



## Advanced Engineering Materials

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### Material Certification Sheet

Product Name:	Lanthanum Oxide Powder (La <sub>2</sub> O <sub>3</sub> )
Purity:	>99.5%
Size:	1-10um or similar
AEM Part No.:	AEMRP-La <sub>2</sub> O <sub>3</sub>
Lot Number:	AEM-240200101

Analysis Type: Typical, % by Wt.

RE	Impurities	Non-RE	Impurities
TREO	99.08	Fe <sub>2</sub> O <sub>3</sub>	<0.01
La <sub>2</sub> O <sub>3</sub> /TREO	99.995	SiO <sub>2</sub>	<0.01
CeO <sub>2</sub> /TREO	<0.001	L.O.I	0.90
Pr <sub>6</sub> O <sub>11</sub> /TREO	<0.0005		
Nd <sub>2</sub> O <sub>3</sub> /TREO	<0.0005		
Sm <sub>2</sub> O <sub>3</sub> /TREO	<0.0005		
Y <sub>2</sub> O <sub>3</sub> /TREO	<0.0005		

TREO: total rare earth oxide

By: \_\_\_\_\_