

Sodium thiosulfate, solution 0,1 mol/l (0,1 N)**Identification**

$\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
M = 248,18 g/mol
CAS [10102-17-7]
EC number: 231-867-5
Taric code: 2832 30 00

Applications

analytical chemistry, titrant in volumetric analysis, reducing agent.





Specifications

factor..... 0,999 - 1,001
uncertainty $\pm 0,001$

1 ml = 0,0248 g $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$

This volumetric solution was checked by means of potentiometric methods using Scharlau's potassium iodate 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**

100 ml  SO07310100
1 l  SO07311000
5 l  SO0731005P
10 l  SO0731010C

Physical data

- Density: ~ 1,004 g/cm³
- pH(20 °C) ~ 9 - 10

Toxicological data

- WGK: 1
- Poison class CH (Swiss): F

Transport/storage

- Store between 15°C and 25°C