

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-07 14:48:25
Date of Next Testing: 2027-06-06 14:48:25
Product Name: **Zirconium dioxide**
CAS Number: 1314-23-4
Specifications & Purity: nanopowder,99.99% metals basis excluding Hf or HfO₂,≤100nm
Lot #: F2302326
SKU #: **Z104402**
Analysis: **216609**

Parameter	Limit Values	Result
Particle size	0-100 (nm)	43.57 nm
Trace Metal Analysis(excluding Hf or HfO ₂)	0-200 (ppm)	100.00 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