

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-13 09:48:48

Date of Next Testing: 2028-05-12 09:48:48

Product Name: **Lutetium oxide**

CAS Number: 12032-20-1

Specifications & Purity: 99.9% metals basis

Lot #: D2429019

SKU #: **L128185****Analysis: 357342**

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