

Certificate of Analysis

Date of Testing: 2024-02-28 14:47:36
Date of Next Testing: 2028-02-27 14:47:36
Product Name: **Zirconium dioxide**
CAS Number: 1314-23-4
Specifications & Purity: nanopowder,99.99% metals basis excluding Hf or HfO₂,≤100nm
Lot #: B2426104
SKU #: **Z104402**
Analysis: **314191**

Parameter	Limit Values	Result
Particle size	0-100 (nm)	37.63 nm
Trace Metal Analysis(excluding Hf or HfO ₂)	0-200 (ppm)	102.00 ppm
Purity Based On Trace Metals Analysis (excluding Hf or HfO ₂)	99.99-100 (%)	99.99%
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