

## Certificate of Analysis

Date of Testing: 2022-09-22 18:14:54  
Date of Next Testing: 2026-09-21 18:14:54  
Product Name: **Ammonium phosphate monobasic**  
CAS Number: 7722-76-1  
Specifications & Purity: for HPLC,  $\geq 99.0\%$ (T)  
Lot #: I2216112  
SKU #: **A111775**  
**Analysis: 138992**

Parameter	Limit Values	Result
UV Absorbance 210nm	0-0.05	0.04
UV Absorbance 230nm	0-0.03	0.03
UV Absorbance 220nm	0-0.04	0.03
UV Absorbance 240nm	0-0.02	0.02
Purity (T)	99-100 (%)	99.62%
PH	4-5	4.50
UV Absorbance 500nm	0-0.02	0.02
Assay	99-102.5 (%)	99.96%
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



John Su  
QA & QC Manager