

# Laszlo Corporation

## PHOSPHORIC ACID 75% Tech Grade

**Product Description:** Phosphoric Acid is manufactured using the Furnace Grade method. The product meets food (Codex) specifications and is a water-white liquid.

	<u>TYPICAL PROPERTIES</u>	<u>SPECS</u>
Assay as H <sub>3</sub> PO <sub>4</sub> %	75.1%	75% min
P <sub>2</sub> O <sub>5</sub> : %	54.4	
Specific Gravity	1.57	1.57±0.05
Pounds/US gallon	13.17	
Boiling Point (°F/°C)	275/135	
Freezing Point (°F/°C)	0.5/-17.5	
Vapor Pressure (mm Hg@ 20°C)	5.65	
Viscosity @ 25°C	21.5 CP	
Color (AHPA)	< 10	20 max.
Appearance	Transparent Colorless Liquid	

	<u>TYPICAL ANALYSIS</u>	<u>SPECS</u>
Arsenic as As	< 0.2 ppm	1 ppm max
Sulphate as SO <sub>4</sub>	< 25 ppm	25 ppm max
Heavy Metal as Pb	< 5 ppm	5 ppm max.
Chloride as Cl	< 1 ppm	3 ppm max.
Flouride as F	< 1 ppm	1 ppm max
Iron as Fe	< 7 ppm	10 ppm max
Reductive Matter as H <sub>3</sub> PO <sub>3</sub> %	< 0.01	0.012 max.
<i>Heavy Metals (less than - in ppm):</i> Cd=1.0, Cr=1.0, Hg=0.1, Pb=0.3		

### APPLICATIONS

Acidulation of cola soft drinks; Manufacture of phosphate salts; Foods; Drinking water; Corrosion control; Manufacture of cottage and processed cheese, fats and shortenings; pH control in manufacture of imitation jellies; Nutrient in production of yeast.

### PACKAGING

Phosphoric Acid is available in tank cars, tank trucks, totes and drums.

A Material Safety Data Sheet is available upon request.

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