

Certificate of Analysis

Date of Testing: 2023-03-07 17:00:13

Date of Next Testing: 2027-03-06 17:00:13

Product Name: **Lead zirconate**

CAS Number: 12060-01-4

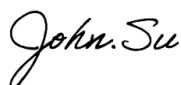
Specifications & Purity: 99.7% metals basis excluding Hf, Hf 1% max

Lot #: D2318153

SKU #: **L119197**

Analysis: **195144**

Parameter	Limit Values	Result
Hafnium(Hf)	0-1 (%)	0.00 %
Total metallic impurities excluding Hf	0-3000 (ppm)	3000.00 ppm
Purity(Based On Trace Metals Analysis)	99.7-100 (%)	99.80 %
Appearance (L119197)	Faint Yellow to Yellow-Tan Powder	Faint Yellow to Yellow-Tan Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager