

## Certificate of Analysis

Date of Testing: 2023-05-26 17:26:12  
Date of Next Testing: 2027-05-25 17:26:12  
Product Name: **Zirconyl chloride octahydrate**  
CAS Number: 13520-92-8  
Specifications & Purity: 99.9% metals basis  
Lot #: E2322258  
SKU #: **Z104929**  
**Analysis:** **218180**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Moisture content	40-50 (%)	46.05 %
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.99 %
Total Metallic Impuritie	0-2000 (ppm)	144.00 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