

## Certificate of Analysis

Date of Testing: 2022-01-22 20:43:12  
Date of Next Testing: 2026-01-21 20:43:12  
Product Name: **Zirconyl chloride octahydrate**  
CAS Number: 13520-92-8  
Specifications & Purity: Analytical Reagent,99%  
Lot #: A2219274  
SKU #: **Z164495**  
**Analysis: 069729**  
Storage Temperature: Desiccated

| Parameter                         | Limit Values             | Result                   |
|-----------------------------------|--------------------------|--------------------------|
| Moisture content                  | 40-50 (%)                | 48.33 %                  |
| Purity                            | 99-100 (%)               | 99.20 %                  |
| Hafnium by ICP Assay              | 0-1 (%)                  | 0.02 %                   |
| Cl(Titration by AgNO3)            | 21.6-22.6 (%)            | 22.38 %                  |
| 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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