

Certificate of Analysis

Item Code: OX68-4N
Product Name: Erbium Oxide (Er_2O_3) Powder
Purity: 99.99% (REO)
Lot Number: OX68-SAM-TY-4
Date: 10/01/2022

TREO (%)	> 99
Er_2O_3 /TREO (%)	> 99.99
<u>Rare Earth Impurities (ppm):</u>	
La_2O_3	< 5
CeO_2	< 5
Pr_6O_{11}	< 5
Nd_2O_3	< 5
Sm_2O_3	< 5
Eu_2O_3	< 5
Gd_2O_3	< 5
Tb_4O_7	< 5
Dy_2O_3	< 5
Ho_2O_3	8
Tm_2O_3	< 5
Yb_2O_3	< 10
Lu_2O_3	< 5
Y_2O_3	25
<u>Non-Rare Earth Impurities (ppm):</u>	
Fe_2O_3	< 10
CaO	15
SiO_2	20
Cl^-	< 150
L.O.I. (%)	< 0.43

Stanford Advanced Materials

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