

## SULPHURIC ACID 98% (Food Grade)

### 1. Basic Information

Product Name	Sulphuric Acid 98% (Food Grade)
Structural Formula	$  \begin{array}{c}  \text{O} \\     \\  \text{HO} - \text{S} - \text{OH} \\     \\  \text{O}  \end{array}  $
Molecular Formula	H <sub>2</sub> O <sub>4</sub> S
CAS No.	7664-93-9
EC List Number	231-639-5

### 2. Specifications

Items	Unit	Specification
Appearance		Colourless to slightly coloured, clear to hazy liquid
Concentration	%	97-98
Turbidity	NTU	20 (max)
Chlorides (Cl)	ppm	5 (max)
Ammonia (NH <sub>3</sub> )	ppm	5 (max)
SO <sub>2</sub> content	ppm	15 (max)
NO <sub>x</sub> content	ppm	6 (max)
Arsenic (As)	ppm	0.01 (max)
Cadmium (Cd)	ppm	0.05 (max)
Chromium (Cr)	ppm	1 (max)
Copper Cu	ppm	0.1 (max)
Iron (Fe)	ppm	20 (max)
Lead (Pb)	ppm	0.1 (max)
Mercury (Hg)	ppm	0.01 (max)
Nickle (Ni)	ppm	1 (max)
Selenium (Se)	ppm	0.1 (max)
Zinc (Zn)	ppm	0.5 (max)

### 3. Additional Information

Package	UN certified 220L PE drums / UN certified 1000L composite (steel/PE) IBC's Bulk: road tankers / tank containers / mobile tanks
Storage	Shelf life: 2 years when stored in bulk, 6 months for packaged material.