

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-06 16:27:33
Date of Next Testing: 2026-09-05 16:27:33
Product Name: **Ammonium polyphosphate**
CAS Number: 68333-79-9
Specifications & Purity: $n \geq 1000$
Lot #: I2202398
SKU #: **A189185**
Analysis: **116037**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Phosphorus (P)	28-30 (%)	29.75 %
Viscosity(10% in water,25°C)	0-20 (mPa·S)	8.30 mPa·S
Particle size	0-25 (μm)	15.80 μm
1%Decomposition temperature	278-282 ($^{\circ}\text{C}$)	278.10 $^{\circ}\text{C}$
PH at 25°C(5% in water)	5.5-7.5	6.69
Solubility(25°C , 4%H ₂ O suspension)	$\leq 0.2\text{g}/100\text{ml}$	$\leq 0.2\text{g}/100\text{ml}$



John Su
QA & QC Manager