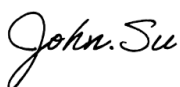


Certificate of Analysis

Date of Testing: 2024-11-16 10:55:54
Date of Next Testing: 2028-11-15 10:55:54
Product Name: **Zirconium dioxide**
CAS Number: 1314-23-4
Specifications & Purity: $\geq 99.99\%$ metals basis, excluding Hf or HfO₂, powder, 0.2 ~ 0.4um
Lot #: K2414594
SKU #: **Z104399**
Version: **0**
Analysis #: **429151**

Parameter	Limit Values	Result
Particle size(D50)(SEM)	0.2-0.4 (μm)	0.21 μm
Trace Metal Analysis(excluding Hf or HfO ₂)	0-200 (ppm)	100.00 ppm
Purity Based On Trace Metals Analysis (excluding Hf or HfO ₂)	99.99-100 (%)	99.99%
Appearance (Z104399)	white powder	White powder
ICP Major Analysis	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager