

Certificate of Analysis

Date of Testing: 2023-07-13 12:03:15

Date of Next Testing: 2027-07-12 12:03:15

Product Name: **Hafnocene Dichloride**

CAS Number: 12116-66-4

Specifications & Purity: >98.0%

Lot #: G2301063

SKU #: **H157415**

Analysis: **228405**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (as Hf)	98-100 (%)	99.86 %
Appearance (H157415)	White to light reddish-yellow to light brown powd	White to light reddish-yellow to light brown powd
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager