

Certificate of Analysis

Date of Testing: 2023-12-06 10:27:14
Date of Next Testing: 2027-12-05 10:27:14
Product Name: **Titanium oxide, rutile**
CAS Number: 13463-67-7
Specifications & Purity: nanopowder, 25 nm particle size, 99.8% metals basis, hydrophilic
Lot #: K2328096
SKU #: **T104942**
Analysis: 079884

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Purity(Based On Trace Metals Analysis) | 99.8-100 (%) | 99.89% |
| Total Metallic Impurities | 0-2000 (ppm) | 1142.00 ppm |
| Particle size | 15-35 (nm) | 18.76 nm |
| Appearance (T104942) | white powder | White powder |
| Crystal form(Rutile) | pass | Pass |
| ICP:Confirms Titanium Component | Confirmed | Confirmed |
| surface properties,Hydrophilic | Conforms | Conforms |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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QA & QC Manager