

Certificate of Analysis

Date of Testing: 2021-10-18 21:56:47
Date of Next Testing: 2025-10-17 21:56:47
Product Name: **Zirconium dioxide**
CAS Number: 1314-23-4
Specifications & Purity: nanopowder, 99.99% metals basis excluding Hf or HfO₂, ≤ 100nm
Lot #: J2115299
SKU #: **Z104402**
Analysis: **035448**

Parameter	Limit Values	Result
Particle size	0-100 (nm)	49.80 nm
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)	194.00 ppm
Appearance (Z104402)	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