

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

### Certificate of Analysis

Date of Testing: 2025-04-22 15:39:57  
Date of Next Testing: 2029-04-21 15:39:57  
Product Name: **Zirconium dioxide**  
CAS Number: 1314-23-4  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis, excluding Hf or HfO2  
Lot #: D2517600  
SKU #: **Z104398**  
Version: **0**  
Analysis #: **492594**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Trace Metal Analysis(excluding Hf or HfO2)	0-200 (ppm)	100.00000 ppm
Purity Based On Trace Metals Analysis (excluding Hf or HfO2)	99.99-100 (%)	99.99000 %
Appearance (Z104398)	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