

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 ₂ O ₄ 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 ₃)	ppm	5 (max)
SO ₂ content	ppm	15 (max)
NO _x 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.