



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

Certificate of Analysis

Product No 6057
Sulfuric Acid
95-97%
'BAKER ANALYZED'
Lot No 0715608002
Release Date 05-Jun-07

Test	Specification	Actual value
Assay	95 - 97 %	96 %
Ammonium (NH ₄)	max. 1 ppm	< 0.5 ppm
Color (APHA)	max. 10	< 5
Heavy Metals (as Pb)	max. 5 ppm	< 0.1 ppm
Nitrate (NO ₃)	max. 1 ppm	< 0.1 ppm
Residue after Ignition	max. 5 ppm	< 1.0 ppm
Substances Reducing KMnO ₄ (as SO ₂)	max. 5 ppm	2.0 ppm
<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	0.001
Chloride (Cl)	max. 0.5	< 0.050
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	0.003
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	0.001
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	0.001
Zirconium (Zr)	max. 0.1	< 0.001

Use Before Date: 2012-07

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