

Certificate of Analysis

Date of Testing: 2023-04-21 15:06:26
Date of Next Testing: 2027-04-20 15:06:26
Product Name: **Barium titanate**
CAS Number: 12047-27-7
Specifications & Purity: $\geq 99.9\%$ metals basis, < 100 nm
Lot #: D2315186
SKU #: **B118840**
Version: **0**
Analysis #: **204876**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-1.5 (%)	0.86 %
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.96 %
Particle size	0-100 (nm)	55.69 nm
Total Metallic Impuritie	0-1000 (ppm)	442.00 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