

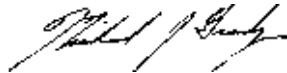
Product Name:

Silicon dioxide - nanopowder, 10-20 nm particle size (BET), 99.5% trace metals basis

Product Number: **637238**
 Batch Number: **MKCP6654**
 Brand: ALDRICH
 CAS Number: 7631-86-9
 MDL Number: MFCD00011232
 Formula: O₂Si
 Formula Weight: 60.08 g/mol
 Quality Release Date: 21 MAY 2021



| Test | Specification | Result |
|--|--------------------|--------------------|
| Appearance (Color) | White | White |
| Appearance (Form) | Powder | Powder |
| Particle Size 10-20 nm | Conforms | Conforms |
| ICP Major Analysis Confirms Silicon Component | Confirmed | Conforms |
| Purity 99.5% Based On Trace Metals Analysis | Meets Requirements | Meets Requirements |
| Trace Metal Analysis | ≤ 5500.0 ppm | 5.2 ppm |
| Boron (B) | | 4.0 ppm |
| Calcium (Ca) | | 1.0 ppm |
| Magnesium (Mg) | | 0.2 ppm |



Michael Grady, Manager
 Quality Control
 Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

