

## Certificate of Analysis

Date of Testing: 2023-09-22 15:31:55

Date of Next Testing: 2027-09-21 15:31:55

Product Name: **Lutetium**

CAS Number: 7439-94-3

Specifications & Purity: 99.9% metals basis

Lot #: I2308732

SKU # **L110934**

**Analysis:** **268498**

Storage Temperature: Argon charged

| Parameter                                                   | Limit Values           | Result                 |
|-------------------------------------------------------------|------------------------|------------------------|
| Purity(Based On Trace Rare Earth Analysis)                  | 99.9-100 (%)           | 99.98 %                |
| Trace Rare Earth Analysis(Al,Ca,Cu,Dy,Er,Fe,Mg,Mn,Ni,Tm,Yb) | 0-2000 (ppm)           | 238.00 ppm             |
| Appearance (L110934)                                        | grey ingots            | grey ingots            |
| ICP: Confirms Lutetium Component                            | Confirmed to structure | Confirmed to structure |
| X-Ray Diffraction                                           | Conforms to Structure  | Conforms to Structure  |



John Su  
QA & QC Manager