

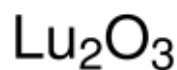
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Product Specification

Product Name:
Lutetium (III) oxide – 99.99% trace metals basis

Product Number: 203661
CAS Number: 12032-20-1
MDL: MFCD00011100
Formula: Lu₂O₃
Formula Weight: 397.93 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Complexometric EDTA (% Lu)	86.6 - 89.3 %
ICP Major Analysis Confirms Lutetium Component	Confirmed
Purity 99.99% Purity Based On Rare Earth Analysis	Meets Requirements
Trace Rare Earth Analysis	≤ 150.0 ppm

Specification: PRD.1.ZQ5.10000023188

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.