

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-03 14:53:50

Date of Next Testing: 2026-03-02 14:53:50

Product Name: **Titanium(IV) oxide, anatase**

CAS Number: 1317-70-0

Specifications & Purity:  $\geq 99\%$ , powder,  $\geq 325$  mesh

Lot #: C2202128

SKU #: **T100939**

Version: **0**

Analysis #: **069000**

Storage Temperature: Room temperature

| Parameter                              | Limit Values              | Result                    |
|----------------------------------------|---------------------------|---------------------------|
| Purity(Based On Trace Metals Analysis) | 99-100 (%)                | 99.77080 %                |
| Particle size                          | $\geq 325$ (mesh)         | 23810.00000 mesh          |
| Trace Metal Analysis                   | 0-10000 (ppm)             | 2292.00000 ppm            |
| loss on Ignition                       | 0-1 (%)                   | 0.00800 %                 |
| Appearance (T100939)                   | White to Off-White Powder | White to Off-White Powder |
| Crystal form(Anatase)                  | pass                      | Pass                      |
| X-Ray Diffraction                      | Conforms to Structure     | Conforms to Structure     |



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