

Customer: **Advanced Engineering Materials Limited** P.O.#
Date: 10-Aug-2016 Job #

H0GUH297

Customer ID: **Y**
AEM16072901

Sample ID: S160810037

[Rev: 2016-08-10 16:31:47]

Element	Concentration [ppm wt]	Element	Concentration [ppm wt]
Li	< 0.01	Ag	< 1
Be	< 0.01	Cd	< 0.5
B	< 0.01	In	< 0.1
F	-	Sn	< 0.1
Na	0.08	Sb	< 0.1
Mg	< 0.05	Te	< 0.1
Al	14	I	< 0.5
Si	3.9	Cs	< 0.1
P	0.09	Ba	< 0.05
S	1.9	La	1.4
Cl	~ 21	Ce	0.26
K	< 0.1	Pr	< 0.05
Ca	0.1	Nd	0.82
Sc	15	Sm	< 0.05
Ti	2.3	Eu	< 0.05
V	0.03	Gd	0.12
Cr	5	Tb	8.1
Mn	1.4	Dy	12
Fe	35	Ho	0.18
Co	0.06	Er	0.65
Ni	21	Tm	< 0.05
Cu	8.3	Yb	< 0.05
Zn	< 0.5	Lu	0.11
Ga	< 0.1	Hf	< 0.05
Ge	< 0.1	Ta	6
As	< 0.1	W	41
Se	< 0.5	Re	0.02
Br	< 0.5	Os	< 0.01
Rb	< 0.05	Ir	< 0.01
Sr	< 0.05	Pt	< 0.05
Y	Matrix	Au	< 0.5
Zr	< 0.1	Hg	< 0.1
Nb	< 0.05	Tl	< 0.05
Mo	0.29	Pb	0.29
Ru	< 0.1	Bi	< 0.01
Rh	< 1	Th	< 0.005
Pd	< 0.5	U	< 0.005

ISO 17025



Testing Cert. #2797.03

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Analyzed according to WI F rev. 12/06/12
Reviewed by _____

D.VANAVERY (Analyst)

David C. Van Avery