

Certificate of Analysis

Date of Testing: 2024-12-02 17:45:55
Date of Next Testing: 2028-12-01 17:45:55
Product Name: **Lutetium oxide**
CAS Number: 12032-20-1
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis
Lot #: K2429357
SKU #: **L105574**
Version: **0**
Analysis #: **437952**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Lu(Complexometric EDTA)	86.6-89.3 (%)	88.13 %
Trace Rare Earth Analysis	0-200 (ppm)	104.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
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