



**PRODUCT SPECIFICATION SHEET**  
**PHOSPHORIC ACID 85%**  
 Meets ACS GRADE Monograph

Main Catalog #: 286000ACS-Size Code\*

Available in the following sizes:

*Refer to Master Price List – Individual package sizes have unique size codes
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TEST	SPECIFICATION	TYPICAL ANALYSIS
Assay (H <sub>3</sub> PO <sub>4</sub> ) 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 <sub>3</sub> )	5 ppm Max.	< 5 ppm
Sulfate (SO <sub>4</sub> )	0.003% Max	< 0.003%
Volatile Acids (as CH <sub>3</sub> COOH)	0.001% Max.	< 0.001%
Arsenic (As)	1 ppm Max.	<1 ppm
Heavy Metals (as Pb)	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.1.0, 12/17, EF

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or 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.