

Certificate of Analysis

Date of Testing: 2023-12-22 14:51:55
Date of Next Testing: 2027-12-21 14:51:55
Product Name: **Zirconium(IV) chloride**
CAS Number: 10026-11-6
Specifications & Purity: $\geq 99.9\%$ metals basis
Lot #: L2319113
SKU #: **Z109460**
Analysis: 135212
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impurities	0-1000 (ppm)	513.00 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95 %
Cl(Titration by AgNO ₃)	60.2-61.5 (%)	60.21 %
Appearance (Z109460)	White to Light Yellow Powder or Chunks	White to Light Yellow Powder or Chunks
ICP: Confirms Zirconium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager