

# Certificate of Analysis

Praseodymium oxide  
APS: 50 nm  
Purity: 99.5% (REO)  
Stock #: 4450FY

Components		Contents (%)
REO	CeO <sub>2</sub>	< 0.05
	La <sub>2</sub> O <sub>3</sub>	< 0.01
	Nd <sub>2</sub> O <sub>3</sub>	< 0.40
	Sm <sub>2</sub> O <sub>3</sub>	< 0.01
	Y <sub>2</sub> O <sub>3</sub>	< 0.01
Non-REO	CaO	< 0.0047
	CuO	< 0.0001
	Fe <sub>2</sub> O <sub>3</sub>	< 0.0016
	SiO <sub>2</sub>	< 0.01

Analytical Technique: Inductively coupled plasma (ICP)

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