

### Certificate of Analysis

**Product: Phosphoric Acid 85% Solution**  
**Item Number: PHAA85**  
**Grade: ACS**  
**Lot Number: 5000822/3.1**  
**Manufacture Date: 05/06/2024**  
**Expiration Date: 05/05/2027**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Appearance	Colorless & free from suspended matter or sediment	Pass
Assay	85 - 87%	85.55
Color (APHA)	$\leq 10$	5
Insoluble matter	$\leq 0.001\%$	$< 0.0005\%$
Chloride	$\leq 3$ ppm	$< 1$
Sulfate	$\leq 0.003\%$	$< 0.001$
Nitrate	$\leq 5$ ppm	$< 1$
Volatile Acids (as CH <sub>3</sub> COOH)	$\leq 0.001\%$	$< 0.001$
Antimony	$\leq 0.002\%$	$< 0.0002$
Calcium	$\leq 0.002\%$	$< 0.00002$
Magnesium	$\leq 0.002\%$	$< 0.00002$
Potassium	$\leq 0.005\%$	$< 0.00002$
Sodium	$\leq 0.025\%$	$< 0.0001$
Heavy metals (as Pb)	$\leq 0.001\%$	$< 0.0005$
Iron	$\leq 0.2$ ppm	$< 0.2$
Arsenic	$\leq 1$ ppm	$< 0.2$
Manganese	$\leq 0.5$ ppm	0.01
Reducing Substance	Passes the test	Pass

[Phosphoric Acid 85% Solution](#)

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