

Sulfuric Acid 50%, AR.

H₂SO₄ FW. 98.08
CAS-No. 7664-93-9
Code **AR1184**

Density 1 L = 1.39 Kg.
Melting Point - 36.5 °C
Boiling Point 123.3 °C

Specifications

Assay (by acidimetry)	49.0 - 51.0%
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.
Iron (Fe)	0.2 ppm max.
Nickel (Ni)	0.2 ppm max.

TN_26-08-2009

S-QC03-AR-A-S050 / RV.00 / Eff.date 01-11-12