



**ChemPure* Brand
Chemicals**

Cust-Product Code: CP-A1864P
Lot #: 620021CP

...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)	0.001% max.	<0.0005%
Assay (H ₃ PO ₄)	85.0% min.	85.9%
Sodium (Na)	0.025% max	<0.0001%
Antimony (Sb)	0.002% max.	<0.0002%
Sulfate (SO ₄)	0.003% max.	<0.001%
Arsenic (As)	1 ppm max.	<0.2 ppm
Calcium (Ca)	0.002% max.	<0.00002%
Chloride (Cl)	3 ppm max.	<1 ppm
Manganese (Mn)	0.5 ppm max.	<0.01ppm
Reducing Substances	To pass test	Passes Test
Volatile Acids (CH ₃ COOH)	0.001% max.	<0.001%
Insol. matter	10 ppm max	<5 ppm
Iron (Fe)	0.2 ppm max.	<30.2 ppm
Magnesium (Mg)	0.002% max.	<0.00002%
Nitrate (NO ₃)	5 ppm max.	<1 ppm
Potassium (K)	0.005% max.	<0.00002%
Color (APHA)	10 max.	5
Manufacture Date	Record Actual	01/09/2021
Expiration Date	3 years	01/09/2024
REMARKS		

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