

Certificate of Analysis

Date of Testing: 2022-11-07 19:19:10
Date of Next Testing: 2026-11-06 19:19:10
Product Name: **Ytterbium(III) oxide**
CAS Number: 1314-37-0
Specifications & Purity: 99.9% metals basis
Lot #: K2204762
SKU #: **Y106043**
Analysis: 153053

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Trace Rare Earth Analysis | 0-2000 (ppm) | 500.00 ppm |
| Complexometric EDTA (Yb) | 85.6-89.1 (%) | 88.02 % |
| Purity(Based On Trace Rare Earth Analysis) | 99.9-100 (%) | 99.95 % |
| 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