

## Certificate of Analysis

Date of Testing: 2024-11-15 17:23:15  
Date of Next Testing: 2028-11-14 17:23:15  
Product Name: **Barium titanate**  
CAS Number: 12047-27-7  
Specifications & Purity:  $\geq 99.9\%$  metals basis, < 100 nm  
Lot #: K2411171  
SKU #: **B118840**  
Version: **0**  
Analysis #: **426666**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-1.5 (%)	0.75 %
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.99 %
Particle size	0-100 (nm)	73.71 nm
Total Metallic Impuritie	0-1000 (ppm)	118.00 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