

## Certificate of Analysis

Date of Testing: 2023-02-02 13:09:03  
Date of Next Testing: 2027-02-01 13:09:03  
Product Name: **Ammonium phosphate monobasic**  
CAS Number: 7722-76-1  
Specifications & Purity: for HPLC,  $\geq 99.0\%$ (T)  
Lot #: A2331471  
SKU #: **A111775**  
Analysis: **181831**

Parameter	Limit Values	Result
UV Absorbance 210nm	0-0.05	0.03
UV Absorbance 230nm	0-0.03	0.02
UV Absorbance 220nm	0-0.04	0.02
UV Absorbance 240nm	0-0.02	0.01
Purity (T)	99-100 (%)	99.95 %
PH	4-5	4.16
UV Absorbance 500nm	0-0.02	0.00
Assay	99-102.5 (%)	99.99 %
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 <sub>2</sub> O , soluble 0.1 g/mL at 25 °C, clear, colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
$\lambda$ , 10% in H <sub>2</sub> O	Pass	Pass



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QA & QC Manager