

Product Specification

Product Name:

Phosphoric acid, ACS **PurReagent, ≥85 wt. % in H₂O**

Product No.: PSR20546
Brand: PureSynth
CAS No.: 7664-38-2
Molecular Formula: H₃PO₄
Molecular Weight: 98.0 g/mol



Test	Specification
Appearance	Colorless liquid
Assay	≥ 85.0 %
APHA	NMT 10
Volatile Acids (CH ₃ COOH)	NMT 0.001 %
Water insoluble matter	NMT 0.001 %
Arsenic (As)	NMT 1 ppm
Antimony (Sb)	NMT 0.002 %
Calcium (Ca)	NMT 0.002 %
Chloride (Cl)	NMT 3 ppm
Iron (Fe)	NMT 0.003 %
Magnesium (Mg)	NMT 0.002 %
Manganese (Mn)	NMT 0.5 ppm
Nitrate (NO ₃)	NMT 5 ppm
Potassium (K)	NMT 0.005 %
Sodium (Na)	NMT 0.025 %
Sulphate (SO ₄)	NMT 0.003 %
Meets ACS Requirements	Conforms

Specification: PR-1.0-QA/821, Ver. No. 1.1, 21.07.2026.

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