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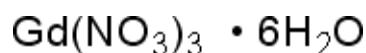
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Product Specification

Product Name:

Gadolinium(III) nitrate hexahydrate – crystals and lumps, 99.9% trace metals basis

Product Number: 211591
CAS Number: 19598-90-4
MDL: MFCD00149728
Formula: GdN3O9 · 6H2O
Formula Weight: 451.36 g/mol



TEST	Specification
Appearance (Color)	White or Colorless
Appearance (Form)	Conforms to Requirements
Crystals or Crystalline Powder and/or Chunks	
Complexometric EDTA (% Gd)	33.4 - 36.2 %
ICP Major Analysis	Confirmed
Confirms Gd Component	
Trace Rare Earth Analysis	≤ 1500.0 ppm
Purity	Meets Requirements
99.9% Based On Rare Earth Analysis	

Specification: PRD.1.ZQ5.10000012441

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.