

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Friday, October 29, 2004 06:19:14 PM Page 1

(counts per second) (First sample acquired : Fri Oct 29 18:18:28 2004)

SAMPLE, RUN, DATE	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
NIST. 610		1	Fri Oct 29 18:18:28 2004					
(Mean)F1 205Tl/203Tl m/r	1.0189861	0.0085	1.0189487	0.0080	29 of 30	1.0189138	0.0075	28 of 30
(Mean)F9 204Pb/206Pb 200	0.0575206	0.0339	0.0575132	0.0325	29 of 30	0.0575060	0.0311	28 of 30
(Mean)F10 204Pb/206Pb 201	0.0575656	0.0317	0.0575584	0.0302	29 of 30	0.0575584	0.0302	29 of 30
(Mean)F11 204Pb/206Pb 202	0.0575404	0.0333	0.0575404	0.0333	30 of 30	0.0575404	0.0333	30 of 30
(Mean)F12 207Pb/206Pb	0.9182363	0.0082	0.9182363	0.0082	30 of 30	0.9182363	0.0082	30 of 30
(Mean)F13 208Pb/206Pb	2.2095143	0.0033	2.2095204	0.0026	28 of 30	2.2094931	0.0024	27 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0495459	0.0343	17.0495459	0.0343	30 of 30	17.0495459	0.0343	30 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.5106939	0.0367	15.5128782	0.0350	29 of 30	15.5129299	0.0317	27 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9793836	0.0385	36.9798808	0.0339	28 of 30	36.9798808	0.0339	28 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9097422	0.0071	0.9096865	0.0062	28 of 30	0.9096865	0.0062	28 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1689359	0.0094	2.1690190	0.0088	29 of 30	2.1690246	0.0079	27 of 30
(Mean)F19 208Pb/206Pb m/r	1.0192897	0.0033	1.0192925	0.0026	28 of 30	1.0192799	0.0024	27 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0397391	0.0323	17.0419149	0.0307	29 of 30	17.0419149	0.0307	29 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9094823	0.0086	0.9094823	0.0086	30 of 30	0.9094823	0.0086	30 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0530614	0.0345	17.0552968	0.0331	29 of 30	17.0552968	0.0331	29 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0471940	0.0338	17.0471940	0.0338	30 of 30	17.0471940	0.0338	30 of 30
(Mean)F24 Tl/Pb	0.1627348	0.0745	0.1626379	0.0666	28 of 30	0.1625490	0.0589	26 of 30
(Mean)F25 206V	0.9779440	0.3254	0.9779440	0.3254	30 of 30	0.9779440	0.3254	30 of 30
(Mean)F31 206/205	2.0695048	0.0737	2.0700855	0.0705	29 of 30	2.0718458	0.0581	26 of 30
(Mean)F33 206/205 Tl corr	-1905.3208931	-1575.4551	5330.9260341	120.2725	28 of 30	3197.7392142	83.3883	26 of 30
(Mean)F34 206/205 Tl corr mfc	-1872.0093523	-1573.7458	5230.0093972	120.3192	28 of 30	3136.3923881	83.4423	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0000413	101.7345	0.0000231	169.7431	29 of 30	0.0000349	95.2560	26 of 30

glass standard.

Ed 410 n=26
 $\bar{x} = 17.639 \pm 12$
 $7/4 = 15.492 \pm 11$
 $8/4 = 36.919 \pm 31$
 $7/6 = 3.092 \pm 1$
 $T_1 = 2.38765$
 $9/6 = 2.1670 \pm 5$

Standard Ref. Material

610
 Trace elements in Glass
 ~ 500 mg/kg (ppm).

(3mm wafer thickness)

[U.S. Dept of Commerce,
 National Institute of
 Standards & Technology,
 Gaithersburg,
 MD 20899.]

ST-1

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Friday, October 29, 2004 06:28:38 PM Page 1
(counts per second) (First sample acquired : Fri Oct 29 18:28:26 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	FELDSPAR	1	Fri Oct 29 18:28:26 2004	205 Tl/203 Tl				
(Mean)F1 205Tl/203Tl m/r	1.0189500	0.0000	1.0189500	0.0000	30 of 30	1.0189500	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0582806	1.2518	0.0580612	0.8798	28 of 30	0.0575122	0.6382	26 of 30
(Mean)F10 204Pb/206Pb 201	0.0581735	1.2770	0.0576588	0.9616	29 of 30	0.0574104	0.6881	26 of 30
(Mean)F11 204Pb/206Pb 202	0.0583474	1.3256	0.0577911	0.7772	27 of 30	0.0575366	0.6685	26 of 30
(Mean)F12 207Pb/206Pb	0.9119852	0.0590	0.9125592	0.0425	28 of 30	0.9126388	0.0313	26 of 30
(Mean)F13 208Pb/206Pb	2.1976703	0.0334	2.1985092	0.0207	28 of 30	2.1984769	0.0182	26 of 30
(Mean)F14 206Pb/204Pb Tl fc	16.9448486	1.1722	16.9806169	0.8454	28 of 30	16.9897897	0.6983	26 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.3123731	1.1986	15.3497731	0.8683	28 of 30	15.4807987	0.6777	26 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.5580569	1.1828	36.6385091	0.8611	28 of 30	36.9448224	0.6785	26 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9035647	0.0590	0.9041334	0.0425	28 of 30	0.9042122	0.0313	26 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1573842	0.0334	2.1582077	0.0207	28 of 30	2.1581761	0.0182	26 of 30
(Mean)F19 208Pb/206Pb m/r	1.0138258	0.0334	1.0142128	0.0207	28 of 30	1.0141979	0.0182	26 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0259788	1.1621	17.0603767	0.8304	28 of 30	17.0656975	0.6928	26 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9057276	0.0490	0.9062091	0.0343	28 of 30	0.9065064	0.0275	26 of 30
(Mean)F22 206Pb/204Pb 8/6 200	16.9924168	1.1480	17.0177187	0.8226	28 of 30	17.1568584	0.6370	26 of 30
(Mean)F23 206Pb/204Pb 8/6 202	16.9813223	1.2142	17.0043803	0.8725	28 of 30	17.0213783	0.6820	26 of 30
(Mean)F24 Tl/Pb	0.0271125	1.0583	0.0272296	0.9956	29 of 30	0.0275666	0.7887	26 of 30
(Mean)F25 206V	0.0429983	4.8661	0.0459305	3.1558	27 of 30	0.0468464	2.4921	26 of 30
(Mean)F31 206/205	12.5619255	1.2467	12.4014531	0.9492	28 of 30	12.2903176	0.7738	26 of 30
(Mean)F33 206/205 Tl corr	461.0219986	81.2035	-0.2202211	-92642.2021	28 of 30	-39.9910581	-400.5391	26 of 30
(Mean)F34 206/205 Tl corr mfc	452.4481134	81.2035	-0.2161256	-92642.2021	28 of 30	-39.2473220	-400.5391	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0006668	-100.2323	-0.0004466	-96.4128	28 of 30	-0.0002493	-159.3115	27 of 30

