

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2026-04-15 11:56:10  
Date of Next Testing: 2029-04-14 11:56:10  
Product Name: **Barium titanate(IV)**  
CAS Number: 12047-27-7  
Specifications & Purity:  $\geq 99.9\%$  metals basis, nanopowder (cubic), 50 nm (SEM)  
Lot #: D2614320  
SKU #: **B431563**  
Version: **1**  
Analysis #: **666007**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95740 %
Total Metallic Impuritie	0-1000 (ppm)	426.00000 ppm
Particle Size(SEM)	40-60 (nm)	57.88000 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