

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-04 09:36:42  
Date of Next Testing: 2027-08-03 09:36:42  
Product Name: **Lutetium chloride**  
CAS Number: 10099-66-8  
Specifications & Purity: anhydrous, powder, 99.9% metals basis  
Lot #: G2326730  
SKU #: **L119223**  
**Analysis:** **249519**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.51 %
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99 %
Trace Rare Earth Analysis	0-2000 (ppm)	97.32 ppm
Lu(Complexometric EDTA)	61.6-62.8 (%)	62.74 %
Appearance (L119223)	white powder	White powder
ICP: Confirms Lutetium Component	Confirmed to structure	Confirmed to structure



John Su  
QA & QC Manager