

**Zinc sulfate, solution 0,1 mol/l****Identification**

ZnSO<sub>4</sub>·7H<sub>2</sub>O  
M = 287,54 g/mol  
CAS [7446-20-0]  
EC number: 231-793-3  
Taric code: 2833 29 20

**Applications**

analytical chemistry, laboratory reagent, titrant in volumetric analysis.

**Specifications**

factor..... 0,999 - 1,001  
uncertainty ± 0,001

1 ml = 0,01614 g ZnSO<sub>4</sub>

This volumetric solution was checked by means of potentiometric methods using an EDTA disodium salt standard solution, that was also checked against Scharlau's calcium carbonate volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

**Physical data**

• Density: 1,01 g/cm<sup>3</sup>

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H319: Causes serious eye irritation.  
H412: Harmful to aquatic life with long lasting effects.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P273: Avoid release to the environment.  
P264: Wash thoroughly after handling.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice / attention.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

• 10°C - 30°C