V Joel test

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Friday, October 29, 2004 06:25:47 PM Page 1

(counts per second) (First sample acquired : Fri Oct 29 18:25:07 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	FELDSPAR	1	Fri Oct 29 18:25:07 2004					
(Mean)F1 205Ti/203Ti m/r	1.0189500	0.0000	1.0189500	0.0000	30 of 30	1.0189500	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0573855	0.6976	0.0569919	0.5490	28 of 30	0.0567213	0.4709	26 of 30
(Mean)F10 204Pb/206Pb 201	0.0571886	0.7651	0.0567642	0.6099	28 of 30	0.0566059	0.5645	27 of 30
(Mean)F11 204Pb/206Pb 202	0.0573228	0.7389	0.0569148	0.5916	28 of 30	0.0566078	0.4950	26 of 30
(Mean)F12 207Pb/206Pb	0.9082174	0.0325	0.9082437	0.0273	28 of 30	0.9082376	0.0227	26 of 30
(Mean)F13 208Pb/206Pb	2.1914372	0.0192	2.1914372	0.0192	30 of 30	2.1914372	0.0192	30 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.1907360	0.7416	17.3080835	0.6068	28 of 30	17.3535474	0.5661	27 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.4690550	0.7505	15.5763252	0.6125	28 of 30	15.6173307	0.5724	27 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9820382	0.7440	37.2364263	0.6069	28 of 30	37.3354688	0.5646	27 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.8998316	0.0325	0.8998578	0.0273	28 of 30	0.8998516	0.0227	26 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1512654	0.0192	2.1512654	0.0192	30 of 30	2.1512654	0.0192	30 of 30
(Mean)F19 208Pb/206Pb m/r	1.0109504	0.0192	1.0109504	0.0192	30 of 30	1.0109504	0.0192	30 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.3232260	0.7397	17.4405602	0.6073	28 of 30	17.4857897	0.5684	27 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9032716	0.0283	0.9031918	0.0216	27 of 30	0.9030870	0.0190	26 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.2589370	0.6724	17.3674915	0.5438	28 of 30	17.4111297	0.4992	27 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.2806278	0.7106	17.3931989	0.5826	28 of 30	17.4801009	0.5014	26 of 30
(Mean)F24 Tl/Pb	0.0336402	1.6426	0.0331029	1.3069	28 of 30	0.0331029	1.3069	28 of 30
(Mean)F25 206V	0.0452156	3.3009	0.0452156	3.3009	30 of 30	0.0452156	3.3009	30 of 30
(Mean)F31 206/205	10.1782641	1.5381	10.2541644	1.3821	29 of 30	10.2087544	1.1532	26 of 30
(Mean)F33 206/205 Tl corr	-612.4483421	-73.3172	-256.2318180	-75.2951	27 of 30	-351.4420269	-49.6194	26 of 30
(Mean)F34 206/205 Tl corr mfc	-601.0582961	-73.3172	-251.4665309	-75.2951	27 of 30	-344.9060620	-49.6194	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0006596	-58.4451	-0.0006496	-50.2202	28 of 30	-0.0006442	-42.1356	26 of 30

X Joel Test

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Saturday, October 30, 2004 09:42:03 AM Page 1

(counts per second) (First sample acquired : Sat Oct 30 09:41:52 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	Nist glass - 610	1	Sat Oct 30 09:41:52 2004					
(Mean)F1 205Tl/203Tl m/r	1.0189500	0.0000	1.0189500	0.0000	30 of 30	1.0189500	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0575336	0.0109	0.0575362	0.0103	29 of 30	0.0575362	0.0103	29 of 30
(Mean)F10 204Pb/206Pb 201	0.0576068	0.0108	0.0576073	0.0092	28 of 30	0.0576122	0.0075	26 of 30
(Mean)F11 204Pb/206Pb 202	0.0575617	0.0115	0.0575645	0.0108	29 of 30	0.0575645	0.0108	29 of 30
(Mean)F12 207Pb/206Pb	0.9178187	0.0060	0.9177740	0.0053	28 of 30	0.9177938	0.0050	27 of 30
(Mean)F13 208Pb/206Pb	2.2073129	0.0020	2.2073501	0.0018	28 of 30	2.2073501	0.0018	28 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0378963	0.0108	17.0377526	0.0092	28 of 30	17.0362836	0.0075	26 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.4933130	0.0106	15.4917498	0.0086	28 of 30	15.4917498	0.0086	28 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9185666	0.0106	36.9169838	0.0084	27 of 30	36.9184530	0.0077	26 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9093443	0.0060	0.9093000	0.0053	28 of 30	0.9093196	0.0050	27 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1668501	0.0020	2.1668866	0.0018	28 of 30	2.1668866	0.0018	28 of 30
(Mean)F19 208Pb/206Pb m/r	1.0182741	0.0020	1.0182913	0.0018	28 of 30	1.0182913	0.0018	28 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0446427	0.0114	17.0436194	0.0101	29 of 30	17.0427557	0.0076	26 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9095231	0.0063	0.9095001	0.0059	29 of 30	0.9094773	0.0056	28 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0663234	0.0115	17.0654129	0.0105	29 of 30	17.0654129	0.0105	29 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0579877	0.0121	17.0570309	0.0110	29 of 30	17.0555373	0.0099	27 of 30
(Mean)F24 Tl/Pb	0.1242768	0.6801	0.1242768	0.6801	30 of 30	0.1242768	0.6801	30 of 30
(Mean)F25 206V	2.3938746	0.5660	2.3822478	0.4895	28 of 30	2.3770414	0.4556	27 of 30
(Mean)F31 206/205	2.7169613	0.6831	2.7169613	0.6831	30 of 30	2.7169613	0.6831	30 of 30
(Mean)F33 206/205 Tl corr	-4825.1400766	-28.4890	-5337.5021142	-10.9724	28 of 30	-4649.4145506	-7.5000	26 of 30
(Mean)F34 206/205 Tl corr mfc	-4735.4042350	-28.4890	-5238.2375878	-10.9724	28 of 30	-4562.9467754	-7.5000	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0002234	-9.5256	-0.0002324	-8.5944	29 of 30	-0.0002324	-8.5944	29 of 30

STD.

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Saturday, October 30, 2004 09:46:24 AM Page 1

(counts per second) (First sample acquired : Sat Oct 30 09:46:10 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	Nist glass - 610	1	Sat Oct 30 09:46:10 2004					
(Mean)F1 205Tl/203Tl m/r	1.0189500	0.0000	1.0189500	0.0000	30 of 30	1.0189500	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0575278	0.0094	0.0575278	0.0094	30 of 30	0.0575278	0.0094	30 of 30
(Mean)F10 204Pb/206Pb 201	0.0575982	0.0079	0.0575999	0.0076	29 of 30	0.0575999	0.0076	29 of 30
(Mean)F11 204Pb/206Pb 202	0.0575558	0.0082	0.0575558	0.0082	30 of 30	0.0575558	0.0082	30 of 30
(Mean)F12 207Pb/206Pb	0.9178949	0.0055	0.9179179	0.0051	29 of 30	0.9179378	0.0048	28 of 30
(Mean)F13 208Pb/206Pb	2.2075443	0.0024	2.2075193	0.0022	29 of 30	2.2074568	0.0017	26 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0404397	0.0079	17.0399302	0.0076	29 of 30	17.0399302	0.0076	29 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.4969139	0.0107	15.4975789	0.0101	29 of 30	15.4969686	0.0097	28 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9279493	0.0081	36.9265629	0.0074	29 of 30	36.9265629	0.0074	29 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9094198	0.0055	0.9094426	0.0051	29 of 30	0.9094623	0.0048	28 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1670773	0.0024	2.1670527	0.0022	29 of 30	2.1669914	0.0017	26 of 30
(Mean)F19 208Pb/206Pb m/r	1.0183809	0.0024	1.0183693	0.0022	29 of 30	1.0183405	0.0017	26 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0453832	0.0084	17.0453832	0.0084	30 of 30	17.0453832	0.0084	30 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9095509	0.0062	0.9095774	0.0057	29 of 30	0.9095978	0.0054	28 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0662251	0.0096	17.0662251	0.0096	30 of 30	17.0662251	0.0096	30 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0579390	0.0086	17.0579390	0.0086	30 of 30	17.0579390	0.0086	30 of 30
(Mean)F24 Tl/Pb	0.1213880	0.3150	0.1213880	0.3150	30 of 30	0.1213880	0.3150	30 of 30
(Mean)F25 206V	2.5682810	1.4058	2.5515144	1.2972	29 of 30	2.5094650	1.0427	26 of 30
(Mean)F31 206/205	2.7784947	0.3196	2.7784947	0.3196	30 of 30	2.7784947	0.3196	30 of 30
(Mean)F33 206/205 Tl corr	-4571.1081560	-31.7528	-5896.1492665	-10.4006	29 of 30	-5081.0593666	-8.2443	26 of 30
(Mean)F34 206/205 Tl corr mfc	-4486.0966888	-31.7528	-5786.4952651	-10.4006	29 of 30	-4986.5640502	-8.2443	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0002139	-9.8811	-0.0002132	-8.6988	28 of 30	-0.0002058	-8.5798	27 of 30

STD.

