

Certificate of Analysis

Date of Testing: 2021-12-08 22:16:53

Date of Next Testing: 2025-12-07 22:16:53

Product Name: **Yttrium oxide**

CAS Number: 1314-36-9

Specifications & Purity: 99.9% metals basis

Lot #: L2107415

SKU #: **Y103890**

Analysis: **056716**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.99 %
Y(Complexiometric EDTA)	77.6-79.9 (%)	78.80 %
Trace Rare Earth Analysis	0-2000 (ppm)	96.00 ppm
Appearance (Y103890)	white powder	White powder
ICP: Confirms Yttrium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager