

Certificate of Analysis

Date of Testing: 2025-05-13 13:47:45

Date of Next Testing: 2029-05-12 13:47:45

Product Name: **Ammonium polyphosphate**

CAS Number: 68333-79-9

Specifications & Purity: $n \geq 1000$

Lot #: E2512159

SKU #: **A189185**

Version: **2**

Analysis #: **505210**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Phosphorus (P)	28-30 (%)	29.75 %
Viscosity(10% in water,25°C)	0-20 (mPa·S)	12.24 mPa·S
Particle size	0-25 (μm)	16.28 μm
1%Decomposition temperature	≥ 260 ($^{\circ}\text{C}$)	265.00 $^{\circ}\text{C}$
PH at 25°C(5% in water)	7-9	7.39
Solubility(25°C , 4%H ₂ O suspension)	$\leq 0.5\text{g}/100\text{ml}$	$\leq 0.5\text{g}/100\text{ml}$



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