

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-13 14:03:58  
 Date of Next Testing: 2027-07-12 14:03:58  
 Product Name: **Titanium monoxide**  
 CAS Number: 12137-20-1  
 Specifications & Purity:  $\geq 99.9\%$  metals basis, coating quality, granular  
 Lot #: 11924136  
 SKU #: **T121926**  
 Version: **0**  
 Analysis #: **251272**  
 Storage Temperature: Room temperature

| Parameter                              | Limit Values                             | Result                                   |
|----------------------------------------|------------------------------------------|------------------------------------------|
| Total Metallic Impurities              | 0-2000 (ppm)                             | 69.00000 ppm                             |
| Purity(Based On Trace Metals Analysis) | 99.9-100 (%)                             | 99.99310 %                               |
| Ti(Titration after ignition to oxide)  | 73-77 (%)                                | 74.30000 %                               |
| Appearance (T121926)                   | bronze to gold or dark green-brown grain | bronze to gold or dark green-brown grain |
| ICP Major Analysis Confirmed           | Confirmed to structure                   | Confirmed to structure                   |
| X-Ray Diffraction                      | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager