



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

Certificate of Analysis

Product No 7047
Hydrogen Peroxide
30%
'BAKER ANALYZED'
Lot No 0901611005
Release Date 16-Jan-09

Exceeds ACS Specifications

Test	Specification	Actual value
Assay *	30.0 - 32.0 %	31.3 %
Ammonium (NH ₄)	max. 5 ppm	< 2 ppm
Chloride (Cl)	max. 1 ppm	< 0.1 ppm
Color (APHA)	max. 10	5
Heavy Metals (as Pb)	max. 1 ppm	< 0.5 ppm
Nitrate (NO ₃)	max. 2 ppm	< 0.1 ppm
Phosphate (PO ₄)	max. 2 ppm	< 0.1 ppm
Residue after Evaporation	max. 0.002 %	< 0.0003 %
Sulfate (SO ₄)	max. 2 ppm	< 0.1 ppm
Titration Acid (meq/g)	max. 0.0006	0.00018
<i>Trace Impurities (in ppm)</i>		
Aluminium (Al)	max. 0.05	< 0.001
Arsenic (As)	max. 0.05	< 0.001
Barium (Ba)	max. 0.02	< 0.001
Beryllium (Be)	max. 0.01	< 0.001
Cadmium (Cd)	max. 0.02	< 0.001
Calcium (Ca)	max. 0.5	0.003
Chromium (Cr)	max. 0.1	< 0.001
Cobalt (Co)	max. 0.01	< 0.001
Copper (Cu)	max. 0.01	< 0.001
Germanium (Ge)	max. 0.05	< 0.001
Iron (Fe)	max. 0.1	< 0.001
Lead (Pb)	max. 0.05	< 0.001
Lithium (Li)	max. 0.01	< 0.001
Magnesium (Mg)	max. 0.1	< 0.001
Manganese (Mn)	max. 0.01	< 0.001
Molybdenum (Mo)	max. 0.02	< 0.001
Nickel (Ni)	max. 0.05	< 0.001
Potassium (K)	max. 0.1	0.001
Silver (Ag)	max. 0.01	< 0.001
Sodium (Na)	max. 0.5	0.002
Strontium (Sr)	max. 0.01	< 0.001

Thallium (Tl)	max. 0.05	< 0.001
Titanium (Ti)	max. 0.1	< 0.001
Vanadium (V)	max. 0.01	< 0.001
Zinc (Zn)	max. 0.05	0.002
Zirconium (Zr)	max. 0.1	< 0.001

*) At time of lot release.

Use Before Date: 2011-02

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