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Product Specification

Product Name:
Lanthanum(III) carbonate hydrate - 99.9% trace metals basis

Product Number: 325767
CAS Number: 54451-24-0
MDL: MFCD00149757
Formula: C3La2O9 · xH2O
Formula Weight: 457.84 g/mol

 $\text{La}_2(\text{CO}_3)_3 \cdot x\text{H}_2\text{O}$

TEST	Specification
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Appearance (Color)	White
Appearance (Form)	Powder to Crystalline Powder
Complexometric EDTA % Lanthanum (Typically 50% - 60%)	
ICP Major Analysis Confirms Lanthanum Component	Confirmed
Purity 99.9% Based On Rare Earth Analysis	Conforms
Trace Rare Earth Analysis	≤ 1500.0 ppm

Specification: PRD.2.ZQ5.10000008883

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.