

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-12 10:14:51

Date of Next Testing: 2029-09-11 10:14:51

Product Name: **Zirconium dioxide**

CAS Number: 1314-23-4

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis, excluding Hf or HfO<sub>2</sub>, powder, 0.2 ~ 0.4um

Lot #: I2503587

SKU #: **Z104399**

Version: **0**

**Analysis #:** **535063**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Trace Metal Analysis(excluding Hf or HfO <sub>2</sub> )	0-200 (ppm)	83.00000 ppm
Purity Based On Trace Metals Analysis (excluding Hf or HfO <sub>2</sub> )	99.99-100 (%)	99.99170 %
Particle size(D50)(SEM)	0.2-0.4 (µm)	0.20100 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