

## Certificate of Analysis

Date of Testing: 2024-08-23 17:32:14  
Date of Next Testing: 2028-08-22 17:32:14  
Product Name: **Silicon dioxide**  
CAS Number: 7631-86-9  
Specifications & Purity: nanopowder, 99.5% metals basis, 15nm  
Lot #: H2420393  
SKU #: **S104597**  
Version: **1**  
Analysis #: **403716**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.50 %
Total Metallic Impuritie	0-5500 (ppm)	5000.00 ppm
Particle size	10-20 (nm)	17.48 nm
Appearance (S104597)	Colorless or White or off-white Powder	Colorless or White or off-white Powder
ICP: Confirms Silicon Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager