



Advanced Engineering Materials

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Material Certification Sheet

Product Name:	Scandium(III) Sulfate Octahydrate ($\text{Sc}_2\text{S}_3\text{O}_{12}\cdot 8\text{H}_2\text{O}$)
Purity:	>99.9%
AEM Part No.:	AEMREO-Sc2O3
Lot Number:	AEM2015032302
Date:	2015/3/23

Analysis Type: ICP-MS, PPM by Wt.

REO Impurities (<)		Non-REO Impurities (<)	
La2O3	10.0	Fe2O3	8.0
CeO2	10.0	SiO2	10.0
Pr6O11	10.0	CaO	32.0
Nd2O3	5.0	MgO	1.0
Sm2O3	5.0	Al2O3	6.0
Eu2O3	0.5	TiO2	17.0
Gd2O3	1.5	NiO	2.0
Tb4O7	1.0	ZrO2	300.0
Dy2O3	1.0	Na2O	30.0
Ho2O3	1.5	V2O5	1.0
Er2O3	1.0	CuO	2.0
Tm2O3	1.0	Th	50.0
Yb2O3	2.0	Cl-	50.0
Lu2O3	2.0		
Y2O3	1.0		

By: _____