

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-25 13:45:30

Date of Next Testing: 2027-09-24 13:45:30

Product Name: **Barium titanate**

CAS Number: 12047-27-7

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

Lot #: 12320283

SKU #: **B106130**

Version: **0**

Analysis #: **268474**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Total Metallic Impurities	0-5000 (ppm)	900.00000 ppm
Purity (Based On Trace Metals Analysis)	99.5-100 (%)	99.91000 %
Loss on drying	0-1 (%)	0.06500 %
Particle size	0-4 (μm)	1.84000 μm
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