

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-30 09:43:07  
Date of Next Testing: 2028-08-29 09:43:07  
Product Name: **Lutetium oxide**  
CAS Number: 12032-20-1  
Specifications & Purity: 99.9% metals basis  
Lot #: H2420075  
SKU #: **L128185**  
Version: **0**  
Analysis #: **405398**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	76.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99 %
Lu(Complexometric EDTA)	86.6-89.3 (%)	87.86 %
Appearance (L128185)	white powder	White powder
ICP: Confirms Lutetium Component	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager