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Product Specification

Product Name:

Lutetium(III) nitrate hydrate – 99.9% trace metals basis

Product Number:

436429

 $\text{Lu}(\text{NO}_3)_3 \cdot x\text{H}_2\text{O}$

CAS Number:

100641-16-5

MDL:

MFCD00150421

Formula:

 $\text{LuN}_3\text{O}_9 \cdot x\text{H}_2\text{O}$

Formula Weight:

360.98 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystal or Chunk(s)
Complexometric EDTA % Lutetium	≤ 47.3 %
ICP Major Analysis Confirms Lutetium Component	Confirmed
Purity 99.9% Based On Rare Earth Analysis	Conforms
Trace Rare Earth Analysis	≤ 1500.0 ppm

Specification: PRD.1.ZQ5.10000004299

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.