

## Certificate of Analysis

Date of Testing: 2025-01-08 19:12:10  
Date of Next Testing: 2029-01-07 19:12:10  
Product Name: **Silicon dioxide**  
CAS Number: 7631-86-9  
Specifications & Purity:  $\geq 99.5\%$  metals basis, 15nm  
Lot #: L2420979  
SKU #: **S104597**  
Version: **1**  
Analysis #: **460423**

| Parameter                              | Limit Values                           | Result                                 |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Purity(Based On Trace Metals Analysis) | 99.5-100 (%)                           | 99.56 %                                |
| Total Metallic Impuritie               | 0-5500 (ppm)                           | 4403.00 ppm                            |
| Particle size                          | 10-20 (nm)                             | 19.78 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