



TECHNICAL DATA SHEET(TDS)

Phosphoric Acid 85% Semiconductor/Electronic Grade

Product Specifications (CAS# 7664-38-2)

Test	Specification	Typical Results
Appearance	Colorless & free from suspended matter or sediment	Pass
Assay	85 - 87%	85.55%
Color (APHA)	Max 10	5
Insoluble matter	Max 0.005%	0.0005%
Chloride	Max 3 ppm	<1 ppm
Sulfate	Max 0.003%	<0.001%
Nitrate	Max 5 ppm	<1 ppm
Volatile Acids (as CH ₃ COOH)	Max 0.0016%	<0.001%
Antimony	Max 0.002%	<0.0002%
Calcium	Max 0.002%	<0.0002%
Magnesium	Max 0.002%	<0.0002%
Potassium	Max 0.005%	<0.00002%
Sodium	Max 0.025%	<0.0001%
Iron	Max 6 ppm	<0.2 ppm
Arsenic	Max 1 ppm	<0.2 ppm
Manganese	Max 0.5 ppm	<0.01 ppm
Reducing Substance	To Pass the Test	Pass

Appropriate/legal use of this product is the responsibility of the user.

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