

## Certificate of Analysis

Date of Testing: 2023-09-15 13:42:46  
Date of Next Testing: 2027-09-14 13:42:46  
Product Name: **Zirconyl chloride octahydrate**  
CAS Number: 13520-92-8  
Specifications & Purity: Analytical Reagent, 99%  
Lot #: I2312676  
SKU #: **Z164495**  
**Analysis:** **276832**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Moisture content	40-50 (%)	46.69%
Purity	99-100 (%)	99.99%
Hafnium by ICP Assay	0-1 (%)	0.01%
Cl(Titration by AgNO <sub>3</sub> )	21.6-22.6 (%)	22.00%
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



John Su  
QA & QC Manager