

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-13 17:02:15  
 Date of Next Testing: 2029-11-12 17:02:15  
 Product Name: **Zirconyl chloride octahydrate**  
 CAS Number: 13520-92-8  
 Specifications & Purity:  $\geq 99.9\%$  metals basis  
 Lot #: K2507716  
 SKU #: **Z104929**  
 Version: **0**  
 Analysis #: **595266**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                                       | Limit Values                    | Result                          |
|-------------------------------------------------|---------------------------------|---------------------------------|
| Moisture content                                | 40-50 (%)                       | 49.79320 %                      |
| Purity(Based on Trace Metals Impurities of ICP) | 99.9-100 (%)                    | 99.91670 %                      |
| Total Metallic Impuritie                        | 0-2000 (ppm)                    | 833.00000 ppm                   |
| Appearance (Z104929)                            | white crystal or crystal powder | white crystal or crystal powder |
| ICP Major Analysis                              | Confirmed to structure          | Confirmed to structure          |
| X-Ray Diffraction                               | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager