

Certificate of Analysis

Date of Testing: 2023-01-06 13:45:27
Date of Next Testing: 2027-01-05 13:45:27
Product Name: **Zirconium dioxide**
CAS Number: 1314-23-4
Specifications & Purity: nanopowder, 99.99% metals basis excluding Hf or HfO₂, ≤ 100nm
Lot #: A2304654
SKU #: **Z104402**
Analysis: **162953**

Parameter	Limit Values	Result
Particle size	0-100 (nm)	60.90 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)	100.00 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