⑥ standard run

NIST 4

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Saturday, October 30, 2004 10:45:55 AM Page 1

(counts per second) (First sample acquired : Sat Oct 30 10:45:40 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	Nist glass - 610 - 3	1	Sat Oct 30 10:45:40 2004					
(Mean)F1 205Tl/203Tl m/r	1.0189500	0.0000	1.0189500	0.0000	30 of 30	1.0189500	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0575946	0.0124	0.0575946	0.0124	30 of 30	0.0575946	0.0124	30 of 30
(Mean)F10 204Pb/206Pb 201	0.0576862	0.0131	0.0576834	0.0125	29 of 30	0.0576834	0.0125	29 of 30
(Mean)F11 204Pb/206Pb 202	0.0576206	0.0120	0.0576206	0.0120	30 of 30	0.0576206	0.0120	30 of 30
(Mean)F12 207Pb/206Pb	0.9145654	0.0115	0.9145232	0.0109	29 of 30	0.9145232	0.0109	29 of 30
(Mean)F13 208Pb/206Pb	2.1973200	0.0032	2.1972913	0.0030	29 of 30	2.1972913	0.0030	29 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0144361	0.0131	17.0152810	0.0125	29 of 30	17.0152810	0.0125	29 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.4171400	0.0197	15.4157280	0.0181	29 of 30	15.4191366	0.0148	26 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.7008245	0.0129	36.6989505	0.0123	29 of 30	36.6989505	0.0123	29 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9061210	0.0115	0.9060793	0.0109	29 of 30	0.9060793	0.0109	29 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1570404	0.0032	2.1570122	0.0030	29 of 30	2.1570122	0.0030	29 of 30
(Mean)F19 208Pb/206Pb m/r	1.0136642	0.0032	1.0136510	0.0030	29 of 30	1.0136510	0.0030	29 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0993106	0.0140	17.0993380	0.0124	28 of 30	17.1002301	0.0116	27 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9083634	0.0125	0.9083167	0.0118	29 of 30	0.9083167	0.0118	29 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.1265281	0.0130	17.1264909	0.0116	28 of 30	17.1264909	0.0116	28 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.1187949	0.0126	17.1196156	0.0121	29 of 30	17.1196156	0.0121	29 of 30
(Mean)F24 Tl/Pb	0.1687962	0.1813	0.1690540	0.1574	28 of 30	0.1692656	0.1414	26 of 30
(Mean)F25 206V	1.3342516	1.2643	1.3269861	1.1875	29 of 30	1.3269861	1.1875	29 of 30
(Mean)F31 206/205	2.0062968	0.1835	2.0031459	0.1585	28 of 30	2.0031459	0.1585	28 of 30
(Mean)F33 206/205 Tl corr	-271.4524281	-1.2236	-272.7097691	-0.9619	27 of 30	-272.7097691	-0.9619	27 of 30
(Mean)F34 206/205 Tl corr mfc	-266.4040747	-1.2236	-267.6380323	-0.9619	27 of 30	-267.6380323	-0.9619	27 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0037703	-1.2443	-0.0037454	-0.9589	27 of 30	-0.0037302	-0.9076	26 of 30

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STD.

NIST 5.

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Saturday, October 30, 2004 11:13:28 AM Page 1

(counts per second) (First sample acquired : Sat Oct 30 11:07:12 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	Nist glass - 610 - 4		Sat Oct 30 11:07:12 2004					
(Mean)F1 205Tl/203Tl m/r	1.0193514	0.0076	1.0193200	0.0072	29 of 30	1.0193200	0.0072	29 of 30
(Mean)F9 204Pb/206Pb 200	0.0575029	0.0113	0.0575040	0.0089	28 of 30	0.0575040	0.0089	28 of 30
(Mean)F10 204Pb/206Pb 201	0.0575492	0.0118	0.0575505	0.0092	28 of 30	0.0575549	0.0082	26 of 30
(Mean)F11 204Pb/206Pb 202	0.0575203	0.0110	0.0575210	0.0086	28 of 30	0.0575190	0.0082	27 of 30
(Mean)F12 207Pb/206Pb	0.9182815	0.0077	0.9183550	0.0057	28 of 30	0.9183302	0.0052	27 of 30
(Mean)F13 208Pb/206Pb	2.2098906	0.0023	2.2098938	0.0019	28 of 30	2.2098938	0.0019	28 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0482707	0.0131	17.0461934	0.0107	28 of 30	17.0459798	0.0093	26 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.5075481	0.0161	15.5053199	0.0135	28 of 30	15.5042407	0.0120	27 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9698441	0.0183	36.9696599	0.0161	28 of 30	36.9720334	0.0153	27 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9096258	0.0068	0.9096833	0.0055	28 of 30	0.9096833	0.0055	28 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1685390	0.0087	2.1686295	0.0078	29 of 30	2.1686295	0.0078	29 of 30
(Mean)F19 208Pb/206Pb m/r	1.0194633	0.0023	1.0194647	0.0019	28 of 30	1.0194647	0.0019	28 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0416150	0.0127	17.0403783	0.0108	29 of 30	17.0411336	0.0102	28 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9094495	0.0083	0.9095283	0.0061	28 of 30	0.9095227	0.0054	26 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0553373	0.0122	17.0541725	0.0105	29 of 30	17.0556248	0.0093	27 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0501723	0.0120	17.0498933	0.0097	28 of 30	17.0505707	0.0092	27 of 30
(Mean)F24 Tl/Pb	0.1502458	0.0844	0.1502458	0.0844	30 of 30	0.1502458	0.0844	30 of 30
(Mean)F25 206V	1.9626178	0.9787	1.9714876	0.8945	29 of 30	1.9714876	0.8945	29 of 30
(Mean)F31 206/205	2.2424191	0.0846	2.2424191	0.0846	30 of 30	2.2424191	0.0846	30 of 30
(Mean)F33 206/205 Tl corr	4418.8511765	99.7354	-566.7956765	-478.3519	28 of 30	2571.2993833	67.6905	26 of 30
(Mean)F34 206/205 Tl corr mfc	4334.4706023	99.7860	-558.4558015	-476.4665	28 of 30	2521.2789373	67.7495	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0001789	19.3883	0.0001649	19.9142	29 of 30	0.0001649	19.9142	29 of 30

STD.

