



Advanced Engineering Materials

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Material Certification Sheet

Product Name:	Cerium Oxide (CeO ₂) Powder
Purity:	99.999%
AEM Part No.:	AEMRP-CeO ₂
Lot Number:	AEM2024050802

Analysis Type: ppm by wt.

CeO ₂ / TREO	> 99.999%	Fe ₂ O ₃	8.2
La ₂ O ₃	0.7	SiO ₂	8.5
CeO ₂	99.999%	CaO	9.7
Pr ₆ O ₁₁	2.1	MgO	2.2
Nd ₂ O ₃	3.5	/	/
Sm ₂ O ₃	0.5	/	/
Eu ₂ O ₃	0.1	/	/
Gd ₂ O ₃	0.1	/	/
Tb ₄ O ₇	0.1	/	/
Dy ₂ O ₃	0.1	/	/
Ho ₂ O ₃	0.1	/	/
Er ₂ O ₃	0.1	/	/
Tm ₂ O ₃	0.1	/	/
Yb ₂ O ₃	0.1	/	/
Lu ₂ O ₃	0.1	/	/
Y ₂ O ₃	0.9	/	/

By: _____