

Certificate of Analysis

Date of Testing: 2021-03-24 10:49:07
 Date of Next Testing: 2025-03-23 10:49:07
 Product Name: **Ammonium phosphate monobasic**
 CAS Number: 7722-76-1
 Specifications & Purity: for HPLC, $\geq 99.0\%$ (T)
 Lot #: C2120025
 SKU #: **A111775**
 Analysis: **003882**

Parameter	Limit Values	Result
UV Absorbance 210nm	0-0.05	0.02
UV Absorbance 230nm	0-0.03	0.02
UV Absorbance 220nm	0-0.04	0.01
UV Absorbance 240nm	0-0.02	0.01
Purity (T)	99-100 (%)	99.88 %
PH	4-5	4.42
UV Absorbance 500nm	0-0.02	0.01
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