

Sulfuric Acid 98%, AR.

H ₂ SO ₄	FW. 98.08	Density 1 L = 1.84	Kg.
CAS-No.	7664-93-9	Melting Point	-20 °C
Code	AR1367	Boiling Point	330 °C

Specifications

(Meet A.C.S. Specifications)

Assay (by acidimetry)	97.5 - 98.5%
Appearance	Clear, colorless liquid
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.
Iron (Fe)	0.2 ppm max.
Mercury (Hg)	0.005 ppm max.
Nickel (Ni)	0.2 ppm max.
Application test (Phenol-Sulfuric Acid Method)	Passes test

TN_14-12-2017

S-QC03-AR-A-S198 / RV.00 / Eff.date 20-12-17