

# Certificate of Analysis

**Product Name:** PHOSPHORIC ACID, 85%, REAGENT (ACS)  
**Item #:** 627  
**Lot #:** 21140214



## Certified Values:

Specifications (Max Limits or as Specified)	Pass/Fail	Numerical Results
Assay (%) 85.0 -	Pass	86.3
Color (APHA) 10 Max	Pass	< 10
Insoluble matter 0.001 % Max	Pass	< 0.001
Chloride 0.0003 % Max	Pass	< 0.0003
Nitrate 0.0005 % Max	Pass	< 0.0005
Sulfate 0.003 % Max	Pass	< 0.003
Volatile acids (as CH <sub>3</sub> COOH) 0.001 % Max	Pass	< 0.001
Manganese 0.00005 % Max	Pass	< 0.00005
Arsenic 0.0001 % Max	Pass	< 0.0001
Heavy metals (as Pb) 0.001 % Max	Pass	< 0.001
Iron 0.003 % Max	Pass	< 0.003
Antimony (%) 0.002 % Max	Pass	< 0.002
Potassium (%) 0.005 % Max	Pass	< 0.005
Sodium (%) 0.025 % Max	Pass	0.025
Calcium (%) 0.002 % Max	Pass	< 0.002
Magnesium 0.002 % Max	Pass	< 0.002

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice(cGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211. Consult warranty limitations at

[www.gfschemicals.com/Terms-And-Conditions](http://www.gfschemicals.com/Terms-And-Conditions)

For resale by GFS authorized distributors only.

GFS Chemicals, Inc. P.O. Box 245 Powell, OH 43065 \* Signed Orig. Doc. On File  
1-800-858-9682 (U.S. and Canada) 1-740-881-5501 (International) 1-740-881-5989 (Fax)

Reducing substances 0	Pass	Passes Test
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**Status** Pass

**Comments**

**Certificate Create By:** Jacob Watson  
**Best by:** March 24, 2026  
**Print Date:** Oct 13, 2021

**Signature on File**

**ISO 17025 Testing**

All ISO 17025 testing is performed at GFS Chemicals, Inc. 800 Kaderly Dr, Columbus, OH 43228 USA  
UV/Vis Spectrophotometer testing is performed according to ASTM method E169-16.  
Turbidity testing is performed according to ASTM methods D6855-17 and ASTM D7315-17.  
Conductivity testing is performed according to ASTM method D1125-14.  
pH testing is performed according to ASTM method D1293-18.  
Karl Fischer titration testing is performed according to ASTM methods E203-16 and E1064-16.

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