

**Sulfuric Acid 10%, AR.**

$\text{H}_2\text{SO}_4$                       FW. 98.08  
 CAS-No.                      7664-93-9  
 Code                              [AR1181](#)

Density 1 L = 1.07 Kg.  
 Melting Point - 4.5 °C  
 Boiling Point 101.7 °C

**Specifications**

|                                                      |               |
|------------------------------------------------------|---------------|
| Assay (by acidimetry)                                | 10.0 - 11.0%  |
| Appearance                                           | Passes test   |
| Color (APHA)                                         | 10 max.       |
| Residue after Ignition                               | 5.0 ppm max.  |
| Substances reducing permanganate (as $\text{SO}_2$ ) | 2.0 ppm max.  |
| Ammonium ( $\text{NH}_4$ )                           | 1.0 ppm max.  |
| Chloride (Cl)                                        | 0.1 ppm max.  |
| Nitrate ( $\text{NO}_3$ )                            | 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.  |

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