

Product Name: Cerium(IV) ammonium sulfate dihydrate, ACS, 94% min
Catalog Number: 040194.A1

CAS Number: 10378-47-9
IUPAC Name: λ^4 -cerium(4+) tetraamine dihydrate tetrahydrogen sulfate
Molecular Formula: CeH₂₀N₄O₁₈S₄
Molecular Weight: 632.53
InChI Key: VCNAMBGKEDPVGQ-UHFFFAOYSA-J
SMILES: N.N.N.N.O.O.[Ce+4].OS([O-])(=O)=O.OS([O-])(=O)=O.OS([O-])(=O)=O.OS([O-])(=O)=O
Synonym: ammonium cerium(IV) sulfate

Product Specification

Appearance (Color): Orange to yellow
Form: Powder or crystals or crystalline powder
Assay from Supplier's CofA: $\geq 94.0\%$ (NH₄)₄Ce(SO₄)₄·2H₂O
Impurity content: Insoluble in dilute sulfuric acid: $\leq 0.05\%$
Impurity content: Iron (Fe): $\leq 0.01\%$
Impurity content: Phosphate (PO₄): $\leq 0.03\%$

Date Of Print: 09/24/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.