

Certificate of Analysis

Item Code:	OX67-4N
Product Name:	Holmium Oxide (Ho ₂ O ₃) Powder
Purity:	99.99% (REO)
Lot Number:	OX67-01-SAM-TY-3
Date:	06/20/2023

TREO (%)	> 99
Ho 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	10
Er ₂ O ₃	10
Y ₂ O ₃	10
Tm ₂ O ₃	10
Yb ₂ O ₃	10
Lu ₂ O ₃	10
<u>Non-Rare Earth Impurities (ppm):</u>	
Fe ₂ O ₃	3
SiO ₂	< 25
CaO	20
Cl ⁻	100
L.O.I. (%)	0.38

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