

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-07 09:32:16

Date of Next Testing: 2029-11-06 09:32:16

Product Name: **Barium titanate**

CAS Number: 12047-27-7

Specifications & Purity: $\geq 99.9\%$ metals basis, < 100 nm

Lot #: J2531493

SKU #: **B118840**

Version: **0**

Analysis #: **591308**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-1.5 (%)	0.80000 %
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.98420 %
Particle size	0-100 (nm)	59.81000 nm
Total Metallic Impuritie	0-1000 (ppm)	158.00000 ppm
Appearance (B118840)	White to Off-White Powder	White to Off-White Powder
ICP Major Analysis Confirmed	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager