



Advanced Engineering Materials

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Material Certification Sheet

Product Name:	Samarium (Sm) Cast Block
Purity:	TREM >99.5%, Sm/TREM >99.9%
AEM Part No.:	AEMRE-Sm
Lot Number:	AEM2015091306
Date:	2015/9/13

Analysis Type: ICP-MS, %

RE Impurities (<)		Non-RE Impurities (<)	
La	0.01	Fe	0.042
Ce	<0.0010	Si	0.0043
Pr	<0.0010	Ca	<0.010
Nd	<0.0010	Mg	<0.010
Sm	Matrix	Al	<0.010
Eu	<0.0010	C	0.011
Gd	<0.0010		
Tb	<0.0010		
Dy	<0.0010		
Ho	<0.0010		
Er	<0.0010		
Tm	<0.0010		
Yb	<0.0010		
Lu	<0.0010		
Y	<0.0010		
TREM	>99.5%		
Sm/TREM	>99.9%		

RE: rare earth
TREM: total rare earth metals

By: _____