

## Certificate of Analysis

Date of Testing: 2023-12-06 10:07:32  
Date of Next Testing: 2027-12-05 10:07:32  
Product Name: **Ytterbium(III) oxide**  
CAS Number: 1314-37-0  
Specifications & Purity: 99.9% metals basis  
Lot #: K2327275  
SKU #: **Y106043**  
**Analysis: 301758**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	92.00 ppm
Complexometric EDTA (Yb)	85.6-89.1 (%)	88.14 %
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99 %
Appearance (Y106043)	white powder	White powder
ICP:Confirms Ytterbium component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager