

# Certificate of Analysis

Europium oxide, 45 - 58 nm, 99.99%(REO)  
Stock #: 2450YS

Components		Contents (%)
REO	CeO <sub>2</sub>	< 0.0005
	Dy <sub>2</sub> O <sub>3</sub>	< 0.0005
	Gd <sub>2</sub> O <sub>3</sub>	< 0.0005
	Ho <sub>2</sub> O <sub>3</sub>	< 0.0005
	La <sub>2</sub> O <sub>3</sub>	< 0.0005
	Lu <sub>2</sub> O <sub>3</sub>	< 0.0005
	Nd <sub>2</sub> O <sub>3</sub>	< 0.0005
	Pr <sub>6</sub> O <sub>11</sub>	< 0.0005
	Sm <sub>2</sub> O <sub>3</sub>	< 0.0005
	Tb <sub>4</sub> O <sub>7</sub>	< 0.0005
	Tm <sub>2</sub> O <sub>3</sub>	< 0.0005
	Y <sub>2</sub> O <sub>3</sub>	< 0.0005
	Yb <sub>2</sub> O <sub>3</sub>	< 0.0005
	Non-REO	CaO
Cl		0.078
CuO		< 0.0005
Fe <sub>2</sub> O <sub>3</sub>		0.0007
NiO		< 0.0005
PbO		< 0.0005
SiO <sub>2</sub>		0.0028
ZnO		< 0.001

Analytical Technique: Inductively coupled plasma (ICP)

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