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Saturday, October 30, 2004 11:16:49 AM Page 1

(counts per second) (First sample acquired : Sat Oct 30 11:16:37 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	Nist glass - 610 - 4		Sat Oct 30 11:16:37 2004					
(Mean)F1 205Tl/203Tl m/r	1.0191903	0.0081	1.0191821	0.0069	28 of 30	1.0191839	0.0062	26 of 30
(Mean)F9 204Pb/206Pb 200	0.0575110	0.0077	0.0575090	0.0072	29 of 30	0.0575039	0.0058	26 of 30
(Mean)F10 204Pb/206Pb 201	0.0575516	0.0081	0.0575498	0.0076	29 of 30	0.0575443	0.0062	26 of 30
(Mean)F11 204Pb/206Pb 202	0.0575283	0.0080	0.0575264	0.0076	29 of 30	0.0575264	0.0076	29 of 30
(Mean)F12 207Pb/206Pb	0.9183794	0.0118	0.9183229	0.0104	29 of 30	0.9183229	0.0104	29 of 30
(Mean)F13 208Pb/206Pb	2.2095271	0.0036	2.2095271	0.0036	30 of 30	2.2095271	0.0036	30 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0502236	0.0113	17.0502306	0.0092	28 of 30	17.0516485	0.0078	26 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.5121861	0.0122	15.5118033	0.0093	28 of 30	15.5124568	0.0086	27 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9737606	0.0191	36.9741886	0.0152	28 of 30	36.9741886	0.0152	28 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9097938	0.0092	0.9097552	0.0083	29 of 30	0.9097552	0.0083	29 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1685201	0.0098	2.1686186	0.0090	29 of 30	2.1687053	0.0075	26 of 30
(Mean)F19 208Pb/206Pb m/r	1.0192956	0.0036	1.0192956	0.0036	30 of 30	1.0192956	0.0036	30 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0437164	0.0089	17.0449636	0.0079	28 of 30	17.0450444	0.0069	26 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9096214	0.0128	0.9095621	0.0114	29 of 30	0.9095632	0.0103	27 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0557701	0.0088	17.0564136	0.0082	29 of 30	17.0581448	0.0066	26 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0506420	0.0088	17.0512505	0.0083	29 of 30	17.0529675	0.0068	26 of 30
(Mean)F24 Tl/Pb	0.1525701	0.1708	0.1525701	0.1708	30 of 30	0.1525701	0.1708	30 of 30
(Mean)F25 206V	1.9420422	1.4328	1.9155413	1.1681	28 of 30	1.9155413	1.1681	28 of 30
(Mean)F31 206/205	2.2085755	0.1732	2.2085755	0.1732	30 of 30	2.2085755	0.1732	30 of 30
(Mean)F33 206/205 Tl corr	-3682.8114437	-159.5047	1821.4729130	116.5970	29 of 30	2882.0547403	51.5910	26 of 30
(Mean)F34 206/205 Tl corr mfc	-3616.4876310	-159.4091	1785.4314202	116.7384	29 of 30	2826.2885260	51.6305	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0001090	34.1494	0.0001053	30.3129	28 of 30	0.0001069	26.5225	26 of 30

STD

DLC 7A

VG Elemental - Results [D:\VG\AXIOM\DATA\MB Pb1 29-10-04]

Saturday, October 30, 2004 11:24:35 AM Page 1

(counts per second) (First sample acquired : Sat Oct 30 11:23:36 2004)

