

# Sulfuric acid Gerber

Laboratory Reagent

**H<sub>2</sub>SO<sub>4</sub>**

**M= 98.08 g/mol**

**1lit= 1.82 g/cm<sup>3</sup>**

## Specification

Assay		90.0 - 91.0	%
Description		Conforms	
Solubility		Conforms	
Identification		Conforms	
Specific gravity		1.815 – 1.821	g/cm <sup>3</sup>
Nitrate	≤	0.0002	%
Heavy metals	≤	5.0	ppm
Residue on ignition	≤	0.005	%
Reducing Substances		Conforms	

**Product Code: 1.2080.**

## Technical Information

Formula:	H <sub>2</sub> O <sub>4</sub> S
Chemical formula:	H <sub>2</sub> SO <sub>4</sub>
Density:	1.82 g/cm <sup>3</sup> (20 °C)
Molar mass:	98.08 g/mol
CAS number:	7664-93-9
EC index number:	016-020-00-8
HS code:	28070010
EC number:	231-639-5
Storage (temperature):	Without limitations.
SDS	available
RTECS:	WS5600000
R phrase:	R 35
S phrase:	S 26-30-45
Odour:	odourless
Form:	liquid
Color:	colourless
PH value:	0.3 (49 g/l 25 °C)
Solubility in water:	(20°C) soluble,
Solubility in ethanol:	soluble,
Boiling point:	~ 335 °C
Melting point:	~ 3 °C
Vapour pressure:	~ 0.0001 hpa (20 °C)
Thermal decomposition:	~ 338 °C
Viscosity dynamical:	~ 24 mPa*s (20 °C)

Glass Bottles		
1	Liter	●
2.5	Liter	

Plastic Bottles		
1	Liter	
2.5	Liter	

Plastic Gallon		
5	Liter	
10	Liter	
20	Liter	

