



# Product Specifications

PRODUCT NAME: Phosphoric Acid 85%  
ACS

CHEMICAL FORMULA: H3PO4

Product Code: 403500-90000  
F.W.: 98.0000  
CAS No: 7664-38-2  
Density: 1.69


| ITEM                      | SPECIFICATIONS |
|---------------------------|----------------|
| Heavy metals (by ICP-OES) | 10 ppm max.    |
| Assay (H3PO4)             | 85.0% min.     |
| Sodium (Na)               | 250 ppm max.   |
| Antimony (Sb)             | 20 ppm max.    |
| Sulfate (SO4)             | 30 ppm max.    |
| Arsenic (As)              | 1 ppm max.     |
| Calcium (Ca)              | 20 ppm max.    |
| Chloride (Cl)             | 3 ppm max.     |
| Magnesium (Mg)            | 20 ppm max.    |
| Reducing Substances       | To pass test   |
| Volatile Acids (CH3COOH)  | 10 ppm max.    |
| Insol. matter             | 10 ppm max     |
| Iron (Fe)                 | 30 ppm max.    |
| Manganese (Mn)            | 0.5 ppm max.   |
| Nitrate (NO3)             | 5 ppm max.     |
| Potassium (K)             | 50 ppm max.    |
| Color (APHA)              | 10 max.        |
| Manufacture Date          | Record Actual  |
| Expiration Date           | 2 years        |

Remarks:

The above are the specifications, ranges and limits set for this product.

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose.

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Quality Assurance Manager

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