



TECHNICAL DATA SHEET

Phosphoric Acid, 85% HP Technical Grade

Typical Analysis

<u>Chemical Properties</u>	<u>Typical</u>	<u>Specification</u>	<u>Units</u>
Total Acidity as H₃PO₄	85.60	85.0-86.0	w/w%
Total Acidity as P₂O₅	62.06	61.6-62.4	w/w%
Sulfate (SO₄)	0.30	0.5 max.	mg/kg
Fluorine (F)	8	10 max.	mg/kg
Iron (Fe)	20	50 max	mg/kg
Arsenic (As)	0.5	1.0 max	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)	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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