

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-23 11:02:32

Date of Next Testing: 2029-04-22 11:02:32

Product Name: **Ammonium phosphate monobasic**

CAS Number: 7722-76-1

Specifications & Purity: $\geq 99.99\%$ metals basis

Lot #: D2516314

SKU #: **V30005**

Version: **0**

Analysis #: **503023**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
(NO ₃)Nitrate	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Total Metallic Impuritie	0-100 (ppm)	0.00 ppm
Calcium(Ca)	0-0.001 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
Purity (Titration by NaOH)	99-100 (%)	99.91 %
Iron(Fe)	0-0.001 (%)	0.00 %
Chloride(Cl ⁻)	0-5 (ppm)	0.00 ppm
PH at 25°C(5% in water)	3.8-4.4	4.40
ICP: Confirms Phosphorus Component	Confirmed	Confirmed
Solubility in H ₂ O , Colorless,Clear,100 mg/mL, H ₂ O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(V30005)	White crystals	White crystals

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Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

