

Cerium(IV) sulfate, solution 0,1 mol/l (0,1 N)**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[®] 8040 (Sodium Oxalate (Reductometric Standard)).**Physical data**• Density: 1,08 g/cm³

• pH(20 °C) 0,4

Transport/storage

• 10°C - 30°C