



## TECHNICAL DATA SHEET

# Phosphoric Acid, 85% HP

## NSF/ANSI 60

### Technical Grade

#### Typical Analysis

<u>Chemical Properties</u>	<u>Typical</u>	<u>Specification</u>	<u>Units</u>
<b>Total Acidity as H<sub>3</sub>PO<sub>4</sub></b>	85.60	85.0-86.0	w/w%
<b>Total Acidity as P<sub>2</sub>O<sub>5</sub></b>	62.06	61.6-62.4	w/w%
<b>Sulfate (SO<sub>4</sub>)</b>	0.30	0.5 max.	mg/kg
<b>Fluorine (F)</b>	8	10 max.	mg/kg
<b>Iron (Fe)</b>	20	50 max	mg/kg
<b>Arsenic (As)</b>	0.5	1.0 max	mg/kg
<b>Aluminum (Al)</b>	19		mg/kg
<b>Cadmium (Cd)</b>	2.2		mg/kg
<b>Chromium (Cr)</b>	0.8		mg/kg
<b>Nickel (Ni)</b>	1.6		mg/kg
<b>Heavy Metals as Lead (Pb)</b>	5		mg/kg

#### Appearance

Clear, nearly  
colorless viscous  
liquid

**Specific Gravity @ 20°C**

1.69

**Density (lbs/gal) @ 20°C**

14.05

**Viscosity, centistokes**

28 @ 20°C

19 @ 30°C

3.8 @ 100°C

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