

## Certificate of Analysis

Date of Testing: 2023-10-19 10:30:24  
Date of Next Testing: 2026-10-18 10:30:24  
Product Name: **Zirconium(IV) oxide**  
CAS Number: 1314-23-4  
Specifications & Purity: powder, 5 µm, 99% trace metals basis  
Lot #: J2311221  
SKU #: **Z431828**  
Analysis: **274937**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.99 %
Particle size	0-5 (µm)	2.08 µm
loss on Ignition	0-0.5 (%)	0.50 %
Trace Metal Analysis	0-1 (%)	0.01 %
Appearance(Z431828)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager