

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-11 15:28:07

Date of Next Testing: 2026-07-10 15:28:07

Product Name: **Yttrium oxide**

CAS Number: 1314-36-9

Specifications & Purity: 99.99% metals basis

Lot #: G2201629

SKU #: **Y103885**

**Analysis:** **101325**

Storage Temperature: Argon charged

| Parameter                                  | Limit Values          | Result                |
|--------------------------------------------|-----------------------|-----------------------|
| Trace Rare Earth Analysis                  | 0-200 (ppm)           | 94.00 ppm             |
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%)         | 99.99 %               |
| Y(Compleximetric EDTA)                     | 77.6-79.9 (%)         | 78.80 %               |
| Appearance (Y103885)                       | white powder          | White powder          |
| ICP: Confirms Yttrium Component            | Confirmed             | Confirmed             |
| X-Ray Diffraction                          | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager