

## SO0736 Sodium thiosulfate, solution 0,2 mol/l (0,2 N)

- $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
- $M = 248,18 \text{ g/mol}$
- CAS [10102-17-7]
- EINECS-No.: 231-867-5
- Density:  $\sim 1,01 \text{ g/cm}^3$
- Tariff number: 2832 30 00 00




factor . . . . . 0,999 - 1,001  
 1 ml = 0,04963 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).

| ART. NO.   | VOLUME | CONTAINER   |
|------------|--------|---|
| SO07361000 | 1 l    |  |

## SO0731 Sodium thiosulfate, solution 0,1 mol/l (0,1 N)

- $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
- $M = 248,18 \text{ g/mol}$
- CAS [10102-17-7]
- EINECS-No.: 231-867-5
- Density:  $\sim 1,004 \text{ g/cm}^3$
- Tariff number: 2832 30 00 00
- Applications: analytical chemistry, titrant in volumetric analysis, reducing agent.



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).

| ART. NO.   | VOLUME | CONTAINER   |
|------------|--------|---|
| SO07311000 | 1 l    |  |
| SO0731005P | 5 l    |  |
| SO0731010C | 10 l   |  |

## SO0737 Sodium thiosulfate, solution 0,05 mol/l (0,05 N)

- $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
- $M = 248,18 \text{ g/mol}$
- CAS [10102-17-7]
- EINECS-No.: 231-867-5
- Density:  $1,001 \text{ g/cm}^3$
- Tariff number: 2832 30 00 00
- Applications: analytical chemistry, titrant in volumetric analysis, reducing agent.

factor . . . . . 0,999 - 1,001  
 uncertainty  $\pm 0,001$   
 1 ml = 0,01241 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).

| ART. NO.   | VOLUME | CONTAINER   |
|------------|--------|---|
| SO07371000 | 1 l    |  |
| SO0737005P | 5 l    |  |

## SO0733 Sodium thiosulfate, solution 0,01 mol/l (0,01 N)

- $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
- $M = 248,18 \text{ g/mol}$
- CAS [10102-17-7]
- EINECS-No.: 231-867-5
- Density:  $0,997 \text{ g/cm}^3$
- Tariff number: 2832 30 00 00
- Applications: analytical chemistry, titrant in volumetric analysis, reducing agent.

factor . . . . . 0,999 - 1,001  
 uncertainty  $\pm 0,001$   
 1 ml = 0,002482 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 an iodine standard solution, that was also checked against Scharlau's sodium thiosulfate volumetric standard solution. Scharlau's volumetric standard solutions are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

| ART. NO.   | VOLUME | CONTAINER   |
|------------|--------|---|
| SO07331000 | 1 l    |  |

## SO0734 Sodium thiosulfate, solution 0,002 mol/l (0,002 N)

- $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
- $M = 248,18 \text{ g/mol}$
- CAS [10102-17-7]
- EINECS-No.: 231-867-5
- Density:  $1,00 \text{ g/cm}^3$
- Tariff number: 2832 30 00 00
- Applications: analytical chemistry, titrant in volumetric analysis, reducing agent.

factor . . . . . 0,995 - 1,005  
 uncertainty  $\pm 0,002$   
 1 ml = 0,0004964 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 an iodine standard solution, that was also checked against Scharlau's sodium thiosulfate volumetric standard solution. Scharlau's volumetric standard solutions are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

| ART. NO.   | VOLUME | CONTAINER   |
|------------|--------|---|
| SO07341000 | 1 l    |  |

## SO0728 Sodium thiosulfate, concentrated solution to prepare 1 l of solution 0,1 mol/l (0,1 N)

- $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
- $M = 248,18 \text{ g/mol}$
- CAS [10102-17-7]
- EINECS-No.: 231-867-5
- Density:  $\sim 1,22 \text{ g/cm}^3$
- Solub. in water: (20 °C): miscible

- Tariff number: 2832 30 00 00
- Applications: analytical chemistry, titrant in volumetric analysis, reducing agent.

amount of substance: 24,818 g  $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$   
 concentrated solution . . . . . 1 mol/l  $\pm 0,1 \%$

| ART. NO.   | VOLUME | CONTAINER   |
|------------|--------|---|
| SO072800PA | u.     |  |