

Certificate of Analysis

Date of Testing: 2024-09-14 15:35:12
Date of Next Testing: 2028-09-13 15:35:12
Product Name: **Zirconium dioxide**
CAS Number: 1314-23-4
Specifications & Purity: nanopowder, 99.99% metals basis excluding Hf or HfO₂, 0.2 ~ 0.4 μm
Lot #: I2406495
SKU #: **Z104399**
Version: **0**
Analysis #: **404215**

Parameter	Limit Values	Result
Particle size(D50)(SEM)	0.2-0.4 (μm)	0.20 μm
Purity Based On Trace Metals Analysis (excluding Hf or HfO ₂)	99.99-100 (%)	99.99%
Trace Metal Analysis(excluding Hf or HfO ₂)	0-200 (ppm)	100.00 ppm
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