



**ChemPure\* Brand  
Chemicals**

Cust-Product Code: CP-M1864S  
Lot #: 2022071814

...Pure Quality

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Phosphoric Acid 85%**  
ACS

F.W.: 98.0000

CHEMICAL FORMULA: H<sub>3</sub>PO<sub>4</sub>

CAS No: 7664-38-2

Density: 1.6900

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Heavy metals (by ICP-OES)	10 ppm max.	<10 ppm
Assay (H <sub>3</sub> PO <sub>4</sub> )	85.0% min.	85.5%
Sodium (Na)	250 ppm max.	<250 ppm
Antimony (Sb)	20 ppm max.	<20 ppm
Sulfate (SO <sub>4</sub> )	30 ppm max.	<30 ppm
Arsenic (As)	1 ppm max.	<1 ppm
Calcium (Ca)	20 ppm max.	<20 ppm
Chloride (Cl)	3 ppm max.	<3 ppm
Magnesium (Mg)	20 ppm max.	<20 ppm
Reducing Substances	To pass test	Passes Test
Volatile Acids (CH <sub>3</sub> COOH)	10 ppm max.	<10 ppm
Insol. matter	10 ppm max	<10 ppm
Iron (Fe)	30 ppm max.	<30 ppm
Manganese (Mn)	0.5 ppm max.	<0.5 ppm
Nitrate (NO <sub>3</sub> )	5 ppm max.	<5 ppm
Potassium (K)	50 ppm max.	<50 ppm
Color (APHA)	10 max.	10
Manufacture Date	Record Actual	03/04/2022
Expiration Date	2 years	03/03/2024
REMARKS		

It is certified that the above is a true copy of the actual lot analysis.

Eddy Santiago  
Quality Assurance Manager

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SUPPORT@CHEMPUREBRAND.COM - WWW.CHEMPUREBRAND.COM

ChemPure Brand Chemicals • P: 440.725.2802 • F: 734.405.6623 • 39103 Warren Rd., Westland, MI 48185