

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2024-12-05 13:54:28

Date of Next Testing: 2028-12-04 13:54:28

Product Name: **Lutetium oxide**

CAS Number: 12032-20-1

Specifications & Purity: 99.99% metals basis

Lot #: K2429014

SKU #: **S52513**

Version: **0**

Analysis #: **444548**

Storage Temperature: Room temperature, Argon charged

| Parameter                                  | Limit Values           | Result                 |
|--------------------------------------------|------------------------|------------------------|
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%)          | 99.99 %                |
| Lu(Complexometric EDTA)                    | 86.6-89.3 (%)          | 87.86 %                |
| Trace Rare Earth Analysis                  | 0-200 (ppm)            | 76.00 ppm              |
| ICP: Confirms Lutetium Component           | Confirmed to structure | Confirmed to structure |
| X-Ray Diffraction                          | Conforms to Structure  | Conforms to Structure  |
| Appearance(S52513)                         | white powder           | White powder           |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

