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Product Specification

Product Name:

Lanthanum(III) nitrate hexahydrate - 99.999% trace metals basis

Product Number:**203548**

CAS Number:

10277-43-7

La(NO₃)₃ • 6H₂O

MDL:

MFCD00149751

Formula:

LaN3O9 • 6H2O

Formula Weight:

433.01 g/mol

TEST	Specification
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Appearance (Color)

White

Appearance (Form)

Conforms to Requirements

Powder, Crystals or Crystalline Powder and/or Chunks

X-Ray Diffraction

Conforms to Structure

Compleximetric EDTA

31.0 - 35.0 %

% Lanthanum

ICP Major Analysis

Confirmed

Confirms Lanthanum Component

Purity

Conforms

99.999% Based On Rare Earth Analysis

Trace Rare Earth Analysis

≤ 15.0 ppm

Specification: PRD.0.ZQ5.10000063800

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.