

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-22 16:17:39

Date of Next Testing: 2028-05-21 16:17:39

Product Name: **Hafnium(IV) oxychloride hydrate**

CAS Number: 15461-28-6

Specifications & Purity: $\geq 99.9\%$ metals basis, purity excludes

Lot #: E2520481

SKU #: **H475198**

Version: **2**

Analysis #: **512989**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Cl(Titration by AgNO ₃)	≤ 25.8 (%)	17.69000 %
Purity(Based on Trace Metals Impurities Excluding Zirconium)	≥ 99.99 (%)	99.90010 %
Total Metallic Impuritie	0-100 (ppm)	999.00000 ppm
Appearance(H475198)	White Powder or Crystals	White Powder or Crystals
ICP:Confirms Hafnium Component	Confirmed	Confirmed



John Su
QA & QC Manager