

## Certificate of Analysis

Date of Testing: 2022-02-07 13:11:57  
Date of Next Testing: 2026-02-06 13:11:57  
Product Name: **Zirconyl chloride octahydrate**  
CAS Number: 13520-92-8  
Specifications & Purity: Analytical Reagent,99%  
Lot #: A2219501  
SKU #: **Z164495**  
**Analysis:** **071086**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Moisture content	40-50 (%)	48.33 %
Purity	99-100 (%)	99.99 %
Hafnium by ICP Assay	0-1 (%)	1.00 %
Cl(Titration by AgNO3)	21.6-22.6 (%)	21.85 %
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