

## Certificate of Analysis

Date of Testing: 2023-05-25 16:30:06  
Date of Next Testing: 2027-05-24 16:30:06  
Product Name: **Ytterbium oxide**  
CAS Number: 1314-37-0  
Specifications & Purity: 99.99% metals basis  
Lot #: E2322170  
SKU #: **Y118477**  
**Analysis:** **219838**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Complexometric EDTA (Yb)	86.5-90 (%)	88.04 %
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	100.00 %
Trace Rare Earth Analysis	0-200 (ppm)	44.00 ppm
Appearance (Y118477)	white powder	White powder
ICP:Confirms Ytterbium component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager