

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-14 18:09:47  
 Date of Next Testing: 2026-06-13 18:09:47  
 Product Name: **Ammonium phosphate monobasic**  
 CAS Number: 7722-76-1  
 Specifications & Purity:  $\geq 99.99\%$  metals basis  
 Lot #: F2210459  
 SKU #: **A111772**  
**Analysis: 083205**

Parameter	Limit Values	Result
(NO <sub>3</sub> )Nitrate	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	2.50 ppm
Total Metallic Impuritie	0-100 (ppm)	25.00 ppm
Calcium(Ca)	0-0.001 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.01 (%)	0.01 %
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 (%)	99.51 %
Iron(Fe)	0-0.001 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-5 (ppm)	1.80 ppm
PH at 25°C(5% in water)	3.8-4.4	4.39
Appearance (A111772)	White crystals	White crystals
ICP: Confirms Phosphorus Component	Confirmed	Confirmed
Solubility in H <sub>2</sub> O , Colorless,Clear,100 mg/mL, H <sub>2</sub> O	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager