

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-16 11:32:03
 Date of Next Testing: 2029-04-15 11:32:03
 Product Name: **Hafnium(IV) dichloride oxide octahydrate**
 CAS Number: 14456-34-9
 Specifications & Purity: $\geq 98\%$ metals basis, excluding Zr, Zr < 1.5%
 Lot #: D2615447
 SKU #: **H283508**
 Version: **2**
 Analysis #: **691217**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(metals basis excluding Zr)	98-100 (%)	99.79740 %
Zirconium(Zr)	0-1.5 (%)	0.40470 %
Water by Karl Fischer	33-36 (%)	33.05000 %
Appearance(H283508)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager