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Product Specification

Product Name:

Gadolinium(III) oxide – nanopowder, <100 nm particle size (BET), 99.8% trace metals basis

Product Number:

637335

CAS Number:

12064-62-9

MDL:

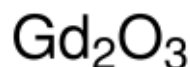
MFCD00011026

Formula:

Gd₂O₃

Formula Weight:

362.50 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Size (BET)	< 100 nm
Compleximetric EDTA % Gd	≥ 84.2 %
ICP Major Analysis Confirms Gadolinium Component	Confirmed
Purity 99.8% Based on Rare Earth Analysis	Meets Requirements
Trace Rare Earth Analysis	≤ 3000.0 ppm

Specification: PRD.1.ZQ5.10000031846

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.