



CERTIFICATE OF ANALYSIS

Product Name: Ammonium Phosphate, Monobasic
Catalog Number: A008 Lot Number: 31120307
Molecular Formula: $\text{NH}_4\text{H}_2\text{PO}_4$ CAS Number: 7722-76-1
Formula Weight: 115.03

| <u>Test</u> | <u>Specifications</u> | <u>Results</u> |
|---------------------------|-----------------------|----------------|
| Assay | $\geq 98.0 \%$ | 99.10 % |
| pH of a 5 % Solution | 3.8 - 4.4 | 4.37 |
| Insoluble Matter | $\leq 0.005 \%$ | < 0.005 % |
| Chloride (Cl) | $\leq 5 \text{ ppm}$ | < 5 ppm |
| Nitrate (NO_3) | $\leq 0.001 \%$ | < 0.001 % |
| Sulfate (SO_4) | $\leq 0.01 \%$ | < 0.01 % |
| Heavy Metals (as Pb) | $\leq 5 \text{ ppm}$ | < 5 ppm |
| Iron (Fe) | $\leq 0.001 \%$ | < 0.001 % |
| Sodium (Na) | $\leq 0.005 \%$ | < 0.005 % |
| Potassium (K) | $\leq 0.005 \%$ | < 0.005 % |
| Calcium (Ca) | $\leq 0.001 \%$ | < 0.001 % |
| Magnesium (Mg) | $\leq 0.0005 \%$ | < 0.0005 % |

Additional Information:

Store at 15 to 30°C

Retest Date: 30-Nov-2017

This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for Laboratory Use Only

Becky Kowallis 8/27/2015
Quality Control