

**Identification**

$\text{Ce}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$   
M = 404,30 g/mol  
CAS [10294-42-5]  
EC number: 237-029-5  
Taric code: 2846 10 00

**Applications**

analytical chemistry, titrant in volumetric analysis.

**Specifications**

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

1 ml = 0,04043 g  $\text{Ce}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$

This solution was analysed using a certified reference material (sodium oxalate).

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<sup>®</sup> 8040 (Sodium Oxalate (Reductometric Standard)).

**Physical data**

- Density: 1,08 g/cm<sup>3</sup>
- pH(20 °C) 0,4

**Transport/storage**

- 10°C - 30°C