



Advanced Engineering Materials

Rm. 408, Building 1, No. 31, Yinshan Road
Yuelu District, Changsha, Hunan 410013
People's Republic of China

Tel: +86-731-84472418
Email: sales@aemree.com
Web: www.aemree.com

Material Certification Sheet

Product Name:	Cerium Oxide Powder
Purity:	TREO $\geq 99\%$, CeO ₂ /TREO $\geq 99.99\%$
AEM Part No.:	AEMRP-CeO ₂
Lot Number:	AEM2023100701
Size:	0.8 micro
CAS:	1306-38-3
LOI:	$\leq 1\%$
Colour:	Yellow

Analysis Type: ICP, % by Wt.

TREO	≥ 99.0	CeO ₂ /TREO	≥ 99.99
La ₂ O ₃ /TREO	≤ 0.004	Cl ⁻	≤ 0.08
Pr ₆ O ₁₁ /TREO	≤ 0.002	Al ₂ O ₃	≤ 0.001
Nd ₂ O ₃ /TREO	≤ 0.002	Fe ₂ O ₃	≤ 0.005
Sm ₂ O ₃ /TREO	≤ 0.001		
Y ₂ O ₃ /TREO	≤ 0.001		

By: _____