

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-01 10:33:44

Date of Next Testing: 2026-10-31 10:33:44

Product Name: **Lutetium oxide**

CAS Number: 12032-20-1

Specifications &amp; Purity: 99.9% metals basis

Lot #: J2228587

SKU # **L128185****Analysis: 150512**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	630.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.94 %
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