



COLUMBUS CHEMICAL INDUSTRIES

Product Specifications

PRODUCT NAME: Sulfuric Acid
SEMI Grade 1

CHEMICAL FORMULA: H2SO4

Product Code: 571000-90000
F.W.: 98.0800
CAS No: 7664-93-9
Density: 1.84

ITEM	SPECIFICATIONS
Identification: acid	To pass test
Identification: sulfate	To pass test
Appearance	Free from suspended matter
Color (APHA)	10 max.
Assay (H2SO4)	95.0 - 97.0%
Nitrate (NO3)	0.2 ppm max.
Phosphate (PO4)	0.5 ppm max.
Aluminum (Al)	0.2 ppm max.
Arsenic (As) & Antimony (Sb)	0.005 ppm max.
Boron (B)	0.02 ppm max.
Calcium (Ca)	0.3 ppm max.
Chloride (Cl)	0.1 ppm max.
Chromium (Cr)	0.2 ppm max.
Copper (Cu)	0.1 ppm max.
Gold (Au)	0.3 ppm max.
Iron (Fe)	0.2 ppm max.
Lead (Pb)	0.3 ppm max.
Magnesium (Mg)	0.3 ppm max.
Manganese (Mn)	0.2 ppm max.
Nickel (Ni)	0.1 ppm max.
Potassium (K)	0.3 ppm max.
Sodium (Na)	0.3 ppm max.
Tin (Sn)	0.2 ppm max.
Titanium (Ti)	0.3 ppm max.
Zinc (Zn)	0.2 ppm max.
Particles (> 0.5 micron for bottled material)	250 particles/mL max.
Particles (> 1.0 micron for bottled material)	25 particles/mL max.
Manufacture Date	Record actual

Remarks:

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

Eddy Santiago
Quality Assurance Manager

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