

Certificate of Analysis

Yttrium oxide, 20-40 nm, 99.99 %(REO)

Stock #: 5611RE

7/12/2007

Components		Contents (PPm)
REO	La ₂ O ₃	< 1
	CeO ₂	< 1
	Pr ₆ O ₁₁	< 1
	Nd ₂ O ₃	< 1
	Sm ₂ O ₃	< 1
	Eu ₂ O ₃	< 1
	Gd ₂ O ₃	3
	Tb ₄ O ₇	3
	Dy ₂ O ₃	2
	Ho ₂ O ₃	1.5
	Er ₂ O ₃	< 1
	Tm ₂ O ₃	< 1
	Yb ₂ O ₃	< 1
	Lu ₂ O ₃	< 1
	Non-REO	CaO
CuO		< 1
Fe ₂ O ₃		15
NiO		< 1
PbO		< 1
SiO ₂		22
MgO		22
ZnO		<1
Co ₂ O ₃		/
MnO ₂		<1
TiO ₂		<1

Analytical Technique: Inductively coupled plasma (ICP)

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