

Certificate of Analysis

Date of Testing: 2023-06-30 18:07:48

Date of Next Testing: 2027-06-29 18:07:48

Product Name: **Yttrium oxide**

CAS Number: 1314-36-9

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

Lot #: F23271059

SKU # **Y103886**

Analysis: **239281**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-5000 (ppm)	104.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.5-100 (%)	99.99 %
Particle size	0-40 (nm)	39.00 nm
Appearance (Y103886)	white powder	White powder
ICP: Confirms Yttrium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager