

# *Chem-Impex International, Inc.*

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## *Product Specifications*



<b>Catalogue Number</b>	32006
<b>Product</b>	<b>Phosphoric acid</b> Orthophosphoric acid
<b>CAS Number</b>	7664-38-2
<b>Molecular Formula</b>	H <sub>3</sub> O <sub>4</sub> P
<b>Molecular Weight</b>	98
<b>Appearance</b>	Clear colorless liquid
<b>Color (APHA)</b>	≤ 10
<b>Heavy Metals</b>	≤ 0.001% (as Pb)
<b>Anion</b>	Chloride (Cl) : ≤ 3 ppm Sulfate (SO <sub>4</sub> ) : ≤ 0.003% Nitrate (NO <sub>3</sub> ) : ≤ 5 ppm
<b>Cation</b>	Antimony (Sb) : ≤ 0.002% Calcium (Ca) : ≤ 0.002% Magnesium (Mg) : ≤ 0.002% Potassium (K) : ≤ 0.005% Sodium (Na) : ≤ 0.025% Iron (Fe) : ≤ 0.2 ppm Arsenic (As) : ≤ 1 ppm Manganese (Mn) : ≤ 0.5 ppm
<b>Reducing Substances</b>	Conforms
<b>Insoluble material</b>	≤ 0.001%

# *Product Specifications*

**Catalog Number: 32006**

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<b>Volatile Impurities</b>	Acetic acid (as CH <sub>3</sub> COOH) : ≤ 0.001%
<b>Assay by titration</b>	85 - 87%
<b>Grade</b>	ACS Reagent
<b>Storage</b>	Store at RT

**For Laboratory Use Only**