

## Certificate of Analysis

Date of Testing: 2023-11-13 16:08:02  
Date of Next Testing: 2027-11-12 16:08:02  
Product Name: **Zirconium(IV) chloride**  
CAS Number: 10026-11-6  
Specifications & Purity: 99.99% trace metals basis, super dry  
Lot #: J2326641  
SKU #: **Z401070**  
**Analysis:** **275207**  
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 (%)	60.21%
ICP: Confirms Zirconium Component	Confirmed	Confirmed
Appearance (Z401070)	White to Off-White Powder	White to Off-White Powder



John Su  
QA & QC Manager