

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-17 15:05:40

Date of Next Testing: 2026-11-16 15:05:40

Product Name: **Barium titanate(IV)**

CAS Number: 12047-27-7

Specifications & Purity: $\geq 99.9\%$ metals basis, nanopowder (cubic), 50 nm (SEM)

Lot #: K2308062

SKU #: **B431563**

Version: **1**

Analysis #: **288293**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.98450 %
Particle Size(SEM)	40-60 (nm)	48.66000 nm
Total Metallic Impuritie	0-1000 (ppm)	155.00000 ppm
Appearance(B431563)	White to Off-White Powder	White to Off-White Powder
ICP Major Analysis(Confirms Ti and Ba Components)	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager