

## Sulfuric acid 96%

Chemical formula: H<sub>2</sub>SO<sub>4</sub>

Molar mass: 98,08 g/mol

CAS: 7664-93-9

EINECS: 231-639-5

### chemically pure (20420)

Appearance	clear colourless liquid
Assay	min. 96,0 %
Total nitrogen (as N)	max. 0,0001 %
Chloride (Cl <sup>-</sup> )	max. 0,0001 %
Fe (Iron)	max. 0,00005 %
Heavy metals (as Pb)	max. 0,0002 %
Substances reducing KMnO <sub>4</sub> (as SO <sub>2</sub> )	max. 0,0005 %

### A.G. (20450)

Appearance	clear colourless liquid
Assay	min. 96,0 %
Chloride (Cl <sup>-</sup> )	max. 0,0001 %
Fe (Iron)	max. 0,0001 %
Heavy metals (as Pb)	max. 0,0005 %
Substances reducing KMnO <sub>4</sub> (as SO <sub>2</sub> )	max. 0,0005 %

### pure (20370)

Appearance	clear colourless liquid
Assay	min. 96,0 %
Chloride (Cl <sup>-</sup> )	max. 0,0005 %
Fe (Iron)	max. 0,0005 %
Heavy metals (as Pb)	max. 0,0005 %

### ACS (43430)

Appearance	clear colourless liquid
Assay	min. 96,0 %
Color scale (APHA)	max. 10
Residue on ignition	max. 5 ppm
Chloride (Cl <sup>-</sup> )	max. 0,2 ppm
Nitrate (NO <sub>3</sub> <sup>-</sup> )	max. 0,5 ppm
Ammonium (NH <sub>4</sub> <sup>+</sup> )	max. 2 ppm
Substances reducing KMnO <sub>4</sub>	max. 2 ppm
As (Arsenic)	max. 0,01 ppm
Heavy metals	max. 1 ppm
Fe (Iron)	max. 0,2 ppm
Hg (Mercury)	max. 5 ppb

## technical (20500)

Appearance	colourless to brownish liquid
Assay	min. 95,0 %

## semiconductor grade (20490)

Appearance	clear colourless liquid
Assay	min. 96.0 %
Color scale (APHA)	max. 10 APHA
Residue on ignition	max. 3 ppm
Chloride (Cl <sup>-</sup> )	max. 0.1 ppm
Substances reducing KMnO <sub>4</sub> (as SO <sub>2</sub> )	max. 2 ppm
As (Arsenic)	max. 0.005 ppm
Fe (Iron)	max. 0.01 ppm
Heavy metals	max. 0.05 ppm
Nitrogen (as NH <sub>3</sub> )	max. 0.1 ppm

Classification of the substance in accordance with Regulation (EC) No 1272/2008



Hazard statements: 314

EUH statements:

Precautionary statements: 280, 305+351+338, 310, 301+330+331

Signal word: Danger

ADR/RID: 8 /C1 /II

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