



**ChemPure* Brand
Chemicals**

Cust-Product Code: CP-A1864P
Lot #: 2021060201

...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.	85.5%
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.	5
Manufacture Date	Record Actual	03/09/2021
Expiration Date	2 years	03/09/2023

REMARKS

Important. It is certified that the above is a true copy of the actual lot analysis. To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. The minimum shelf life is based on current knowledge and holds only for proper storage conditions in the original containers. We herewith confirm that the delivery is effected according to the technical conditions agreed. Particular properties of the products or the suitability for a particular area of application is not assured. It is the customer's responsibility to inspect and test the products in order to satisfy itself as to the suitability for the customer's particular purpose. This information is not intended to be all inclusive as to the manner and conditions of use, handling, storage, disposal, and other factors that may involve other or additional legal, environmental, safety or performance considerations, and CHEMPURE BRAND CHEMICALS assumes no liability whatsoever for the use of or reliance upon this information. Our technical personnel will be happy to respond to questions. Safe handling and use of the product remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as, recommendations to infringe any existing patents or to violate any Federal, State, Local or foreign laws. This document was produced electronically and is valid without a signature. ChemPure Quality Management.

Printed: 8/5/2021

SUPPORT@CHEMPUREBRAND.COM - WWW.CHEMPUREBRAND.COM

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