

Certificate of Analysis

Date of Testing: 2024-05-17 14:08:19
Date of Next Testing: 2028-05-16 14:08:19
Product Name: **Ytterbium(III) oxide**
CAS Number: 1314-37-0
Specifications & Purity: 99.9% metals basis
Lot #: E2408278
SKU #: **Y106043**
Version: **0**
Analysis #: **359733**

| Parameter | Limit Values | Result |
|--------------------------------------------|-----------------------|-----------------------|
| Trace Rare Earth Analysis | 0-2000 (ppm) | 48.00 ppm |
| Complexometric EDTA (Yb) | 85.6-89.1 (%) | 87.77 % |
| Purity(Based On Trace Rare Earth Analysis) | 99.9-100 (%) | 100.00 % |
| 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