

Certificate of Analysis

Europium Oxide, 30-50 nm, 99.99 %

Stock #: 2411RE

5/27/2008

Components		Contents (PPm)
REO	La ₂ O ₃	< 2
	CeO ₂	< 2
	Pr ₆ O ₁₁	< 2
	Nd ₂ O ₃	2.6
	Sm ₂ O ₃	4.5
	Eu ₂ O ₃	99.99%
	Gd ₂ O ₃	3.6
	Tb ₄ O ₇	2
	Dy ₂ O ₃	<1
	Ho ₂ O ₃	<1
	Er ₂ O ₃	< 1
	Tm ₂ O ₃	< 1
	Yb ₂ O ₃	< 1
	Lu ₂ O ₃	< 1
	Y ₂ O ₃	<1
	Non-REO	CaO
CuO		< 5
Fe ₂ O ₃		5
NiO		< 5
PbO		< 5
SiO ₂		22
MgO		<5
ZnO		<5
Co ₂ O ₃		<5
MnO ₂		<5
TiO ₂		<5

Analytical Technique: Inductively coupled plasma (ICP)

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