

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-18 10:54:54
 Date of Next Testing: 2029-07-17 10:54:54
 Product Name: **Ammonium phosphate monobasic(APM)**
 CAS Number: 7722-76-1
 Specifications & Purity: HPLC grade, ≥99%(T)
 Lot #: I2129198
 SKU # **A111775**
 Version **1**
 Analysis #: **543436**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
UV Absorbance 210nm	0-0.05	0.03750
UV Absorbance 230nm	0-0.03	0.02080
UV Absorbance 220nm	0-0.04	0.02860
UV Absorbance 240nm	0-0.02	0.01340
Purity (T)	99-100 (%)	99.77500 %
pH	4-5	4.23400
UV Absorbance 500nm	0-0.02	0.00000
Assay	99-102.5 (%)	99.99940 %
Appearance (A111775)	White Powder or Crystals	White Powder or Crystals
Filtration test	corresponds to standard	corresponds to standard
RP gradient test	pass test	pass test
Solubility in H ₂ O , soluble 0.1 g/mL at 25 °C, clear, colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
λ, 10% in H ₂ O	Pass	Pass



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager