

Sulfuric acid, solution 0,125 mol/l (0,25 N)**Identification**

H₂SO₄
M = 98,08 g/mol
CAS [7664-93-9]
EC number: 231-639-5
Taric code: 2807 00 00

Applications

analytical chemistry, laboratory reagent, titrant in volumetric analysis.




Specifications

factor..... 0,999 - 1,001
uncertainty ± 0,001

1 ml = 0,01226 g H₂SO₄

This volumetric solution was checked by means of potentiometric methods using Scharlau's tris(hydroxymethyl)-aminomethane volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

Packaging**Packaging Code**

1 l  AC20881000
5 l  AC2088005P
10 l  AC2088010C

Physical data

• Density: 1,01 g/cm³

Safety - GHS**Hazard Statements:**

EUH210: Safety data sheet available on request.

Toxicological data

• WGK: 0
• Poison class CH (Swiss): 4

Transport/storage

• ADR: 8 C1 II • UN 2796 • SULPHURIC ACID
• IMDG: 8 II • UN 2796 • SULPHURIC ACID
• IATA/ICAO: 8 II • UN 2796 • SULPHURIC ACID
• PAX: 809
• CAO: 813
• Store between 15°C and 25°C