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Product Specification

Product Name:

Zirconium(IV) oxide-yttria stabilized - submicron powder, 99.9% trace metals basis (purity excludes ~2% HfO₂)**Product Number:****464228**

CAS Number:

114168-16-0

ZrO₂ / Y₂O₃

MDL:

MFCD00145546

Formula:

O₅Y₂Zr

Formula Weight:

349.03 g/mol

TEST**Specification**

Appearance (Color)

White

Appearance (Form)

Powder

X-Ray Diffraction

Conforms to Structure

Size

d₅₀ (Microtrac X100)

Specification: Report Result

Purity

Meets Requirements

99.9% Based on Trace Metal Analysis Excluding Hafnium

Trace Metal Analysis

≤ 1500.0 ppm

Specification: PRD.2.ZQ5.10000031753

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.