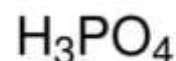


## Product Specification

Product Name:

**Phosphoric acid, *PurReagent*, Meets analytical specification, 85.0-88.0%**

Product No.: PSR38026  
Brand: PureSynth  
CAS No.: 7664-38-2  
Molecular Formula: H<sub>3</sub>PO<sub>4</sub>  
Molecular Weight: 98.0 g/mol



Test	Specification
Description	Colorless liquid
Assay	85.0 - 88.0 %
Volatile acids (CH <sub>3</sub> COOH)	NMT 0.001 %
Arsenic (As)	NMT 0.0002 %
Magnesium (Mg)	NMT 0.0005 %
Mercury (Hg)	NMT 0.0001 %
Potassium (K)	NMT 0.0005 %
Cadmium (Cd)	NMT 0.0003 %
Copper (Cu)	NMT 0.001 %
Iron (Fe)	NMT 0.001 %
Zinc (Zn)	NMT 0.001 %
Lead (Pb)	NMT 0.0003 %
Sulphate (SO <sub>4</sub> )	NMT 30 ppm
Heavy metals (As Pb)	NMT 0.0005 %
Chloride (Cl)	NMT 0.0005 %
Fluoride (F)	NMT 0.0005 %
Sulphate (SO <sub>4</sub> )	NMT 0.005 %
Nitrate (NO <sub>3</sub> )	NMT 0.0005 %
Manganese (Mn)	NMT 0.5 ppm
Phosphite, Hypoph.(H <sub>3</sub> PO <sub>3</sub> )	NMT 0.003 %
KMnO <sub>4</sub> red. matter (as O)	NMT 0.001 %
Subst. precipitated by NH <sub>3</sub>	Complying
Residual solvents	Complying
Reducing impurities	Complying

Specification: PR-1.0-QA/080

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com