



Laboratory chemicals and products-Clinical chemistry and hematology products-Fine & industrial chemicals

## Certificate of Analysis

**Product No** 6024  
Phosphoric Acid  
85%  
'BAKER ANALYZED'  
**Lot No** 0831802024  
**Release Date** 04-Dec-08

Exceeds ACS Specifications

Test	Specification	Actual value
Assay	min. 85.0 %	86.0 %
Alkali phosphates	passes test	passes test
Chloride (Cl)	max. 1 ppm	< 1.0 ppm
Color (APHA)	max. 10	< 5
Heavy Metals (as Pb)	max. 0.001 %	< 0.0005 %
Insoluble Matter	max. 0.001 %	< 0.0005 %
Nitrate (NO <sub>3</sub> )	max. 5 ppm	< 1.3 ppm
Phosphorous or Hypophosphorous Acid	passes test	passes test
Reducing Substances	passes test	passes test
Sulfate (SO <sub>4</sub> )	max. 0.003 %	< 0.0003 %
Volatile Acids (as CH <sub>3</sub> COOH)	max. 0.001 %	0.0002 %
<i>Trace Impurities</i>		
Aluminium (Al)	max. 10	< 0.050
Antimony (Sb)	max. 4	< 0.500
Arsenic (As)	max. 0.5	< 0.020
Cadmium (Cd)	max. 5	< 0.005
Calcium (Ca)	max. 20	< 0.050
Copper (Cu)	max. 5	< 0.005
Iron (Fe)	max. 10	< 0.400
Lead (Pb)	max. 5	< 0.001
Magnesium (Mg)	max. 10	< 0.020
Manganese (Mn)	max. 0.5	< 0.010
Nickel (Ni)	max. 5	< 0.070
Potassium (K)	max. 5	< 0.010
Sodium (Na)	max. 10	< 1.000
Zinc (Zn)	max. 10	< 0.010

Use Before Date: 2013-12

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