

## Certificate of Analysis

Date of Testing: 2023-05-18 15:21:48  
Date of Next Testing: 2027-05-17 15:21:48  
Product Name: **Ytterbium**  
CAS Number: 7440-64-4  
Specifications & Purity: powder,99.9% metals basis  
Lot #: E2315722  
SKU #: **Y105331**  
**Analysis:** **199414**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	375.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.96 %
Appearance (Y105331)	grey to black powder	grey to black powder
ICP:Confirms Ytterbium component	Confirmed	Confirmed



John Su  
QA & QC Manager