



COLUMBUS CHEMICAL INDUSTRIES

Product Specifications

PRODUCT NAME: Sulfuric Acid
Microprocess

CHEMICAL FORMULA: H2SO4

Product Code: 570700-90000
F.W.: 98.0800
CAS No: 7664-93-9
Density: 1.84

ITEM	SPECIFICATIONS
Manufacture Date	Record
Retest date	12 months from date of mfg.
Particles (>1.0 micron for bottled material)	25 particles/mL max.
Residue After Ignition	5 ppm max.
Assay (H2SO4)	95 - 97%
Arsenic (As) & Antimony (Sb)	0.005 ppm max.
Boron (B)	0.01 ppm max.
Chloride (Cl)	0.1 ppm max.
Copper (Cu)	0.1 ppm max.
Nickel (Ni)	0.1 ppm max.
Aluminum (Al)	0.2 ppm max.
Chromium (Cr)	0.2 ppm max.
Iron (Fe)	0.2 ppm max.
Manganese (Mn)	0.2 ppm max.
Nitrate (NO3)	0.2 ppm max.
Tin (Sn)	0.2 ppm max.
Zinc (Zn)	0.2 ppm max.
Calcium (Ca)	0.3 ppm max.
Gold (Au)	0.3 ppm max.
Lead (Pb)	0.3 ppm max.
Magnesium (Mg)	0.3 ppm max.
Potassium (K)	0.3 ppm max.
Sodium (Na)	0.3 ppm max.
Titanium (Ti)	0.3 ppm max.
Heavy Metals (as Pb)	0.4 ppm max.
Barium (Ba)	0.5 ppm max.
Cadmium (Cd)	0.5 ppm max.
Cobalt (Co)	0.5 ppm max.
Gallium (Ga)	0.5 ppm max.
Germanium (Ge)	0.5 ppm max.
Lithium (Li)	0.5 ppm max.
Phosphate (PO4)	0.5 ppm max.
Silicon (Si)	0.5 ppm max.
Silver (Ag)	0.5 ppm max.
Strontium (Sr)	0.5 ppm max.
Color (APHA)	10 max.
Appearance	Free from suspended matter

Remarks:



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The above are the specifications, ranges and limits set for this product.

Eddy Santiago
Quality Assurance Manager

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