



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
Sulfate	Max 0.003%	<0.001
Nitrate	Max 5 ppm	<1
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
Arsenic	Max 1 ppm	<0.2
Manganese	Max 0.5 ppm	<0.01
Reducing Substance	To Pass the Test	Pass

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

[Phosphoric Acid 85% Semiconductor/ Electronic Grade](#)

Phone: 512-668-9918, Fax: 512-886-4008, E-mail: customercare@laballey.com
www.laballey.com
 12501 Pauls Valley Road, Suite A, Austin, Texas 78737
 © 2026 Lab Alley