



**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)	<=10	5
Insoluble matter	<= 50 ppm	50
Chloride	<=3 ppm	<1
Sulfate	<=20 ppm	20
Nitrate	<=5 ppm	<1
Volatile Acids (as CH <sub>3</sub> COOH)	<=0.16 ueg/g	0.16
Antimony	<=20 ppm	20
Calcium	<=20 ppm	20
Magnesium	<=5 ppm	5
Potassium	<=10 ppm	10
Sodium	<=15 ppm	15
Heavy metals (as Pb)	<=5 ppm	5
Iron	<=10 ppm	10
Arsenic	<=0.5 ppm	0.5
Manganese	<=0.5 ppm	0.5
Reducing Substance	To Pass the Test	Pass
Copper	<=2ppm	2
Lithium	<=1ppm	1
Nickel	<=3ppm	3
Strontium	<=5ppm	5

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](mailto:customercare@laballey.com)  
[www.laballey.com](http://www.laballey.com)  
 12501 Pauls Valley Road, Suite A, Austin, Texas 78737  
 © 2026 Lab Alley