1	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	Feldspar 1	1	Sat Oct 30 11:23:36 2004					
(Mean)F1 205Tl/203Tl m/r	1.0191820	0.0000	1.0191820	0.0000	30 of 30	1.0191820	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0578115	0.0242	0.0578115	0.0242	30 of 30	0.0578115	0.0242	30 of 30
(Mean)F10 204Pb/206Pb 201	0.0577981	0.0271	0.0577851	0.0238	28 of 30	0.0577738	0.0211	26 of 30
(Mean)F11 204Pb/206Pb 202	0.0578082	0.0241	0.0578082	0.0241	30 of 30	0.0578082	0.0241	30 of 30
(Mean)F12 207Pb/206Pb	0.9089260	0.0065	0.9089514	0.0051	27 of 30	0.9089710	0.0048	26 of 30
(Mean)F13 208Pb/206Pb	2.1894198	0.0038	2.1893825	0.0035	29 of 30	2.1893825	0.0035	29 of 30
(Mean)F14 206Pb/204Pb Tl fc	16.9776773	0.0271	16.9814893	0.0238	28 of 30	16.9848054	0.0211	26 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.2872483	0.0261	15.2890081	0.0243	29 of 30	15.2904609	0.0231	28 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.4816789	0.0265	36.4856384	0.0251	29 of 30	36.4964220	0.0210	26 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9004324	0.0065	0.9004576	0.0051	27 of 30	0.9004770	0.0048	26 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1488028	0.0038	2.1487663	0.0035	29 of 30	2.1487663	0.0035	29 of 30
(Mean)F19 208Pb/206Pb m/r	1.0100197	0.0038	1.0100025	0.0035	29 of 30	1.0100025	0.0035	29 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.1283940	0.0282	17.1304318	0.0265	29 of 30	17.1358574	0.0220	26 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9043939	0.0068	0.9044010	0.0058	28 of 30	0.9044505	0.0047	26 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.1244379	0.0254	17.1244379	0.0254	30 of 30	17.1244379	0.0254	30 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.1253940	0.0253	17.1253940	0.0253	30 of 30	17.1253940	0.0253	30 of 30
(Mean)F24 Tl/Pb	0.0214411	2.5527	0.0209694	2.2390	28 of 30	0.0205757	1.9990	26 of 30
(Mean)F25 206V	0.6366052	2.5771	0.6302618	2.4849	29 of 30	0.6302618	2.4849	29 of 30
(Mean)F31 206/205	16.0928660	2.3225	16.2381725	2.1951	29 of 30	16.3781691	2.0742	28 of 30
(Mean)F33 206/205 Tl corr	-1643.6046239	-305.8166	2878.7652956	78.8832	29 of 30	4772.7656190	22.9054	26 of 30
(Mean)F34 206/205 Tl corr mfc	-1612.6704332	-305.8166	2824.5842150	78.8832	29 of 30	4682.9376643	22.9054	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0001410	19.6820	0.0001425	17.1422	28 of 30	0.0001635	12.8961	26 of 30

DLCTA

VG Elemental - Results [D:\VG\AXIOM\DATA\MB Pb1 29-10-04]

Saturday, October 30, 2004 11:28:18 AM Page 1

(counts per second) (First sample acquired : Sat Oct 30 11:28:07 2004)

2	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	Feldspar 2	1	Sat Oct 30 11:28:07 2004					
(Mean)F1 205Tl/203Tl m/r	1.0191820	0.0000	1.0191820	0.0000	30 of 30	1.0191820	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0577278	0.0303	0.0577205	0.0285	29 of 30	0.0577141	0.0272	28 of 30
(Mean)F10 204Pb/206Pb 201	0.0577034	0.0319	0.0577034	0.0319	30 of 30	0.0577034	0.0319	30 of 30
(Mean)F11 204Pb/206Pb 202	0.0577334	0.0302	0.0577250	0.0274	29 of 30	0.0577250	0.0274	29 of 30
(Mean)F12 207Pb/206Pb	0.9079167	0.0132	0.9079213	0.0110	28 of 30	0.9079202	0.0100	26 of 30
(Mean)F13 208Pb/206Pb	2.1878008	0.0059	2.1878576	0.0055	29 of 30	2.1879056	0.0052	28 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0055606	0.0319	17.0055606	0.0319	30 of 30	17.0055606	0.0319	30 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.2953442	0.0273	15.2971314	0.0255	29 of 30	15.2971314	0.0255	29 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.5145678	0.0303	36.5145678	0.0303	30 of 30	36.5145678	0.0303	30 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.8994325	0.0132	0.8994371	0.0110	28 of 30	0.8994360	0.0100	26 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1472138	0.0059	2.1472696	0.0055	29 of 30	2.1473167	0.0052	28 of 30
(Mean)F19 208Pb/206Pb m/r	1.0092728	0.0059	1.0092990	0.0055	29 of 30	1.0093212	0.0052	28 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.1693438	0.0346	17.1693438	0.0346	30 of 30	17.1693438	0.0346	30 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9037248	0.0117	0.9037284	0.0095	28 of 30	0.9036906	0.0089	27 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.1620737	0.0323	17.1643202	0.0305	29 of 30	17.1643202	0.0305	29 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.1604062	0.0322	17.1629633	0.0296	29 of 30	17.1629633	0.0296	29 of 30
(Mean)F24 Tl/Pb	0.0343963	0.3626	0.0343387	0.3335	29 of 30	0.0343387	0.3335	29 of 30
(Mean)F25 206V	0.4827513	0.5255	0.4827513	0.5255	30 of 30	0.4827513	0.5255	30 of 30
(Mean)F31 206/205	9.8711183	0.3593	9.8868863	0.3326	29 of 30	9.8737525	0.3165	28 of 30
(Mean)F33 206/205 Tl corr	-734.4921001	-274.1907	577.9441189	273.5803	29 of 30	2744.0817168	40.6255	26 of 30
(Mean)F34 206/205 Tl corr mfc	-720.6682654	-274.1907	567.0666649	273.5803	29 of 30	2692.4355083	40.6255	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0002005	21.8805	0.0001817	22.5813	29 of 30	0.0001651	23.5509	28 of 30

DLC1A

VG Elemental - Results [D:\VG\AXIOM\DATA\MB Pb1 29-10-04]

Saturday, October 30, 2004 11:41:22 AM Page 1

(counts per second) (First sample acquired : Sat Oct 30 11:41:10 2004)

