

## Certificate of Analysis

Date of Testing: 2022-11-05 09:50:24

Date of Next Testing: 2026-11-04 09:50:24

Product Name: **Yttrium oxide**

CAS Number: 1314-36-9

Specifications & Purity: 99.99% metals basis ,50nm

Lot #: J2227792

SKU # **Y103889**

**Analysis:** **121660**

Storage Temperature: Argon charged

| Parameter                                  | Limit Values          | Result                |
|--------------------------------------------|-----------------------|-----------------------|
| Trace Rare Earth Analysis                  | 0-200 (ppm)           | 110.00 ppm            |
| Average particle size                      | 40-60 (nm)            | 55.18 nm              |
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%)         | 99.99 %               |
| Y(Compleximetric EDTA)                     | 77.6-79.9 (%)         | 77.61 %               |
| Appearance (Y103889)                       | white powder          | White powder          |
| ICP: Confirms Yttrium Component            | Confirmed             | Confirmed             |
| X-Ray Diffraction                          | Conforms to Structure | Conforms to Structure |



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