



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-300186
Lot Number: SAMPLE
Product Name: Aluminum dihydrogen phosphate, 50% w/w aq. soln.
CAS Number: N/A
Molecular Formula: $\text{Al}(\text{H}_2\text{PO}_4)_3$
Molecular Weight: 317.96 (anhydrous)

Test	Specification	Result
Free Acid	$\leq 0.80\%$	0.60%
Density	1.480 - 1.520 g/ml	1.484 g/ml
pH	2.2 - 2.5	2.4
Aluminum trioxide	7.8 - 8.8%	8.1%
Arsenic	≤ 1 ppm	0%
Chloride	≤ 50 ppm	0 ppm
Iron	≤ 10 ppm	0%
Lead	≤ 10 ppm	0%
Sodium monoxide	$\leq 0.50\%$	0.30%
Sulfate	≤ 200 ppm	0 ppm
Phosphorous pentoxide	33.0 - 37.0%	34.2%

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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