

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-24 14:32:17
Date of Next Testing: 2029-12-23 14:32:17
Product Name: **Titanium oxide**
CAS Number: 13463-67-7
Specifications & Purity: $\geq 99.8\%$ metals basis, 5-10nm particle size, hydrophilic/lipophilic
Lot #: L2522039
SKU #: **T104940**
Version: **0**
Analysis #: **486435**

| Parameter | Limit Values | Result |
|--|----------------------------|--------------------------|
| Total Metallic Impurities | 0-2000 (ppm) | 198.00 ppm |
| Purity(Based On Trace Metals Analysis) | 99.8-100 (%) | 99.98 % |
| Surface area | 45-400 (m ² /g) | 104.14 m ² /g |
| Particle size | 5-10 (nm) | 7.40 nm |
| Appearance (T104940) | white powder | White powder |
| ICP:Confirms Titanium Component | Confirmed | Confirmed |
| Crystal form(Anatase) | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |
| surface properties(Hydrophilic and lipophilic) | Conforms | Conforms |



John Su
QA & QC Manager