

## Certificate of Analysis

Date of Testing: 2023-10-16 16:45:54  
Date of Next Testing: 2027-10-15 16:45:54  
Product Name: **Zirconium dioxide**  
CAS Number: 1314-23-4  
Specifications & Purity: 99.99% metals basis excluding Hf or HfO2  
Lot #: J2312461  
SKU #: **Z104398**  
Analysis: **282389**

Parameter	Limit Values	Result
Trace Metal Analysis(excluding Hf or HfO2)	0-200 (ppm)	99.00 ppm
Purity Based On Trace Metals Analysis (excluding Hf or HfO2)	99.99-100 (%)	99.99%
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