

## Certificate of Analysis

Date of Testing: 2022-09-08 10:47:21  
Date of Next Testing: 2026-09-07 10:47:21  
Product Name: **Barium titanate**  
CAS Number: 12047-27-7  
Specifications & Purity: 99.9% metals basis, < 100 nm  
Lot #: I2202463  
SKU #: **B118840**  
Analysis: **119645**

Parameter	Limit Values	Result
Loss on drying	0-1.5 (%)	0.71 %
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.94 %
Particle size	0-100 (nm)	61.17 nm
Total Metallic Impuritie	0-1000 (ppm)	621.00 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