

Certificate of Analysis

Date of Testing: 2023-02-09 15:11:50
Date of Next Testing: 2027-02-08 15:11:50
Product Name: **Yttrium oxide**
CAS Number: 1314-36-9
Specifications & Purity: $\leq 40\text{nm}$, 99.5% metals basis
Lot #: B2303633
SKU #: **Y103886**
Analysis: **166416**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-5000 (ppm)	54.00 ppm
Particle size	0-40 (nm)	30.76 nm
Purity(Based On Trace Rare Earth Analysis)	99.5-100 (%)	99.99 %
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