



**ChemPure* Brand
Chemicals**

Cust-Product Code: CP-A1864P
Lot #: 2023032781

...Pure Quality

CERTIFICATE OF ANALYSIS

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

F.W.: 98.0000

CHEMICAL FORMULA: H₃PO₄

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 ₃ PO ₄)	85.0% min.	86.3%
Sodium (Na)	250 ppm max.	<250 ppm
Antimony (Sb)	20 ppm max.	<20 ppm
Sulfate (SO ₄)	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 ₃ 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 ₃)	5 ppm max.	<5 ppm
Potassium (K)	50 ppm max.	<50 ppm
Color (APHA)	10 max.	6
Manufacture Date	Record Actual	12/02/2022
Expiration Date	2 years	12/01/2024
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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