

Certificate of Analysis

Date of Testing: 2022-07-21 10:23:41
Date of Next Testing: 2026-07-20 10:23:41
Product Name: **Ytterbium(III) oxide**
CAS Number: 1314-37-0
Specifications & Purity: 99.9% metals basis
Lot #: G2201041
SKU #: **Y106043**
Analysis: **043507**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	158.00 ppm
Complexometric EDTA (Yb)	85.6-89.1 (%)	86.61 %
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