

## Certificate of Analysis

Date of Testing: 2023-01-30 13:43:54  
Date of Next Testing: 2026-01-29 13:43:54  
Product Name: **Zirconium(IV) oxide**  
CAS Number: 1314-23-4  
Specifications & Purity: powder, 5 µm, 99% trace metals basis  
Lot #: A2314347  
SKU #: **Z431828**  
Analysis: **173619**

| Parameter                              | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Purity(Based On Trace Metals Analysis) | 99-100 (%)            | 99.92 %               |
| Particle size                          | 0-5 (µm)              | 2.46 µm               |
| loss on Ignition                       | 0-0.5 (%)             | 0.00 %                |
| Trace Metal Analysis                   | 0-1 (%)               | 0.08 %                |
| Appearance(Z431828)                    | White powder          | White powder          |
| X-Ray Diffraction                      | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager