

Certificate of Analysis

Date of Testing: 2023-08-14 13:23:05

Date of Next Testing: 2027-08-13 13:23:05

Product Name: **Yttrium oxide**

CAS Number: 1314-36-9

Specifications & Purity: 99.99% metals basis ,50nm

Lot #: H23021153

SKU # **Y103889**

Analysis: **249958**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
Trace Rare Earth Analysis	0-200 (ppm)	57.00 ppm
Average particle size	40-60 (nm)	45.64 nm
Y(Compleximetric EDTA)	77.6-79.9 (%)	77.85 %
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