

Sodium thiosulfate, solution 0,5 mol/l (0,5 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 = 0,1241 g $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$

This solution was analysed using a certified reference material (potassium iodate).

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[®] 136 (Potassium Dichromate (Oxidimetric Standard)).

Physical data

• Density: 1,06 g/cm³

Transport/storage

• 15°C - 25°C