



Advanced Engineering Materials

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Material Certification Sheet

Product Name:	Neodymium Oxide (Nd ₂ O ₃) Powder
Purity:	99.999%
AEM Part No.:	AEMRP-Nd ₂ O ₃
Lot Number:	AEM2024050803

Analysis Type: ppm by wt.

Nd ₂ O ₃ / TREO	> 99.999 %	Fe ₂ O ₃	1.0
La ₂ O ₃	0.1	SiO ₂	5.0
CeO ₂	0.2	CaO	6.5
Pr ₆ O ₁₁	3.0	MgO	1.2
Nd ₂ O ₃	99.999%	/	/
Sm ₂ O ₃	0.5	/	/
Eu ₂ O ₃	0.2	/	/
Gd ₂ O ₃	0.8	/	/
Tb ₄ O ₇	0.1	/	/
Dy ₂ O ₃	0.3	/	/
Ho ₂ O ₃	0.2	/	/
Er ₂ O ₃	0.2	/	/
Tm ₂ O ₃	0.1	/	/
Yb ₂ O ₃	0.1	/	/
Lu ₂ O ₃	0.1	/	/
Y ₂ O ₃	1.5	/	/

By: _____