

Sulfuric Acid 59.5%, AR.

H ₂ SO ₄	FW. 98.08	Density 1 L = 1.49	Kg.
CAS-No.	7664-93-9	Melting Point - 28.1	°C
Code	AR1228	Boiling Point 139	°C

Specifications

Assay (by acidimetry)	59.5% ± 0.1%
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-S059 / RV.00 / Eff.date 01-11-12