

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-19 09:46:18

Date of Next Testing: 2028-09-18 09:46:18

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

CAS Number: 12047-27-7

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

Lot #: I2517631

SKU # **B431563**

Version **1**

Analysis #: **569889**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.97710 %
Total Metallic Impuritie	0-1000 (ppm)	229.00000 ppm
Particle Size(SEM)	40-60 (nm)	52.93000 nm
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