

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-22 09:57:52
Date of Next Testing: 2028-03-21 09:57:52
Product Name: **Zirconium dioxide**
CAS Number: 1314-23-4
Specifications & Purity: nanopowder,99.99% metals basis excluding Hf or HfO₂,0.2 ~ 0.4um
Lot #: C2416005
SKU #: **Z104399**
Analysis: **325935**

Parameter	Limit Values	Result
Trace Metal Analysis(excluding Hf or HfO ₂)	0-200 (ppm)	3.00 ppm
Purity Based On Trace Metals Analysis (excluding Hf or HfO ₂)	99.99-100 (%)	100.00 %
Particle size(D50)(SEM)	0.2-0.4 (µm)	0.20 µm
Appearance (Z104399)	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