

## Certificate of Analysis

Date of Testing: 2025-04-12 16:18:45  
Date of Next Testing: 2029-04-11 16:18:45  
Product Name: **Calcium titanate**  
CAS Number: 12049-50-2  
Specifications & Purity:  $\geq 99.5\%$  metals basis, powder, 2  $\mu\text{m}$   
Lot #: D2503031  
SKU #: **C118844**  
Version: **0**  
Analysis #: **083163**

Parameter	Limit Values	Result
Total Metallic Impurities	0-5000 (ppm)	3672.00 ppm
Average particle size	0.5-4 ( $\mu\text{m}$ )	2.33 $\mu\text{m}$
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.63%
Loss on drying(105°C)	0-0.1 (%)	0.05%
Loss on Ignition(1 h, 800 °C)	0-0.5 (%)	0.49%
Appearance (C118844)	White to tan powder	White to tan powder
ICP:Confirms Calcium and Titanium Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager