

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-09 14:09:04
Date of Next Testing: 2028-12-08 14:09:04
Product Name: **Zirconium(IV) chloride**
CAS Number: 10026-11-6
Specifications & Purity: $\geq 99.9\%$ metals basis
Lot #: L2404523
SKU #: **Z109460**
Version: **0**
Analysis #: **439443**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impurities	0-1000 (ppm)	998.00 ppm
Cl(Titration by AgNO ₃)	60.2-61.5 (%)	60.37 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90 %
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