

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-08 15:35:22

Date of Next Testing: 2029-12-07 15:35:22

Product Name: **Zirconium chloride**

CAS Number: 10026-11-6

Specifications & Purity: $\geq 98\%$, hafnium chloride $\leq 2\%$

Lot #: L2501134

SKU #: **Z109459**

Version: **1**

Analysis #: **465207**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
hafnium(IV) chloride	0-2 (%)	1.10000 %
Purity($ZrCl_4$)	98-100 (%)	98.17000 %
Cl(Titration by $AgNO_3$)	59.6-62 (%)	59.74000 %
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