

**Product Name:** Zirconium dinitrate oxide hydrate, 99.9% (metals basis),  
Thermo Scientific Chemicals

**Catalog Number:** 043224.22

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**CAS Number:** 14985-18-3  
**IUPAC Name:** (nitrooxy)(oxo)zirconio nitrate  
**Molecular Formula:** N<sub>2</sub>O<sub>7</sub>Zr  
**Molecular Weight:** 231.23  
**MDL Number:** MFCD00149896  
**InChI Key:** JWBWFTANBHYHBC-UHFFFAOYSA-N  
**SMILES:** [O-][N+](=O)O[Zr](=O)O[N+](O)=O  
**Synonym:** (nitrooxy)(oxo)zirconio nitrate

### Product Specification

**Appearance (Color):** White  
**Form:** Powder or crystals or crystalline powder  
**Total Metal Impurities:** 0.1% max.

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**Date Of Print:** 03/12/2025

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