

**Certificate of Analysis**

**Product: Phosphoric Acid 85% Solution**

**Item Number: PHAA85**

**Grade: ACS**

**Lot Number: 5001392/1.1**

**Manufacture Date: 02/02/2025**

**Expiration Date: 02/01/2027**

**Country of Origin: United States**

Tested Property	Specification	Analysis
Appearance	Colorless & free from suspended matter or sediment	Pass
Assay	85 - 87%	85.63
Color (APHA)	<math>\leq 10</math>	3
Insoluble matter	<math>\leq 0.001\%</math>	<math>< 0.0005\%</math>
Chloride	<math>\leq 3 \text{ ppm}</math>	<math>< 1</math>
Sulfate	<math>\leq 0.003\%</math>	<math>< 0.001</math>
Nitrate	<math>\leq 5 \text{ ppm}</math>	<math>< 1</math>
Volatile Acids (as CH <sub>3</sub> COOH)	<math>\leq 0.001\%</math>	<math>< 0.001</math>
Antimony	<math>\leq 0.002\%</math>	<math>< 0.0002</math>
Calcium	<math>\leq 0.002\%</math>	<math>< 0.00002</math>
Magnesium	<math>\leq 0.002\%</math>	<math>< 0.00002</math>
Potassium	<math>\leq 0.005\%</math>	<math>< 0.00002</math>
Sodium	<math>\leq 0.025\%</math>	<math>< 0.0001</math>
Heavy metals (as Pb)	<math>\leq 0.001\%</math>	<math>< 0.0005</math>
Iron	<math>\leq 0.2 \text{ ppm}</math>	<math>< 0.2</math>
Arsenic	<math>\leq 1 \text{ ppm}</math>	<math>< 0.2</math>
Manganese	<math>\leq 0.5 \text{ ppm}</math>	0.01
Reducing Substance	Passes the test	Pass

[Phosphoric Acid 85% Solution](#)

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