

# Product Specification

## Phosphoric Acid, ACS Reagent Grade

**Lot Number:** SAMPLE

**Product Number:** RABP0030

**Date Packaged:** N/A

**Expiration Date:** N/A

Chemical Formula: H<sub>3</sub>PO<sub>4</sub>  
Formula Weight: 98.00

Contains
----------

H<sub>3</sub>PO<sub>4</sub> CAS No. 7664-38-2 MW 98.00

Test	Specification	Result
Antimony (Sb)	max 0.002 %	N/A
Arsenic (As)	max 1 ppm	N/A
Assay	min 85.0 %	N/A
Calcium (Ca)	max 0.002 %	N/A
Chloride (Cl)	max 3 ppm	N/A
Color (APHA)	max 10	N/A
Heavy Metals (as Pb)	max 0.001 %	N/A
Insoluble Matter	max 0.001 %	N/A
Iron (Fe)	max 0.003 %	N/A
Magnesium (Mg)	max 0.002 %	N/A
Manganese (Mn)	max 0.5 ppm	N/A
Nitrate (NO <sub>3</sub> )	max 5 ppm	N/A
Potassium (K)	max 0.005 %	N/A
Reducing Substances	To Pass Test	N/A
Sodium (Na)	max 0.025 %	N/A
Sulfate (SO <sub>4</sub> )	max 0.003 %	N/A
Volatile acids (as CH <sub>3</sub> COOH)	max 0.001 %	N/A

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RABP0030-2.5D1	2.5 L glass	36 months
RABP0030-4C	4 L amber glass	36 months
RABP0030-500D1	500 mL glass	36 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."