

# Certificate of Analysis

Europium Oxide (Eu<sub>2</sub>O<sub>3</sub>)

TREO % 99.22

Eu<sub>2</sub>O<sub>3</sub>/REO % ≥99.995

50~70 nm( by TEM )

Stock #: 2410ZQ

Components	Contents (%)	
REO	La <sub>2</sub> O <sub>3</sub>	≤0.0002
	CeO <sub>2</sub>	≤0.0002
	Pr <sub>6</sub> O <sub>11</sub>	≤0.0002
	Nd <sub>2</sub> O <sub>3</sub>	≤0.0002
	Sm <sub>2</sub> O <sub>3</sub>	0.0003
	Eu <sub>2</sub> O <sub>3</sub>	
	Gd <sub>2</sub> O <sub>3</sub>	0.0004
	Tb <sub>4</sub> O <sub>7</sub>	≤0.0002
	Dy <sub>2</sub> O <sub>3</sub>	0.0003
	Ho <sub>2</sub> O <sub>3</sub>	≤0.0005
	Er <sub>2</sub> O <sub>3</sub>	≤0.0005
	Tm <sub>2</sub> O <sub>3</sub>	≤0.0001
	Yb <sub>2</sub> O <sub>3</sub>	≤0.0001
	Lu <sub>2</sub> O <sub>3</sub>	≤0.0001
	Y <sub>2</sub> O <sub>3</sub>	0.0005
Non-REO	Fe <sub>2</sub> O <sub>3</sub>	0.005
	SiO <sub>2</sub>	0.003
	CaO	0.006
	CuO	≤0.001
	NiO	≤0.001
	PbO	≤0.001

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