

## Certificate of Analysis

Date of Testing: 2022-08-18 14:44:44  
Date of Next Testing: 2026-08-17 14:44:44  
Product Name: **Zirconium(IV) chloride**  
CAS Number: 10026-11-6  
Specifications & Purity: 99.99% trace metals basis, super dry  
Lot #: G2213409  
SKU #: **Z401070**  
**Analysis:** **108220**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99%
Water by Karl Fischer	<50 (ppm)	2.00 ppm
Chloride (Cl-)	60.2 - 61.5 (%)	60.35%
Appearance (Z401070)	White to Off-White Powder	White to Off-White Powder
ICP: Confirms Zirconium Component	Confirmed	Confirmed



John Su  
QA & QC Manager