

Certificate of Analysis

Date of Testing: 2022-06-30 17:20:24

Date of Next Testing: 2026-06-29 17:20:24

Product Name: **Yttrium oxide**

CAS Number: 1314-36-9

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

Lot #: F2228656

SKU #: **Y103886**

Analysis: **092953**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-5000 (ppm)	121.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.5-100 (%)	99.99 %
Particle size	0-40 (nm)	39.98 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