

Certificate of Analysis

Item Code: OX68-4N
Product Name: Erbium Oxide (Er₂O₃) Powder
Purity: 99.99% (REO)
Lot Number: OX68-SAM-TY-4
Date: 10/01/2022

TREO (%)	> 99
Er ₂ O ₃ /TREO (%)	> 99.99
<u>Rare Earth Impurities (ppm):</u>	
La ₂ O ₃	< 5
CeO ₂	< 5
Pr ₆ O ₁₁	< 5
Nd ₂ O ₃	< 5
Sm ₂ O ₃	< 5
Eu ₂ O ₃	< 5
Gd ₂ O ₃	< 5
Tb ₄ O ₇	< 5
Dy ₂ O ₃	< 5
Ho ₂ O ₃	8
Tm ₂ O ₃	< 5
Yb ₂ O ₃	< 10
Lu ₂ O ₃	< 5
Y ₂ O ₃	25
<u>Non-Rare Earth Impurities (ppm):</u>	
Fe ₂ O ₃	< 10
CaO	15
SiO ₂	20
Cl ⁻	< 150
L.O.I. (%)	< 0.43

Stanford Advanced Materials

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