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## Product Specification

Product Name:

Lanthanum(III) nitrate hydrate - 99.9% trace metals basis

**Product Number:****238554**La(NO<sub>3</sub>)<sub>3</sub> · xH<sub>2</sub>O

CAS Number:

100587-94-8

MDL:

MFCD00717612

Formula:

LaN3O9 · xH2O

Formula Weight:

324.92 g/mol

**TEST****Specification**

Appearance (Color)

White to Off White

Appearance (Form)

Powder or Crystal or Chunk(s)

Complexometric EDTA

% La

Typically 32% - 37% La

ICP Major Analysis

Confirmed

Confirms Lanthanum Component

Purity

Meets Requirements

99.9 % Based on Rare Earth Analysis

Trace Rare Earth Analysis

≤ 2000.0 ppm

Specification: PRD.0.ZQ5.10000100599

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](http://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.