

Sulfuric Acid 90 - 91%, AR.

H ₂ SO ₄	FW. 98.08	Density 1 L = 1.81 Kg.
CAS-No.	7664-93-9	Melting Point - 1.5 °C
Code	AR1089	Boiling Point 256 °C

Specifications

Assay (by acidimetry)	90.0 - 91.0%	
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.

TN_26-08-2009

S-QC03-AR-A-S090 / RV.00 / Eff.date 01-11-12