

## Certificate of Analysis

Date of Testing: 2024-10-17 14:16:20  
Date of Next Testing: 2028-10-16 14:16:20  
Product Name: **Zirconyl chloride octahydrate**  
CAS Number: 13520-92-8  
Specifications & Purity: AR, ≥99%  
Lot #: J2415154  
SKU #: **Z164495**  
Version: **0**  
Analysis #: **391002**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Moisture content	40-50 (%)	45.71%
Purity	99-100 (%)	99.96%
Hafnium by ICP Assay	0-1 (%)	0.27%
Cl(Titration by AgNO <sub>3</sub> )	21.6-22.6 (%)	22.30%
Appearance (Z164495)	White Powder or Crystals	White Powder or Crystals
ICP: Confirms Zirconium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager