

Sulfuric acid 98%

Laboratory for nitrogen determination

H2SO4

M= 98.08 g/mol

1lit= 1.84 g/cm³

Specification

Assay	≥	98.0	%
Description		Conforms	
Solubility		Conforms	
Identification		Conforms	
Specific gravity	~	1.84	g/cm ³
Chloride	≤	0.005	%
Heavy metals	≤	5.0	ppm
Residue on ignition	≤	0.005	%
Limit of nitrate		Conforms	
Reducing Substances		Conforms	

Product Code: 1.1590.

Technical Information

Formula:	H2O4S
Chemical formula:	H2SO4
Density:	1.84 g/cm ³ (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	

