RCI Labscan Limited

Sulfuric Acid 60%, Electropure

H_2SO_4	FW. 98.08	Density 1 L	= 1.49	Kg.
CAS-No.	7664-93-9	Melting Point	- 28.7	^oC
Code	EP1185	Boiling Point	140	^oC

Specifications

Assay (by acidimetry)		60.0%	min.
Color (APHA)		10	max.
Residue after Ignition		3	ppm max.
Substance reducing permanganate (as SO_2)		2	ppm max.
Ammonium (NH_4)		2	ppm max.
Chloride (Cl)		0.1	ppm max.
Nitrate (NO_3)		0.2	ppm max.
Phosphate (PO_4)		0.3	ppm max.
Aluminium (Al)		0.05	ppm max.
Arsenic and Antimony (as As)		0.005	ppm max.
Barium (Ba)		0.05	ppm max.
Beryllium (Be)		0.02	ppm max.
Bismuth (Bi)		0.1	ppm max.
Boron (B)		0.01	ppm max.
Cadmium (Cd)		0.05	ppm max.
Calcium (Ca)		0.1	ppm max.
Chromium (Cr)		0.02	ppm max.
Cobalt (Co)		0.02	ppm max.
Copper (Cu)		0.01	ppm max.
Gallium (Ga)		0.02	ppm max.
Germanium (Ge)		0.1	ppm max.
Gold (Au)		0.02	ppm max.
Iron (Fe)		0.1	ppm max.
Lead (Pb)		0.05	ppm max.
Lithium (Li)		0.02	ppm max.
Magnesium (Mg)		0.05	ppm max.
Manganese (Mn)		0.01	ppm max.
Molybdenum (Mo)		0.05	ppm max.
Nickel (Ni)		0.02	ppm max.
Potassium (K)		0.1	ppm max.
Silicon (Si)		0.1	ppm max.
Silver (Ag)		0.02	ppm max.
Sodium (Na)		0.1	ppm max.
Strontium (Sr)		0.05	ppm max.
Thallium (Tl)		0.05	ppm max.
Tin (Sn)		0.05	ppm max.
Titanium (Ti)		0.05	ppm max.
Vanadium (V)		0.05	ppm max.
Zinc (Zn)		0.05	ppm max.
Zirconium (Zr)		0.1	ppm max.
Particle/ml :			
	0.5 µm and greater (drums)	150	max.
	1.0 µm and greater (drums)	25	max.

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S-QC03-EP-A-S060 / RV.00 / Eff.date 01-11-12