

Certificate of Analysis

Date of Testing: 2023-09-25 11:11:41
Date of Next Testing: 2027-09-24 11:11:41
Product Name: **Silicon dioxide**
CAS Number: 7631-86-9
Specifications & Purity: $\geq 99.95\%$ metals basis, Particle size: $2\mu\text{m}$
Lot #: I2320182
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 (μm) | 2.63 μm |
| 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 |



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