

Certificate of Analysis

Date of Testing: 2024-12-04 15:28:16

Date of Next Testing: 2028-12-03 15:28:16

Product Name: **Yttrium oxide**

CAS Number: 1314-36-9

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis, powder, 50nm

Lot #: L2403549

SKU #: **Y103889**

Version: **0**

Analysis #: **440681**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
Trace Rare Earth Analysis	0-200 (ppm)	23.00 ppm
Average particle size	40-60 (nm)	52.58 nm
Y(Compleximetric EDTA)	77.6-79.9 (%)	77.60 %
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