

## Certificate of Analysis

Date of Testing: 2023-09-25 10:55:52  
Date of Next Testing: 2027-09-24 10:55:52  
Product Name: **Silicon dioxide**  
CAS Number: 7631-86-9  
Specifications & Purity:  $\geq 99.95\%$  metals basis, Particle size:  $2\mu\text{m}$   
Lot #: I2320183  
SKU #: **S419438**  
Version: **1**  
Analysis #: **270523**

| Parameter                              | Limit Values              | Result                    |
|--|---------------------------|---------------------------|
| Purity(Based On Trace Metals Analysis) | 99.95-100 (%)             | 100.00 %                  |
| Loss on Ignition (1100 °C, 1 Hr)       | 0-2 (%)                   | 0.49 %                    |
| Average particle size                  | 1-3 ( $\mu\text{m}$ )     | 2.63 $\mu\text{m}$        |
| Trace Metal Analysis                   | 0-500 (ppm)               | 17.00 ppm                 |
| Appearance(S419438)                    | 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     |



John Su  
QA & QC Manager