

Maximize your productivity through  
**Skyspring nanomaterials**

## Lanthanum Oxide Nanoparticles ( $\text{La}_2\text{O}_3$ , 99.99%, 100 nm)

Form: White Nanopowder

Empirical Formula:  $\text{La}_2\text{O}_3$

Product Number: 4410CG

### Specifications

Lanthanum oxide ( $\text{La}_2\text{O}_3$ )

Purity: 99.99% (REO)

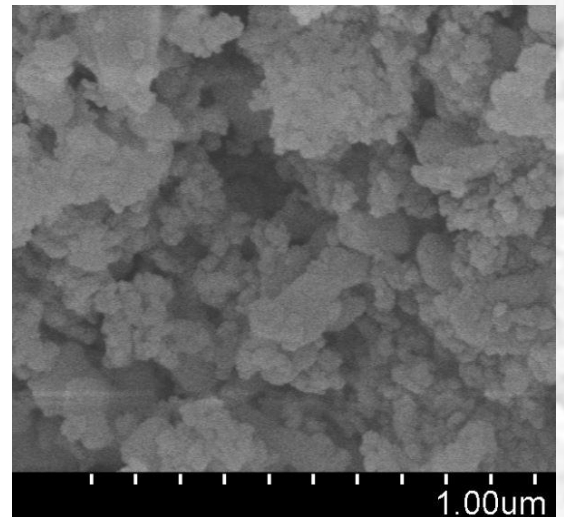
Appearance: white nanopowder

APS: 100 nm

Bulk density:  $\sim 0.4 \text{ g/cm}^3$

True density:  $6.51 \text{ g/cm}^3$

Impurities contents:



Contents (ppm)		
	$\text{CeO}_2$	$\leq 0.001$
	$\text{Pr}_6\text{O}_{11}$	$\leq 0.001$
	$\text{Nd}_2\text{O}_3$	$\leq 0.001$
	$\text{Sm}_2\text{O}_3$	$\leq 0.001$
	$\text{Y}_2\text{O}_3$	$\leq 0.001$
	$\text{Fe}_2\text{O}_3$	0.0005
	$\text{SiO}_2$	0.0020
	$\text{CaO}$	0.002
	$\text{CuO}$	$\leq 0.002$
	$\text{NiO}$	$\leq 0.002$
	$\text{PbO}$	$\leq 0.002$

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