

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-09 09:03:38
Date of Next Testing: 2029-12-08 09:03:38
Product Name: **Zirconium chloride**
CAS Number: 10026-11-6
Specifications & Purity: $\geq 98\%$, hafnium chloride $\leq 2\%$
Lot #: L2501528
SKU #: **Z109459**
Version: **1**
Analysis #: **609435**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
hafnium(IV) chloride	0-2 (%)	1.50240 %
Purity(ZrCl ₄)	98-100 (%)	98.54000 %
Cl(Titration by AgNO ₃)	60.2-61.5 (%)	60.21000 %
Appearance (Z109459)	White to Light Yellow Powder or Solid or chunks	White to Light Yellow Powder or Solid or chunks
ICP: Confirms Zirconium Component	Confirmed	Confirmed
Solubility(1g/50mL H ₂ O, Clear)	Pass	Pass



John Su
QA & QC Manager