

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-26 11:03:12

Date of Next Testing: 2028-01-25 11:03:12

Product Name: **Barium titanate**

CAS Number: 12047-27-7

Specifications & Purity:  $\geq 99.5\%$  metals basis, powder,  $< 4\mu\text{m}$

Lot #: A2416085

SKU #: **B106130**

Version: **0**

Analysis #: **310742**

Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                               | Limit Values              | Result                    |
|-----------------------------------------|---------------------------|---------------------------|
| Total Metallic Impurities               | 0-5000 (ppm)              | 1057.00000 ppm            |
| Purity (Based On Trace Metals Analysis) | 99.5-100 (%)              | 99.89430 %                |
| Loss on drying                          | 0-1 (%)                   | 0.11000 %                 |
| Particle size                           | 0-4 ( $\mu\text{m}$ )     | 1.79000 $\mu\text{m}$     |
| Appearance (B106130)                    | White to Off-White Powder | White to Off-White Powder |
| ICP: Confirms Ti and Ba Components      | Confirmed                 | Confirmed                 |
| X-Ray Diffraction                       | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager