



**ChemPure* Brand
Chemicals**

Product Code: CP-M1864S

Lot #: 4035-2014090319

Certificate Of Analysis

Chemical Name: **Phosphoric Acid, 85%**

ACS

Chemical Formula: H₃PO₄

...Pure Quality

F.W.: 98.0000

CAS: 7664-38-2

Density: 1.6900 kg/L

Analytical Results		
Item	Specifications	Analysis
Chloride (Cl)	3 ppm max.	<3ppm
Color (APHA)	10 max.	1
Expiration Date	Record Actual	03/12/2016
Heavy Metals (as Pb)	10 ppm max.	<10ppm
Insol. matter	10 ppm max	<10ppm
Iron (Fe)	30 ppm max.	<30ppm
Magnesium (Mg)	20 ppm max.	<20ppm
Antimony (Sb)	20 ppm max.	<20ppm
Manganese (Mn)	0.5 ppm max.	<0.5ppm
Manufacture Date	Record Actual	03/12/2014
Nitrate (NO ₃)	5 ppm max.	<5ppm
Arsenic (As)	1 ppm max.	<1ppm
Potassium (K)	50 ppm max.	<50ppm
Reducing Substances	To pass test	Passes Test
Sodium (Na)	250 ppm max.	<250ppm
Sulfate (SO ₄)	30 ppm max.	<30ppm
Volatile Acids (CH ₃ COOH)	10 ppm max.	<10ppm
Assay (H ₃ PO ₄)	85.0% min.	86.0%
Calcium (Ca)	20 ppm max.	<20ppm

Remarks:

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

Matthew Taylor
Laboratory Manager

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