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Material Certification Sheet

Product Name:	Gadolinium (Gd) Sputtering Target
Purity:	TREM >99.5%, Gd/TREM >99.9%
AEM Part No.:	AEMRE-Gd
Lot Number:	AEM2015052603
Date:	2015/5/26

Analysis Type: ICP-MS, ppm

RE Impurities (<)		Non-RE Impurities (<)	
La	<10	Fe	200
Ce	<10	Al	180
Pr	<10	Si	120
Nd	<10	Ca	230
Sm	<50	Mg	<100
Eu	<50	C	<100
Gd	Matrix	O	1000
Tb	<50	W	350
Dy	<50	Ni	<100
Ho	<10		
Er	<10		
Tm	<10		
Yb	<10		
Lu	<10		
Y	<50		
TREM	>99.5%		
Gd/TREM	>99.9%		

RE: rare earth
TREM: total rare earth metals

By: _____