

Certificate of Analysis

Date of Testing: 2022-09-20 10:35:17

Date of Next Testing: 2026-09-19 10:35:17

Product Name: **Yttrium oxide**

CAS Number: 1314-36-9

Specifications & Purity: nanopowder,99.99% metals basis ,50nm

Lot #: K1819053

SKU # **Y103889**

Analysis: **137035**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
Y(Complexiometric EDTA)	77.6-79.9 (%)	78.30 %
Trace Rare Earth Analysis	0-200 (ppm)	80.00 ppm
Average particle size	40-60 (nm)	50.00 nm
Appearance (Y103889)	white powder	White powder
ICP: Confirms Yttrium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager