

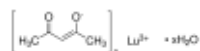
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Product Specification

Product Name:
Lutetium(III) acetylacetonate hydrate - ≥99.9% trace metals basis

Product Number: **517658**
CAS Number: 86322-74-9
MDL: MFCD08272319
Formula: C₁₅H₂₁LuO₆ · xH₂O
Formula Weight: 472.29 g/mol



| TEST | Specification |
|--|-----------------------|
| Appearance (Color) | White |
| Appearance (Form) | Powder |
| Infrared spectrum | Conforms to Structure |
| Complexometric EDTA % Lutetium | ≤ 36.3 % |
| ICP Major Analysis Confirms Lu Component | Confirmed |
| Purity > = 99.9% Based On Rare Earth Analysis | Meets Requirements |
| Trace Rare Earth Analysis | ≤ 1000.0 ppm |

Specification: PRD.0.ZQ5.10000067248

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.