3	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC 1A-3	1	Sat Oct 30 11:41:10 2004					
(Mean)F1 205Tl/203Tl m/r	1.0191820	0.0000	1.0191820	0.0000	30 of 30	1.0191820	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0578228	0.0262	0.0578091	0.0217	28 of 30	0.0578201	0.0186	26 of 30
(Mean)F10 204Pb/206Pb 201	0.0578050	0.0251	0.0577974	0.0223	29 of 30	0.0577865	0.0193	27 of 30
(Mean)F11 204Pb/206Pb 202	0.0578294	0.0270	0.0578149	0.0220	28 of 30	0.0578201	0.0209	27 of 30
(Mean)F12 207Pb/206Pb	0.9093113	0.0177	0.9094148	0.0141	29 of 30	0.9094077	0.0125	27 of 30
(Mean)F13 208Pb/206Pb	2.1895532	0.0060	2.1894365	0.0050	28 of 30	2.1894824	0.0047	27 of 30
(Mean)F14 206Pb/204Pb Tl fc	16.9756689	0.0251	16.9778666	0.0222	29 of 30	16.9810634	0.0193	27 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.2919209	0.0293	15.2939181	0.0272	29 of 30	15.2992517	0.0212	26 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.4795878	0.0254	36.4845809	0.0222	29 of 30	36.4881325	0.0206	28 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9008141	0.0177	0.9009166	0.0141	29 of 30	0.9009096	0.0125	27 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1489338	0.0060	2.1488193	0.0050	28 of 30	2.1488642	0.0047	27 of 30
(Mean)F19 208Pb/206Pb m/r	1.0100813	0.0060	1.0100274	0.0050	28 of 30	1.0100486	0.0047	27 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.1253146	0.0262	17.1274036	0.0240	29 of 30	17.1308582	0.0209	27 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9047498	0.0184	0.9048647	0.0138	29 of 30	0.9048673	0.0123	27 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.1200199	0.0277	17.1205128	0.0237	28 of 30	17.1206833	0.0204	26 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.1180747	0.0278	17.1204777	0.0249	29 of 30	17.1224070	0.0230	28 of 30
(Mean)F24 Tl/Pb	0.0270868	2.6197	0.0273649	2.4694	29 of 30	0.0281656	2.0065	26 of 30
(Mean)F25 206V	0.5768296	2.9883	0.5599263	2.4097	28 of 30	0.5483707	2.1225	26 of 30
(Mean)F31 206/205	12.8116726	3.0005	12.4668124	2.5854	28 of 30	12.1785250	2.2303	26 of 30
(Mean)F33 206/205 Tl corr	-10663.3588005	-87.1766	1721.1867439	217.6229	28 of 30	6444.6611885	27.3691	26 of 30
(Mean)F34 206/205 Tl corr mfc	-10462.6643211	-87.1766	1688.7923845	217.6229	28 of 30	6323.3665808	27.3691	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0001137	32.3260	0.0001205	24.2953	28 of 30	0.0001333	20.5004	27 of 30

NIST 7

VG Elemental - Results [D:\VG\AXIOM\DATA\MB Pb1 29-10-04]

Saturday, October 30, 2004 11:50:36 AM Page 1

(counts per second) (First sample acquired : Sat Oct 30 11:49:30 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	nist glass 610 5	1	Sat Oct 30 11:49:30 2004					
(Mean)F1 205Tl/203Tl m/r	1.0186125	0.0089	1.0186559	0.0080	29 of 30	1.0187525	0.0067	26 of 30
(Mean)F9 204Pb/206Pb 200	0.0575642	0.0094	0.0575669	0.0085	29 of 30	0.0575711	0.0073	27 of 30
(Mean)F10 204Pb/206Pb 201	0.0576025	0.0086	0.0576048	0.0079	29 of 30	0.0576071	0.0065	26 of 30
(Mean)F11 204Pb/206Pb 202	0.0575798	0.0090	0.0575821	0.0084	29 of 30	0.0575861	0.0074	27 of 30
(Mean)F12 207Pb/206Pb	0.9178961	0.0101	0.9179446	0.0089	29 of 30	0.9179821	0.0082	28 of 30
(Mean)F13 208Pb/206Pb	2.2082940	0.0031	2.2082660	0.0029	29 of 30	2.2082660	0.0029	29 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0447906	0.0109	17.0456286	0.0100	29 of 30	17.0449363	0.0095	28 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.5034268	0.0106	15.5034268	0.0106	30 of 30	15.5034268	0.0106	30 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9620054	0.0199	36.9590024	0.0188	29 of 30	36.9617686	0.0179	28 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9095699	0.0071	0.9095713	0.0061	28 of 30	0.9095692	0.0054	26 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1685216	0.0109	2.1684189	0.0102	29 of 30	2.1683256	0.0096	28 of 30
(Mean)F19 208Pb/206Pb m/r	1.0187267	0.0031	1.0187138	0.0029	29 of 30	1.0187138	0.0029	29 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0382743	0.0089	17.0382559	0.0079	28 of 30	17.0394168	0.0069	26 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9093973	0.0111	0.9094478	0.0099	29 of 30	0.9094887	0.0092	28 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0495958	0.0098	17.0495262	0.0087	28 of 30	17.0507568	0.0076	26 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0449716	0.0093	17.0455826	0.0088	29 of 30	17.0455826	0.0088	29 of 30
(Mean)F24 Tl/Pb	0.1485107	0.1279	0.1485959	0.1183	29 of 30	0.1485959	0.1183	29 of 30
(Mean)F25 206V	2.1516018	1.6706	2.1984271	1.2496	27 of 30	2.2124682	1.1091	26 of 30
(Mean)F31 206/205	2.2701405	0.1281	2.2688193	0.1182	29 of 30	2.2655591	0.0975	26 of 30
(Mean)F33 206/205 Tl corr	-4241.7275744	-78.7429	-3837.3686411	-36.2465	28 of 30	-5516.1114236	-13.9673	26 of 30
(Mean)F34 206/205 Tl corr mfc	-4164.1216714	-78.7008	-3767.3719305	-36.2251	28 of 30	-5414.5181846	-13.9616	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0002512	-15.8678	-0.0002320	-15.5934	29 of 30	-0.0001891	-15.9521	26 of 30

