

Sulfuric acid, solution 0,05 mol/l (0,1 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 = 0,004904 g H₂SO₄

This solution was analysed using a certified reference material (tris(hydroxymethyl)-aminomethane).

The certified reference material is ISO 17034 accredited, measured according to ISO/IEC 17025 and traceable to the International System of Units by means of a Standard Reference Material from NIST:

SRM® 723 (Tris(hydroxymethyl)aminomethane (HOCH₂)₃CNH₂ (Acidimetric Standard)).

Physical data

- Density: ~ 1,00 g/cm³
- pH(20 °C) ~ 1,3

Transport/storage

- 10°C - 30°C