

# Certificate of Analysis

Cerium oxide, 15-30 nm, 99.9%  
Stock #: 1406RE

Components		Contents (ppm)
REO	La <sub>2</sub> O <sub>3</sub>	86
	Pr <sub>6</sub> O <sub>11</sub>	36
	Nd <sub>2</sub> O <sub>3</sub>	22
	Sm <sub>2</sub> O <sub>3</sub>	10
	Gd <sub>2</sub> O <sub>3</sub>	10
	Eu <sub>2</sub> O <sub>3</sub>	10
	Ho <sub>2</sub> O <sub>3</sub>	<10
	Dy <sub>2</sub> O <sub>3</sub>	<10
	Tb <sub>4</sub> O <sub>7</sub>	<10
	Er <sub>2</sub> O <sub>3</sub>	<10
	Tm <sub>2</sub> O <sub>3</sub>	<10
	Yb <sub>2</sub> O <sub>3</sub>	<10
	Lu <sub>2</sub> O <sub>3</sub>	<10
	Y <sub>2</sub> O <sub>3</sub>	<10
	Non-REO	CaO
SiO <sub>2</sub>		56
Fe <sub>2</sub> O <sub>3</sub>		24
MgO		22
ZnO		<5
Co <sub>2</sub> O <sub>3</sub>		<5
MnO <sub>2</sub>		<5
TiO <sub>2</sub>		<5
CuO		<5
NiO		<5
PbO		<5

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