

## Certificate of Analysis

Date of Testing: 2024-12-02 17:42:21  
Date of Next Testing: 2028-12-01 17:42:21  
Product Name: **Lutetium oxide**  
CAS Number: 12032-20-1  
Specifications & Purity:  $\geq 99.9\%$  metals basis  
Lot #: K2429365  
SKU #: **L128185**  
Version: **0**  
Analysis #: **442645**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	104.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99 %
Lu(Complexometric EDTA)	86.6-89.3 (%)	88.13 %
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