



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:	Sm2O3 Powder
Purity:	99.999%
AEM Part No.:	AEMRP-Sm2O3
Lot Number:	AEM-2023092609
Size:	D50 3-6 um

Chemical Composition: ppm by wt

La2O3	≤0.5	Fe2O3	≤2
CeO2	≤0.5	SiO2	≤20
Pr6O11	≤0.5	CaO	≤10
Nd2O3	≤1	CuO	≤2
Sm2O3	99.999%	MgO	≤5
Eu2O3	≤2	PbO	≤2
Gd2O3	≤0.5	NaO	≤5
Tb4O7	≤0.5	NiO	≤2
Dy2O3	≤0.5	P	≤5
Ho2O3	≤0.5	S	≤20
Er2O3	≤0.5	Cl	≤50
Tm2O3	≤0.5	REO	>99.5%
Yb2O3	≤0.5	LOI	<1%
Lu2O3	≤0.5		
Y2O3	≤1		

By: _____