

## Certificate of Analysis

Date of Testing: 2023-05-17 11:35:19  
Date of Next Testing: 2027-05-16 11:35:19  
Product Name: **Strontium titanate**  
CAS Number: 12060-59-2  
Specifications & Purity: 99.5% metals basis, ≤5 μm  
Lot #: D23251118  
SKU #: **S118843**  
Version: **0**  
Analysis #: **186141**

Parameter	Limit Values	Result
loss on ignition(1 h, 1100 °C)	0-1 (%)	0.50 %
Particle size	0-5 (μm)	2.43 μm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.50 %
Total Metallic Impuritie	0-5000 (ppm)	4996.00 ppm
Appearance (S118843)	White to Off-White Powder	White to Off-White Powder
ICP: Confirms Ti and Sr Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager