number: SAMPLE
Product Name: Sodium phosphate dibasic dihydrate
CAS Number: 10028-24-7
Molecular Formula: $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$
Molecular Weight: 177.99

Test	Specification	Result
Assay	98.0 % - 100.5%	99.9%
Identification (Phosphate)	Pass	Complies
Identification (Test for sodium)	Pass	Complies
Heavy Metals	$\leq 0.002\%$	$< 0.002\%$
Insoluble Matter	$\leq 0.4\%$	0.000%
Loss on Drying	18.5% - 21.5%	20.4%
Arsenic	≤ 16 ppm	< 16 ppm
Chloride	$\leq 0.06\%$	$< 0.06\%$
Sulfate	$\leq 0.2\%$	$< 0.2\%$
Average Aerobic Plate Count	≤ 1000 cfu/gram	< 1000 cfu/gram
Mold/Yeast	≤ 100 cfu/gram	< 100 cfu/gram
Total Coliforms	Negative	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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