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Product Specification

Product Name:

Calcium zirconate – nanopowder, <50 nm particle size (BET), 99.7% trace metals basis

Product Number: 631965
CAS Number: 12013-47-7
MDL: MFCD00015982
Formula: CaO₃Zr
Formula Weight: 179.30 g/mol



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Particle Size	Conforms
< 50 nm (BET)	
ICP Major Analysis	Confirmed
Confirms Calcium and Zirconium Components	
Purity	Meets Requirements
99.7 % Based On Trace Metals Analysis (excluding Hafnium content)	
Trace Metal Analysis (excluding Hafnium)	≤ 3500.0 ppm

Specification: PRD.1.ZQ5.10000099669

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.