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Material Certification Sheet

Product Name:	Scandium (Sc) Metal
Purity:	TREM >99.94%, Sc/TREM >99.999%
AEM Part No.:	AEMST-Sc
Lot Number:	AEM2017120201
Date:	2017/12/2

Analysis Type: ICP-MS, ug/g

RE Impurities (<)		Non-RE Impurities (<)	
La	0.20	Mn	17.0
Ce	0.31	Fe	197.0
Pr	0.21	Si	30.0
Nd	0.11	Ca	13.0
Sm	0.18	Mg	9.0
Eu	0.35	Cu	48.0
Gd	0.11	Ni	9.1
Tb	0.30	Al	180.0
Dy	5.87	Zr	1.2
Ho	0.27	Ti	1.1
Er	0.41	Mo	1.3
Tm	0.21	Ta	1.5
Yb	0.10	W	1.5
Lu	0.10		
Y	0.20		
TREM	>99.94%		
Sc/TREM	>99.999%		

RE: rare earth
TREM: total rare earth metals

By: _____