

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-29 12:27:25
Date of Next Testing: 2028-09-28 12:27:25
Product Name: **Zirconium chloride**
CAS Number: 10026-11-6
Specifications & Purity: 98%, hafnium chloride \leq 2%
Lot #: 12425679
SKU #: **Z109459**
Version: **0**
Analysis #: **405479**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
hafnium(IV) chloride	0-2 (%)	0.92%
Cl(Titration by AgNO ₃)	60.2-61.5 (%)	59.73%
Purity(ZrCl ₄)	98-100 (%)	98.16%
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



John Su
QA & QC Manager