

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-04 13:17:31  
Date of Next Testing: 2027-12-03 13:17:31  
Product Name: **Lutetium oxide**  
CAS Number: 12032-20-1  
Specifications & Purity: 99.9% metals basis  
Lot #: K2329204  
SKU #: **L128185**  
Analysis: **301314**

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