



Product Specifications

PRODUCT NAME: Sulfuric Acid
Krystal Pure

CHEMICAL FORMULA: H₂SO₄

Product Code: 566800-90000
F.W.: 98.0800
CAS No: 7664-93-9
Density: 1.84

ITEM	SPECIFICATIONS
Assay (H ₂ SO ₄)	95.0 - 97.0%
Color (APHA)	10 max.
Residue After Ignition	2 ppm max.
Chloride (Cl)	0.1 ppm max.
Nitrate (NO ₃)	0.2 ppm max.
Phosphate (PO ₄)	0.3 ppm max.
Aluminum (Al)	50 ppb max.
Arsenic and Antimony (as As)	5 ppb max.
Barium (Ba)	10 ppb max.
Beryllium (Be)	10 ppb max.
Bismuth (Bi)	20 ppb max.
Boron (B)	10 ppb max.
Cadmium (Cd)	10 ppb max.
Calcium (Ca)	50 ppb max.
Chromium (Cr)	50 ppb max.
Cobalt (Co)	10 ppb max.
Copper (Cu)	10 ppb max.
Gallium (Ga)	10 ppb max.
Germanium (Ge)	10 ppb max.
Gold (Au)	20 ppb max.
Heavy Metals (as Pb)	200 ppb max.
Iron (Fe)	100 ppb max.
Lead (Pb)	20 ppb max.
Lithium (Li)	10 ppb max.
Magnesium (Mg)	50 ppb max.
Manganese (Mn)	10 ppb max.
Mercury (Hg)	5 ppb max.
Molybdenum (Mo)	10 ppb max.
Nickel (Ni)	10 ppb max.
Niobium (Nb)	10 ppb max.
Potassium (K)	50 ppb max.
Silicon (Si)	50 ppb max.
Silver (Ag)	10 ppb max.
Sodium (Na)	100 ppb max.
Strontium (Sr)	10 ppb max.
Tantalum (Ta)	10 ppb max.
Thallium (Tl)	20 ppb max.
Tin (Sn)	50 ppb max.
Titanium (Ti)	10 ppb max.
Vanadium (V)	10 ppb max.



COLUMBUS CHEMICAL INDUSTRIES

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PRODUCT NAME: Sulfuric Acid
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CHEMICAL FORMULA: H2SO4

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F.W.: 98.0800
CAS No: 7664-93-9
Density: 1.84

ITEM	SPECIFICATIONS
Zinc (Zn)	50 ppb max.
Zirconium (Zr)	10 ppb max.
Particles (> 0.5 micron)	150 particle/mL max.
Particles (≥ 1.0 micron)	25 particles/mL max.
Manufacture Date	XX/XX/XXXX
Expiration Date	2 years from manufacture date

Remarks:
* When packaged into bottles. Particle count applicable to bottled product only.

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

Eddy Santiago
Quality Assurance Manager

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Document Print Date:
4/1/2021



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