

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-19 18:04:38
 Date of Next Testing: 2028-05-18 18:04:38
 Product Name: **Hafnium(IV) isopropoxide isopropanol adduct**
 CAS Number: 2171-99-5
 Specifications & Purity: $\geq 99\%$
 Lot #: E2516579
 SKU #: **H283050**
 Version: **1**
 Analysis #: **504875**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Assay	99-100 (%)	99.23500 %
Appearance(H283050)	White powder or crystals or crystalline powder	White Powder or crystals or crystalline powder
ICP:Confirms Hafnium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager