

## Certificate of Analysis

Date of Testing: 2023-05-27 15:12:05  
Date of Next Testing: 2027-05-26 15:12:05  
Product Name: **Zirconyl chloride octahydrate**  
CAS Number: 13520-92-8  
Specifications & Purity: 98%  
Lot #: E2322244  
SKU #: **Z104931**  
**Analysis:** **228367**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Moisture content	40-50 (%)	46.05 %
Hafnium by ICP Assay	0-1 (%)	0.01 %
Cl(Titration by AgNO <sub>3</sub> )	21.4-22.6 (%)	22.00 %
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



John Su  
QA & QC Manager