

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-05 15:47:45

Date of Next Testing: 2029-08-04 15:47:45

Product Name: **Titanium oxide**

CAS Number: 13463-67-7

Specifications & Purity: AR, ≥99%

Lot #: H2501090

SKU #: **T105418**

Version: **3**

Analysis #: **550948**

Storage Temperature: Room temperature, Cool

| Parameter                                  | Limit Values          | Result                |
|--------------------------------------------|-----------------------|-----------------------|
| Iron(Fe)                                   | 0-0.005 (%)           | 0.00000 %             |
| (As)Arsenic                                | 0-0.001 (%)           | 0.00000 %             |
| Assay(TiO <sub>2</sub> )                   | 99-100 (%)            | 99.89780 %            |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )    | 0-0.2 (%)             | 0.10500 %             |
| Loss on drying                             | 0-0.5 (%)             | 0.32000 %             |
| Loss on ignition(775-825°C) (After Drying) | 0-0.5 (%)             | 0.36000 %             |
| Heavy metal (as Pb)                        | 0-0.005 (%)           | 0.00000 %             |
| Appearance (T105418)                       | white powder          | White powder          |
| X-Ray Diffraction                          | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager