

## Certificate of Analysis

Date of Testing: 2025-04-14 15:44:05

Date of Next Testing: 2029-04-13 15:44:05

Product Name: **Ammonium polyphosphate**

CAS Number: 68333-79-9

Specifications & Purity:  $n \geq 1000$

Lot #: D2510055

SKU #: **A189185**

Version: **2**

Analysis #: **477988**

Storage Temperature: Room temperature

| Parameter                                        | Limit Values                    | Result                          |
|--------------------------------------------------|---------------------------------|---------------------------------|
| Phosphorus (P)                                   | 28-30 (%)                       | 29.77 %                         |
| Viscosity(10% in water,25°C)                     | 0-20 (mPa·S)                    | 12.20 mPa·S                     |
| Particle size                                    | 0-25 ( $\mu\text{m}$ )          | 14.48 $\mu\text{m}$             |
| PH at 25°C(5% in water)                          | 7-9                             | 7.57                            |
| 1%Decomposition temperature                      | $\geq 260$ (°C)                 | 275.00 °C                       |
| Solubility(25°C , 4%H <sub>2</sub> O suspension) | $\leq 0.2\text{g}/100\text{ml}$ | $\leq 0.5\text{g}/100\text{ml}$ |



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