

## Certificate of Analysis

Date of Testing: 2023-02-11 10:11:22

Date of Next Testing: 2027-02-10 10:11:22

Product Name: **Yttrium oxide**

CAS Number: 1314-36-9

Specifications & Purity:  $\leq 40\text{nm}$  , 99.5% metals basis

Lot #: B2303635

SKU # **Y103886**

**Analysis:** **166416**

Storage Temperature: Argon charged

| Parameter                                  | Limit Values          | Result                |
|--------------------------------------------|-----------------------|-----------------------|
| Trace Rare Earth Analysis                  | 0-5000 (ppm)          | 54.00 ppm             |
| Particle size                              | 0-40 (nm)             | 30.76 nm              |
| Purity(Based On Trace Rare Earth Analysis) | 99.5-100 (%)          | 99.99 %               |
| Appearance (Y103886)                       | white powder          | White powder          |
| ICP: Confirms Yttrium Component            | Confirmed             | Confirmed             |
| X-Ray Diffraction                          | Conforms to Structure | Conforms to Structure |



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