

Certificate of Analysis

Date of Testing: 2024-05-14 09:59:09

Date of Next Testing: 2026-05-14 09:59:09

Product Name: **Hafnium trifluoromethanesulfonate**

CAS Number: 161337-67-3

Specifications & Purity: $\geq 90.0\%$

Lot #: E2406129

SKU #: **H138326**

Analysis: **334724**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Chelometric Titration)	90-100 (%)	99.00 %
Hf(Gravimetric Analysis, After Ignition to Oxide)	20-35 (%)	23.30 %
Appearance (H138326)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
FNMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager