

Sulfuric Acid 60%, Semig

H ₂ SO ₄	FW. 98.08	Density 1 L = 1.49 Kg.
CAS-No.	7664-93-9	Melting Point - 28.7 °C
Code	SM1185	Boiling Point 140 °C

Specifications

Assay (by acidimetry)	60.0 – 61.0%	
Color (APHA)	10	max.
Residue after Ignition	5	ppm max.
Substances reducing permanganate (as SO ₂)	2	ppm max.
Ammonium (NH ₄)	0.5	ppm max.
Chloride (Cl)	0.1	ppm max.
Nitrate (NO ₃)	0.5	ppm max.
Phosphate (PO ₄)	0.5	ppm max.
Aluminium (Al)	0.2	ppm max.
Arsenic and Antimony (as As)	0.005	ppm max.
Boron (B)	0.02	ppm max.
Calcium (Ca)	0.3	ppm max.
Chromium (Cr)	0.2	ppm max.
Copper (Cu)	0.1	ppm max.
Gold (Au)	0.3	ppm max.
Iron (Fe)	0.2	ppm max.
Lead (Pb)	0.3	ppm max.
Magnesium (Mg)	0.3	ppm max.
Manganese (Mn)	0.2	ppm max.
Nickel (Ni)	0.1	ppm max.
Potassium (K)	0.3	ppm max.
Sodium (Na)	0.3	ppm max.
Tin (Sn)	0.2	ppm max.
Titanium (Ti)	0.3	ppm max.
Zinc (Zn)	0.2	ppm max.