

## Certificate of Analysis

Date of Testing: 2024-11-08 11:18:10  
Date of Next Testing: 2028-11-07 11:18:10  
Product Name: **Zirconyl chloride octahydrate**  
CAS Number: 13520-92-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2401657  
SKU #: **Z104931**  
Version: **1**  
Analysis #: **433726**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Moisture content	40-50 (%)	49.83%
Hafnium by ICP Assay	0-1 (%)	0.01%
Cl(Titration by AgNO <sub>3</sub> )	21.4-22.6 (%)	21.53%
Appearance (Z104931)	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