

Certificate of Analysis

Product Name: Praseodymium Oxide (Pr6O11) Powder
SAM Item Code: OX64-4N
Purity: 99.9% (REO)
Lot Number: OC230110-17207
Date: 01/10/2023

REO (%)	99
Pr ₆ O ₁₁ /TREO (%)	99.9
<u>Rare Earth Impurities (%):</u>	
La ₂ O ₃	0.0060
CeO ₂	< 0.01
Nd ₂ O ₃	< 0.01
Sm ₂ O ₃	< 0.005
Eu ₂ O ₃	< 0.005
Gd ₂ O ₃	< 0.005
Tb ₄ O ₇	< 0.005
Dy ₂ O ₃	< 0.005
Ho ₂ O ₃	< 0.005
Er ₂ O ₃	< 0.002
Tm ₂ O ₃	< 0.002
Yb ₂ O ₃	< 0.002
Lu ₂ O ₃	< 0.002
Y ₂ O ₃	< 0.002
<u>Non-RE Impurities (%):</u>	
Fe ₂ O ₃	0.003
SiO ₂	0.0028
CaO	0.0015
L.O.I. (%)	<1.0

Stanford Advanced Materials

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