



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-492821
Lot Number: SAMPLE
Product Name: Ammonium polyphosphate
CAS Number: 68333-79-9
Molecular Formula: $(\text{NH}_4\text{PO}_3)_n$
Molecular Weight:

Test	Specification	Result
Appearance	White to off-white powder	White powder
Melting Point	$\geq 360^\circ\text{C}$	$> 360^\circ\text{C}$
pH	5.0 - 7.0 (10% suspension, 25°C)	5.91
Viscosity	≤ 80 (10% suspension, 25°C) mpa.s	11
Nitrogen	14 - 15%	14.64%
Phosphorus pentoxide	$\geq 69\%$	72.27%
Phosphorus	31 - 32%	31.54%

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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