

Sulfuric Acid 96%, AR.

H ₂ SO ₄	FW. 98.08	Density 1 L = 1.84	Kg.
CAS-No.	7664-93-9	Melting Point - 11.1	°C
Code	AR1341	Boiling Point 310	°C

Specifications

(Meet A.C.S. Specifications)

Assay (by acidimetry)	95.0 - 98.0%
Appearance	Passes test
Color (APHA)	10 max.
Residue after Ignition	5.0 ppm max.
Substances reducing permanganate (as SO ₂)	2.0 ppm max.
Ammonium (NH ₄)	1.0 ppm max.
Chloride (Cl)	0.1 ppm max.
Nitrate (NO ₃)	0.5 ppm max.
Heavy metals (as Pb)	0.5 ppm max.
Arsenic and Antimony (as As)	0.01 ppm max.
Cadmium (Cd)	0.01 ppm max.
Iron (Fe)	0.2 ppm max.
Lead (Pb)	0.01 ppm max.
Mercury (Hg)	0.005 ppm max.
Nickel (Ni)	0.2 ppm max.
Zinc (Zn)	0.02 ppm max.
Application test (Phenol-Sulfuric Acid Method)	Passes test

TN_08-04-2016

S-QC03-AR-A-S296 / RV.00 / Eff.date 11-04-16