

## Certificate of Analysis

Date of Testing: 2022-02-16 14:25:14  
Date of Next Testing: 2026-02-15 14:25:14  
Product Name: **Ytterbium(III) oxide**  
CAS Number: 1314-37-0  
Specifications & Purity: 99.9% metals basis  
Lot #: D1825039  
SKU #: **Y106043**  
**Analysis: 074123**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	271.00 ppm
Complexometric EDTA (Yb)	85.6-89.1 (%)	86.65 %
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.97 %
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