

Customer: **SGS Minerals Services**
103 Commerce Blvd., Liverpool, NY 13088 USA
Date: 30-Jul-2014
Customer ID: **Graphite**
14185-003; +65m - as received

P.O.#
Job #
Sample ID:

[Rev: 2014-08-13 13:51:31]

Element	Concentration [ppm wt]	Element	Concentration [ppm wt]
Li	< 0.05	Ag	< 0.1
Be	< 0.05	Cd	< 1
B	0.6	In	< 0.05
C	Matrix	Sn	< 0.05
F	< 10	Sb	< 0.05
Na	7	Te	< 0.05
Mg	32	I	< 0.05
Al	45	Cs	< 0.05
Si	400	Ba	< 0.05
P	2	La	< 0.05
S	12	Ce	< 0.05
Cl	0.7	Pr	< 0.05
K	1.5	Nd	< 0.05
Ca	18	Sm	< 0.05
Sc	< 0.05	Eu	< 0.05
Ti	0.3	Gd	< 0.05
V	< 0.05	Tb	< 0.05
Cr	< 0.05	Dy	< 0.05
Mn	0.6	Ho	< 0.05
Fe	60	Er	< 0.05
Co	< 0.05	Tm	< 0.05
Ni	1	Yb	< 0.05
Cu	0.7	Lu	< 0.05
Zn	0.5	Hf	< 0.05
Ga	< 0.05	Ta	< 10
Ge	< 0.05	W	0.2
As	< 0.05	Re	< 0.05
Se	< 0.5	Os	< 0.05
Br	< 0.05	Ir	< 0.05
Rb	< 0.05	Pt	< 0.5
Sr	< 0.1	Au	< 0.5
Y	< 0.05	Hg	< 0.5
Zr	< 0.05	Tl	< 0.05
Nb	< 0.5	Pb	< 0.05
Mo	< 0.1	Bi	< 0.05
Ru	< 0.5	Th	< 0.01
Rh	< 0.1	U	< 0.01
Pd	< 0.5		

ISO 17025



Testing Cert. #2797.03

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

K.PUTYERA (Analyst)



Precision and bias typical of GDMS measurements are discussed under ASTM F1593.
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Customer: **SGS Minerals Services**
103 Commerce Blvd., Liverpool, NY 13088 USA
Date: 30-Jul-2014
Customer ID: **Graphite**
14185-003; +65m - outgassed

P.O.#
Job #
Sample ID:

[Rev: 2014-08-13 13:51:54]

Element	Concentration [ppm wt]	Element	Concentration [ppm wt]
Li	< 0.05	Ag	< 0.1
Be	< 0.05	Cd	< 1
B	0.7	In	< 0.05
C	Matrix	Sn	< 0.05
F	< 10	Sb	< 0.05
Na	2	Te	< 0.05
Mg	1	I	< 0.05
Al	5	Cs	< 0.05
Si	150	Ba	< 0.05
P	0.5	La	< 0.05
S	20	Ce	< 0.05
Cl	0.8	Pr	< 0.05
K	0.5	Nd	< 0.05
Ca	3	Sm	< 0.05
Sc	< 0.05	Eu	< 0.05
Ti	0.3	Gd	< 0.05
V	< 0.05	Tb	< 0.05
Cr	< 0.05	Dy	< 0.05
Mn	< 0.05	Ho	< 0.05
Fe	24	Er	< 0.05
Co	< 0.05	Tm	< 0.05
Ni	0.8	Yb	< 0.05
Cu	< 0.1	Lu	< 0.05
Zn	< 0.1	Hf	< 0.05
Ga	< 0.05	Ta	< 10
Ge	< 0.05	W	0.3
As	< 0.05	Re	< 0.05
Se	< 0.5	Os	< 0.05
Br	< 0.05	Ir	< 0.05
Rb	< 0.05	Pt	< 0.5
Sr	< 0.1	Au	< 0.5
Y	< 0.05	Hg	< 0.5
Zr	< 0.05	Tl	< 0.05
Nb	< 0.5	Pb	< 0.05
Mo	< 0.1	Bi	< 0.05
Ru	< 0.5	Th	< 0.01
Rh	< 0.1	U	< 0.01
Pd	< 0.5		

ISO 17025



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