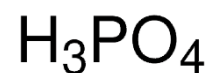


Product Specification

Product Name:

Phosphoric acid, *PurReagent*, ≥99.0%

Product No.: PSR37559
Brand: PureSynth
CAS No.: 7664-38-2
Molecular Formula: H_3PO_4
Molecular Weight: 98.0 g/mol



Test	Specification
Appearance	White crystalline powder
Assay (By Titration)	≥ 99.0 %
Melting point	38 - 42 °C
Arsenic (As)	NMT 1.0 ppm
Calcium (Ca)	NMT 10.0 ppm
Cadmium (Cd)	NMT 1.0 ppm
Cobalt (Co)	NMT 1.0 ppm
Chromium (Cr)	NMT 1.0 ppm
Copper (Cu)	NMT 1.0 ppm
Iron (Fe)	NMT 10.0 ppm
Potassium (K)	NMT 5.0 ppm
Magnesium (Mg)	NMT 1.0 ppm
Manganese (Mn)	NMT 1.0 ppm
Sodium (Na)	NMT 50.0 ppm
Nickel (Ni)	NMT 1.0 ppm
Lead (Pb)	NMT 1.0 ppm
Zinc (Zn)	NMT 1.0 ppm
Chloride (Cl)	NMT 5.0 ppm
Nitrate (NO_3)	NMT 5.0 ppm
Sulphate (SO_4)	NMT 30.0 ppm
Substances Reducing Potassium Permanganate (as O)	NMT 20.0 ppm
Volatile Acids (CH_3COOH)	NMT 20.0 ppm
Identification by IR	Conforms to structure
Phosphite and Hypophosphite (as H_3PO_3)	NMT 500.0 ppm

Specification No.: PR-1.0-QA/634

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