

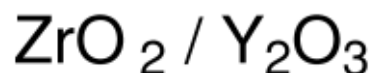
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Product Specification

Product Name:
Zirconium(IV) oxide-yttria stabilized - nanopowder

Product Number: 572322
CAS Number: 308076-80-4
MDL: MFCD00145546
Formula: O5Y2Zr
Formula Weight: 349.03 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
ICP Major Analysis Confirms Zirconium and Yttrium Components	Confirmed
Size </=100 nm	Pass
Surface Area 10 - 25 m2/g	Pass
Supplier information Method of Manufacture Guarantees 97% ZrO2 and 3% Y2O3 per Supplier	Pass

Specification: PRD.0.ZQ5.10000025495

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.