

## Certificate of Analysis

Date of Testing: 2024-01-16 16:23:38  
Date of Next Testing: 2028-01-15 16:23:38  
Product Name: **Yttrium oxide**  
CAS Number: 1314-36-9  
Specifications & Purity: 99.9% metals basis  
Lot #: A2411042  
SKU #: **Y103890**  
**Analysis:** **315739**  
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 (%)	78.56%
Trace Rare Earth Analysis	0-2000 (ppm)	74.00 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