

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 $\pm$ 0,0011 ml = 0,0248 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: $\sim$ 1,004 g/cm³• pH(20 °C) $\sim$ 9 - 10**Transport/storage**

• 10°C - 30°C