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Product Specification

Product Name:

Lutetium(III) chloride hexahydrate - ≥99.99% trace metals basis

Product Number:

542075

CAS Number:

15230-79-2

MDL:

MFCD00149775

Formula:

Cl₃Lu · 6H₂O

Formula Weight:

389.42 g/mol



TEST

Specification

Appearance (Color)

Conforms to Requirements

Colorless to White

Appearance (Form)

Powder or Crystals or Powder with
Chunk(s) or Crystals with Chunk(s)
Confirmed

ICP Major Analysis

Confirms Lutetium Component

Trace Rare Earth Analysis

≤ 100.0 ppm

Purity

Meets Requirements

≥99.99% Based On Rare Earth Analysis

Complexometric EDTA

43.8 - 46.0 %

% Lu

Specification: PRD.0.ZQ5.10000013050

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.