

PRODUCT SPECIFICATION SHEET

Phosphoric Acid, 85%

Electronic/Semiconductor Grade

Test	Specification	Typical Results
Assay (H ₃ PO ₄), %	85.00 – 87.00	85.00 – 87.00
Insoluble Matter, ppb	Max 20,000	Max 20,000
Color, APHA	Max 7	Max 7
Volatile Acids, ueq/g	Max 0.160	Max 0.160
Heavy Metals, ppb	Max 5,000	Max 5,000
Chloride (Cl), ppb	Max 600	Max 600
Nitrate (NO ₃), ppb	Max 1200	Max 1200
Sulfate (SO ₄), ppm	Max 7000	Max 7000
Aluminum (Al), ppb	Max 100	Max 100
Arsenic and Antimony (as As), ppb	Max 50	Max 50
Barium (Ba), ppb	Max 1000	Max 1000
Calcium (Ca), ppb	Max 50	Max 50
Chromium (Cr), ppb	Max 50	Max 50
Cobalt (Co), ppb	Max 50	Max 50
Copper (Cu), ppb	Max 50	Max 50
Iron (Fe), ppb	Max 50	Max 50
Lead (Pb), ppb	Max 50	Max 50
Lithium (Li), ppb	Max 50	Max 50
Magnesium (Mg), ppb	Max 50	Max 50
Manganese (Mn), ppb	Max 50	Max 50

Nickel (Ni), ppb	Max 50	Max 50
Potassium (K), ppb	Max 60	Max 60
Sodium (Na), ppb	Max 60	Max 60
Strontium (Sr), ppb	Max 20	Max 20
Titanium (Ti), ppb	Max 100	Max 100
Zinc (Zn), ppb	Max 100	Max 100
Particle Count, 0.5 um, ct/ml	Max 50	Max 50
Particle Count, 1.0 um, ct/ml	Max 10	Max 10

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user