

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-09 15:59:12

Date of Next Testing: 2026-08-08 15:59:12

Product Name: **Bis(i-propylcyclopentadienyl)hafnium dichloride**

CAS Number: 66349-80-2

Specifications & Purity: $\geq 98\%$

Lot #: H2303569

SKU #: **B283047**

Version: **1**

Analysis #: **256672**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Chelometric Titration)	97-102.5 (%)	98.20000 %
ICP:Confirms Hafnium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager