



PRODUCT SPECIFICATION SHEET
PHOSPHORIC ACID 85%
 Meets ACS GRADE Monograph

Main Catalog #: 286000ACS-Size Code*

Available in the following sizes:

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| *Refer to Master Price List – Individual package sizes have unique size codes |
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| TEST | SPECIFICATION | TYPICAL ANALYSIS |
|---|---------------|------------------|
| Assay (H ₃ PO ₄) wt. % | 85.0% min. | 85.8% |
| Antimony (Sb) | 0.002% Max. | < 0.002% |
| Color, APHA | 10 Max. | < 10 |
| Calcium (Ca) | 0.002% Max | < 0.002% |
| Chloride (Cl) | 3 ppm Max. | < 3 ppm |
| Nitrate (NO ₃) | 5 ppm Max. | < 5 ppm |
| Sulfate (SO ₄) | 0.003% Max | < 0.003% |
| Volatile Acids (as CH ₃ COOH) | 0.001% Max. | < 0.001% |
| Arsenic (As) | 1 ppm Max. | <1 ppm |
| Heavy Metals (by ICP-OES) | 0.001% Max. | < 0.001% |
| Iron (Fe) | 0.003% Max. | < 0.003% |
| Manganese (Mn) | 0.5 ppm Max. | <0.5 ppm |
| Potassium (K) | 0.005% Max. | < 0.005% |
| Sodium (Na) | 0.025% Max. | < 0.025% |
| Reducing Substances | To Pass Test | Pass |
| Magnesium (Mg) | 0.002% Max. | < 0.002% |
| Insoluble Matter | 0.001% Max. | <0.001% |

Form: Phosphoric Acid, ACS, Rev.1.1, 06/21, PJM

This product is for further commercial manufacturing, laboratory or research use, and may be used as a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.