



Material	70012-543
Material description	Orthophosphoric acid
Grade	ACS
CAS Number	7664-38-2
Molecular formula	H3PO4
Molecular mass	98.00

## Characteristics

## Specifications

Assay	Min. 85.0 %
Reducing substances	Passes test
Color	Max. 10 APHA
Heavy metals (as Pb)	Max. 0.001 %
Insoluble matter	Max. 0.001 %
Volatile acids (as CH3COOH)	Max. 0.001 %
Cl (Chloride)	Max. 3 ppm
NO3 (Nitrate)	Max. 5 ppm
SO4 (Sulphate)	Max. 0.003 %
As (Arsenic)	Max. 1 ppm
Ca (Calcium)	Max. 0.002 %
Fe (Iron)	Max. 0.003 %
K (Potassium)	Max. 0.005 %
Mg (Magnesium)	Max. 0.002 %
Mn (Manganese)	Max. 0.5 ppm
Na (Sodium)	Max. 0.025 %
Sb (Antimony)	Max. 0.002 %
Appearance	Clear colourless liquid

## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Michel Boisvert, Head of the Laboratory - Lachine  
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