



TECHNICAL DATA SHEET(TDS)
Phosphoric Acid 85% Solution, ACS Grade
Product Specifications (CAS# 7664-38-2)

Test	Specification	Typical Results
Assay	Min 85.0%	85.60%
Color	Max 10 APHA	<10 APHA
Insoluble Matter	Max 0.001%	<0.0005%
Chloride	Max 3 ppm	<1 ppm
Nitrate	Max 5 ppm	<1 ppm
Sulfate	Max 0.003%	<0.001%
Volatile Acids (as CH ₃ COOH)	Max 0.001%	<0.001%
Antimony	Max 0.002%	<0.0002%
Calcium	Max 0.002%	<0.00002%
Magnesium	Max 0.002%	<0.00002%
Potassium	Max 0.005%	<0.00002%
Sodium	Max 0.025%	<0.0001%
Arsenic	Max 1 ppm	<0.2 ppm
Heavy Metals (as Pb)	Max 0.001%	<0.0005%
Iron	Max 0.003%	<0.2 ppm
Manganese	Max 0.5 ppm	<0.01 ppm
Reducing Substances	To pass the test	Pass

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

[Phosphoric Acid 85% Solution, ACS 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