

Product Specification

Product Name:

Cerium(IV) sulfate tetrahydrate, *PurReagent*, ≥98.0%

Product No.: PSR42140
Brand: PureSynth
CAS No.: 10294-42-5
Molecular Formula: $\text{Ce}(\text{SO}_4)_2 \cdot 4\text{H}_2\text{O}$
Molecular Weight: 404.30 g/mol



Test	Specification
Appearance	Orange or reddish yellow or yellow crystalline powder/crystals
Assay (Titration)	≥ 98.0 %
Solubility (Dil. H_2SO_4)	Complies
Chloride (Cl)	NMT 0.001 %
Phosphate (PO_4)	NMT 0.01 %
Iron (Fe)	NMT 0.005 %
Lead (Pb)	NMT 0.005 %

Specification: PR-1.0-QA/405

Version no.: 1.1, 17.03.2026

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com