

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-06 15:11:05  
Date of Next Testing: 2026-09-05 15:11:05  
Product Name: **Ammonium polyphosphate**  
CAS Number: 68333-79-9  
Specifications & Purity: n $\geq$ 1000  
Lot #: I2202399  
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 ( $\mu$ m)	15.80 $\mu$ m
1%Decomposition temperature	278-282 (°C)	278.10 °C
PH at 25°C(5% in water)	5.5-7.5	6.69
Solubility(25°C , 4%H <sub>2</sub> O suspension)	$\leq$ 0.2g/100ml	$\leq$ 0.2g/100ml



John Su  
QA & QC Manager