



## TECHNICAL DATA SHEET

# Phosphoric Acid, 75% SP Technical Grade

### Typical Analysis

<u>Chemical Properties</u>	<u>Typical</u>	<u>Specification</u>	<u>Units</u>
Total Acidity as H <sub>3</sub> PO <sub>4</sub>	75.60	75.0-76.0	w/w%
Total Acidity as P <sub>2</sub> O <sub>5</sub>	54.70	54.3-55.1	w/w%
Sulfate (SO <sub>4</sub> )	.30	.5 max.	w/w%
Fluorine (F)	100	250 max	mg/kg
Iron (Fe)	20	50 max	mg/kg
Arsenic (As)	19		mg/kg
Aluminum (Al)	19		mg/kg
Cadmium (Cd)	2.2		mg/kg
Chromium (Cr)	0.8		mg/kg
Nickel (Ni)	1.6		mg/kg
Heavy Metals as Lead (Pb)	30		mg/kg

### Appearance

Clear, nearly  
colorless viscous  
liquid

Specific Gravity @ 20°C

1.58

Density (lbs/gal) @ 20°C

13.2

Viscosity, centistokes

15 @ 20°C

10 @ 30°C

2.4 @ 100°C

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