



**ChemPure* Brand
Chemicals**

Product Code: 403500-90000

Lot #: 2012062804

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.	1 ppm
Color (APHA)	10 max.	3
Expiration Date	3 years from date of manufacture	10/13/2014
Heavy Metals (as Pb)	10 ppm max.	<10 ppm
Insol. matter	10 ppm max	<10 ppm
Iron (Fe)	30 ppm max.	<10 ppm
Magnesium (Mg)	20 ppm max.	<20 ppm
Antimony (Sb)	20 ppm max.	<20 ppm
Manganese (Mn)	0.5 ppm max.	<0.5 ppm
Manufacture Date	Record Actual	10/13/2011
Nitrate (NO ₃)	5 ppm max.	1 ppm
Arsenic (As)	1 ppm max.	<1 ppm
Potassium (K)	50 ppm max.	<50 ppm
Reducing Substances	To pass test	Passes Test
Sodium (Na)	250 ppm max.	<250 ppm
Sulfate (SO ₄)	30 ppm max.	<10 ppm
Volatile Acids (CH ₃ COOH)	10 ppm max.	<10 ppm
Assay (H ₃ PO ₄)	85.0% min.	85.5%
Calcium (Ca)	20 ppm max.	<20 ppm

Remarks:

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

Shawn Chadwick
Technical Director