

Sulfuric Acid 20%, Semig

H₂SO₄ FW. 98.08
CAS-No. 7664-93-9
Code SM1280

Density 1 L = 1.14 Kg.
Melting Point - 13.5 °C
Boiling Point 104.6 °C

Specifications

Assay (by acidimetry)	19.0 – 21.0%
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)	0.2 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.