

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

Certificate of Analysis

Date of Testing: 2026-04-06 10:15:14
Date of Next Testing: 2030-04-05 10:15:14
Product Name: **Titanium oxide, rutile**
CAS Number: 13463-67-7
Specifications & Purity: $\geq 99.8\%$ metals basis, nanopowder, 25 nm particle size, hydrophilic
Lot #: C2631430
SKU #: **T104942**
Version: **0**
Analysis #: **674312**
Storage Temperature: Room temperature, Desiccated, Cool

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Purity(Based On Trace Metals Analysis) | 99.8-100 (%) | 99.95430 % |
| Total Metallic Impuritie | 0-2000 (ppm) | 457.00000 ppm |
| Particle size | 15-35 (nm) | 34.45000 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 |



John Su
QA & QC Manager