



**PRODUCT CODE: 122448**

**Sulfuric Acid 25% for analysis**

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H<sub>2</sub>O<sub>4</sub>S

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

M.= 98,08

CAS [7664-93-9]

EINECS 231-639-5

TARIC 2807 00 00 00

**PHYSICAL DATA:** liquid, Clear, Colourless, Soluble in water. D 20/4 1,18 • B.P.: 103 °C •

**BIBLIOGRAPHY:** Merck Index **12**, 9.147 Sax **SOI500** • Safety **2**, **2178 D** • Römp **8**, **3760** • Kühn-Birett **S 12** • Fieser **1470 5633 6558 7347 9441** •

**HAZARDOUS:** C.E: 016-020-00-8 • RTECS: WS 5600000 • LD50 oral rat 2.150 mg/kg • LC50 rat 510mg/m<sup>3</sup> / 2h • VLA-EC 3 mg/m<sup>3</sup> VLA-ED 1 mg/m<sup>3</sup>



H: H314 • H290 • H318 •

P: P305+P351+P338 • P310 • P280 • P321 • P303+P361+P353 • P501 • P405 •

**TRANSPORT REGULATIONS:** UN: 2796 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 851 • CAO: 855 • (E) •

**WEIGHT/VOLUME INFORMATION:** 1l-1,181 kg 1kg-0,846 l

**OBSERVATIONS:** Product controlled as a drug precursor. •

**SPECIFICATIONS:**

Minimum assay (Acidim.) 25%

**Maximum limit of impurities**

|   |          |
|---|----------|
| APHA colour   | 10       |
| Reducing substance to KMnO <sub>4</sub> (as SO <sub>2</sub> ) | 0,0002 % |
| Residue on ignition   | 0,0005 % |
| Chloride (Cl)   | 0,00002% |

|                              |            |
|------------------------------|------------|
| Ammonium (NH <sub>4</sub> )  | 0,0002%    |
| Phosphate (PO <sub>4</sub> ) | 0,00005 %  |
| Nitrate (NO <sub>3</sub> )   | 0,00002%   |
| Heavy metals (as Pb)         | 0,0001%    |
| Ag                           | 0,000002 % |
| Al                           | 0,000005 % |
| As                           | 0,000001 % |
| Be                           | 0,000002 % |
| Ca                           | 0,00002 %  |
| Cd                           | 0,000002 % |
| Co                           | 0,000002 % |
| Cr                           | 0,000005 % |
| Cu                           | 0,000001 % |
| Fe                           | 0,00001 %  |
| K                            | 0,00001 %  |
| Li                           | 0,000002 % |
| Mg                           | 0,000005 % |
| Mn                           | 0,000001 % |
| Na                           | 0,00005 %  |
| Ni                           | 0,000002 % |
| Pb                           | 0,000002 % |
| Sr                           | 0,000002 % |
| Zn                           | 0,000005 % |