

Product Name: Cerium(III) nitrate hexahydrate, REacton™, 99.5% (REO)
Catalog Number: 011329.22

CAS Number: 10294-41-4
IUPAC Name: cerium(3+) hexahydrate trinitrate
Molecular Formula: CeH₁₂N₃O₁₅
Molecular Weight: 434.22
MDL Number: MFCD00149631
InChI Key: QQZMWMKOWKGPQY-UHFFFAOYSA-N
SMILES: O.O.O.O.O.O.[Ce+3].[O-].[N+](O)=O.[O-].[N+](O)=O.[O-].[N+](O)=O
Synonym: cerous nitrate hexahydrate

Product Specification

Appearance (Color): White to off-white
Form: Powder or crystals or crystalline powder
Assay from Suppliers CofA: ≥99.5% (CeO₂/TREO)
Total Rare Earth Oxide ≤0.5%
Impurities:

Date Of Print: 06/12/2025

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