

Certificate of Analysis

Date of Testing: 2024-06-03 17:12:55

Date of Next Testing: 2028-06-02 17:12:55

Product Name: **Ammonium phosphate monobasic**

CAS Number: 7722-76-1

Specifications & Purity: for HPLC, ≥99.0%(T)

Lot #: E2420590

SKU #: **A111775**

Version **1**

Analysis #: **396541**

Parameter	Limit Values	Result
UV Absorbance 210nm	0-0.05	0.02
UV Absorbance 230nm	0-0.03	0.01
UV Absorbance 220nm	0-0.04	0.01
UV Absorbance 240nm	0-0.02	0.01
Purity (T)	99-100 (%)	99.82 %
PH	4-5	4.40
UV Absorbance 500nm	0-0.02	0.00
Assay	99-102.5 (%)	100.00 %
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



John Su
QA & QC Manager