

## Certificate of Analysis

Date of Testing: 2024-12-10 13:10:52  
Date of Next Testing: 2028-12-09 13:10:52  
Product Name: **Silicon dioxide**  
CAS Number: 7631-86-9  
Specifications & Purity:  $\geq 99.5\%$  metals basis, 30nm  
Lot #: L2404423  
SKU #: **S104596**  
Version: **0**  
Analysis #: **439306**

Parameter	Limit Values	Result
Total Metallic Impuritie	0-5000 (ppm)	98.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.99%
Particle size	25-35 (nm)	28.78 nm
Appearance (S104596)	white to off-white powder	White to Off-White Powder
ICP: Confirms Silicon Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager