

# Specification

Item number: P014

## Cerium(IV) sulphate tetrahydrate

≥99,5 %, p.a.

CAS No.: 10294-42-5

print date: 01.01.2024

formula:  $\text{Ce}(\text{SO}_4)_2 \cdot 4 \text{H}_2\text{O}$

density: 5,02

molecular weight: 404,30 g/mol

### Guarantee analysis

Assay CeO <sub>2</sub> (TREO)	≥99.5 %
Assay (TREO*)	≥50.5 %
Lead oxide (PbO)	≤0.002 %
Ferric oxide (Fe <sub>2</sub> O <sub>3</sub> )	≤0.001 %
Chloride (Cl)	≤0.01 %
Yttrium oxide (Y <sub>2</sub> O <sub>3</sub> )	≤0.0005 %
Praseodymium (III,IV) oxide (Pr <sub>6</sub> O <sub>11</sub> )	≤0.001 %
Neodymium(III) oxide (Nd <sub>2</sub> O <sub>3</sub> )	≤0.0015 %
samarium(III) oxide (Sm <sub>2</sub> O <sub>3</sub> )	≤0.0005 %
Lanthanum(III) oxide (La <sub>2</sub> O <sub>3</sub> )	≤0.005 %

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**

Head of Quality Assurance

**S. Lorsee**

Head of Quality Management

*This document is computer printout and has therefore not been signed by hand.*

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