

Certificate of Analysis

Item Code: OX60-4N
Product Name: Neodymium Oxide (Nd₂O₃) Powder
Purity: 99.99% (REO)
Lot Number: OX60-SAM-TY-3
Date: 10/22/2023

TREO (%)	> 99
Nd ₂ O ₃ /TREO (%)	> 99.99
<u>Rare Earth Impurities (ppm):</u>	
La ₂ O ₃	< 15.0
CeO ₂	< 5.0
Pr ₆ O ₁₁	< 65.0
Sm ₂ O ₃	< 5.0
Eu ₂ O ₃	< 2.0
Gd ₂ O ₃	< 1.0
Tb ₄ O ₇	< 1.0
Dy ₂ O ₃	< 1.0
Ho ₂ O ₃	< 1.0
Er ₂ O ₃	< 1.0
Tm ₂ O ₃	< 1.0
Yb ₂ O ₃	< 2.0
Lu ₂ O ₃	< 1.0
Y ₂ O ₃	< 2.0
<u>Non-Rare Earth Impurities (ppm):</u>	
Fe ₂ O ₃	< 6.0
SiO ₂	28.0
CaO	35.0
Cl ⁻	65.0
L.O.I. (%)	0.82

Stanford Advanced Materials

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