

Certificate of Analysis

Date of Testing: 2024-05-11 08:40:28

Date of Next Testing: 2028-05-10 08:40:28

Product Name: **Yttrium oxide**

CAS Number: 1314-36-9

Specifications & Purity: 99.99% metals basis ,50nm

Lot #: E2407032

SKU # **Y103889**

Analysis: **056581**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Average particle size	40-60 (nm)	50.81 nm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
Y(Compleximetric EDTA)	77.6-79.9 (%)	77.61 %
Trace Rare Earth Analysis	0-200 (ppm)	99.00 ppm
Appearance (Y103889)	white powder	White powder
ICP: Confirms Yttrium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager