

Certificate of Analysis

Date of Testing: 2023-11-15 14:28:10
Date of Next Testing: 2027-11-14 14:28:10
Product Name: **Zirconium dioxide**
CAS Number: 1314-23-4
Specifications & Purity: nanopowder,99.99% metals basis excluding Hf or HfO₂,≤100nm
Lot #: K2307408
SKU #: **Z104402**
Analysis: **284483**

Parameter	Limit Values	Result
Particle size	0-100 (nm)	27.17 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