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Product Specification

Product Name:

Cerium(IV)-zirconium(IV) oxide - nanopowder, <50 nm particle size (BET), 99.0% trace metals basis

Product Number: 634174
CAS Number: 53169-24-7
MDL: MFCD04039951
Formula: CeO₄Zr
Formula Weight: 295.34 g/mol

CeO₂ / ZrO₂

TEST	Specification
Appearance (Color)	White to Yellow
Appearance (Form)	Powder
X-Ray Diffraction	Conforms to Structure
Size	
Specific Surface Area: m ² /g (BET)	
Specification: Report Result	
Size	≤ 50
Average Particle Size: nm (BET)	
Product of Supplier	Confirmed
Engi-Mat Co.	
Purity	Meets Requirements
99.0% Based On Trace Metals Analysis	
Trace Metal Analysis	≤ 10000.0 ppm

Specification: PRD.1.ZQ5.10000074295

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.