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ALADDIN SCIENTIFIC CORPORATION
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Certificate of Analysis

Date of Testing:	2025-11-04 18:29:25
Date of Next Testing:	2029-11-03 18:29:25
Product Name:	**Hafnocene Dichloride**
CAS Number:	12116-66-4
Specifications & Purity:	≥98%
Lot #:	J2530498
SKU #	**H157415**
Version	**3**
Analysis #:	**585809**
Storage Temperature:	Room temperature,Argon charged

Parameter	**Limit Values**	**Result**
Purity (as Hf)	98-100（%）	98.21000 %
Assay(Titration by AgNO3)	97.5-103.5（%）	103.45000 %
Appearance（H157415)	White to Off-white to light reddish-yellow to light brown powder	White to Off-white to light reddish-yellow to light brown powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager