

## Certificate of Analysis

Date of Testing: 2024-02-28 09:01:04  
Date of Next Testing: 2027-02-27 09:01:04  
Product Name: **Titanium(IV) oxide**  
CAS Number: 13463-67-7  
Specifications & Purity: nanopowder, 21 nm primary particle size (TEM), ≥99.5% trace metals basis  
Lot #: B2419098  
SKU #: **T431951**  
Version: **1**  
Analysis #: **214093**

| Parameter                              | Limit Values                            | Result                                  |
|--|---|---|
| Specific Surface Area                  | 35-65 (m <sup>2</sup> /g)               | 50.00 m <sup>2</sup> /g                 |
| PH                                     | 3.5-4.5                                 | 3.70                                    |
| Purity(Based On Trace Metals Analysis) | 99.5-100 (%)                            | 99.70 %                                 |
| Total Metallic Impuritie               | 0-5000 (ppm)                            | 3000.00 ppm                             |
| ICP:Confirms Titanium Component        | Confirmed                               | Confirmed                               |
| Appearance(T431951)                    | White to Almost white powder to crystal | White to Almost white powder to crystal |



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