

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-12 14:11:49

Date of Next Testing: 2028-11-11 14:11:49

Product Name: **Lutetium oxide**

CAS Number: 12032-20-1

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: K2404480

SKU #: **L105574**

Version: **0**

Analysis #: **062998**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
Lu(Complexometric EDTA)	86.6-89.3 (%)	88.17 %
Trace Rare Earth Analysis	0-200 (ppm)	0.00 ppm
Appearance (L105574)	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