DLC 1A

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Saturday, October 30, 2004 11:57:43 AM Page 1

(counts per second) (First sample acquired : Sat Oct 30 11:57:01 2004)

4	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC-1A-4	1	Sat Oct 30 11:57:01 2004					
(Mean)F1 205Tl/203Tl m/r	1.0186559	0.0000	1.0186559	0.0000	30 of 30	1.0186559	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0581021	0.0336	0.0581021	0.0336	30 of 30	0.0581021	0.0336	30 of 30
(Mean)F10 204Pb/206Pb 201	0.0580456	0.0304	0.0580528	0.0287	29 of 30	0.0580528	0.0287	29 of 30
(Mean)F11 204Pb/206Pb 202	0.0580932	0.0343	0.0580932	0.0343	30 of 30	0.0580932	0.0343	30 of 30
(Mean)F12 207Pb/206Pb	0.9118633	0.0102	0.9119012	0.0097	29 of 30	0.9119012	0.0097	29 of 30
(Mean)F13 208Pb/206Pb	2.1936324	0.0058	2.1936937	0.0052	29 of 30	2.1936937	0.0052	29 of 30
(Mean)F14 206Pb/204Pb Tl fc	16.9139800	0.0304	16.9118816	0.0287	29 of 30	16.9118816	0.0287	29 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.2830149	0.0340	15.2850715	0.0323	29 of 30	15.2850715	0.0323	29 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.4332676	0.0297	36.4286983	0.0279	29 of 30	36.4286983	0.0279	29 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9035728	0.0102	0.9036103	0.0097	29 of 30	0.9036103	0.0097	29 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1540330	0.0058	2.1540933	0.0052	29 of 30	2.1540933	0.0052	29 of 30
(Mean)F19 208Pb/206Pb m/r	1.0119631	0.0058	1.0119914	0.0052	29 of 30	1.0119914	0.0052	29 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0223111	0.0321	17.0223830	0.0290	28 of 30	17.0223830	0.0290	28 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9064427	0.0110	0.9064857	0.0103	29 of 30	0.9065229	0.0098	28 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0057731	0.0340	17.0057731	0.0340	30 of 30	17.0057731	0.0340	30 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0083842	0.0351	17.0060408	0.0334	29 of 30	17.0060408	0.0334	29 of 30
(Mean)F24 Tl/Pb	0.0342112	1.6260	0.0342112	1.6260	30 of 30	0.0342112	1.6260	30 of 30
(Mean)F25 206V	0.4288880	2.3071	0.4288880	2.3071	30 of 30	0.4288880	2.3071	30 of 30
(Mean)F31 206/205	9.9734254	1.6582	9.8336317	1.4597	28 of 30	9.8336317	1.4597	28 of 30
(Mean)F33 206/205 Tl corr	18217.5463209	60.0254	9986.0992848	41.1716	27 of 30	6168.3751677	25.7110	26 of 30
(Mean)F34 206/205 Tl corr mfc	17883.9060267	60.0254	9803.2115871	41.1716	27 of 30	6055.4061394	25.7110	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0002725	17.7263	0.0002472	14.1549	27 of 30	0.0002305	13.8544	26 of 30

DLC 1A

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Saturday, October 30, 2004 12:05:39 PM Page 1

(counts per second) (First sample acquired : Sat Oct 30 12:05:23 2004)

S	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC-1A-5	1	Sat Oct 30 12:05:23 2004					
(Mean)F1 205Tl/203Tl m/r	1.0186559	0.0000	1.0186559	0.0000	30 of 30	1.0186559	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0578218	0.0278	0.0578221	0.0249	28 of 30	0.0578221	0.0249	28 of 30
(Mean)F10 204Pb/206Pb 201	0.0577556	0.0279	0.0577624	0.0261	29 of 30	0.0577624	0.0261	29 of 30
(Mean)F11 204Pb/206Pb 202	0.0578073	0.0259	0.0578074	0.0235	28 of 30	0.0578074	0.0235	28 of 30
(Mean)F12 207Pb/206Pb	0.9083364	0.0100	0.9083351	0.0091	28 of 30	0.9083351	0.0091	28 of 30
(Mean)F13 208Pb/206Pb	2.1885930	0.0042	2.1886651	0.0038	28 of 30	2.1886651	0.0038	28 of 30
(Mean)F14 206Pb/204Pb Tl fc	16.9989139	0.0279	16.9968912	0.0261	29 of 30	16.9968912	0.0261	29 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.3003434	0.0268	15.3003434	0.0268	30 of 30	15.3003434	0.0268	30 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.5321009	0.0266	36.5283344	0.0254	29 of 30	36.5283344	0.0254	29 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9000779	0.0100	0.9000766	0.0091	28 of 30	0.9000766	0.0091	28 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1490847	0.0042	2.1491554	0.0038	28 of 30	2.1491554	0.0038	28 of 30
(Mean)F19 208Pb/206Pb m/r	1.0096383	0.0042	1.0096716	0.0038	28 of 30	1.0096716	0.0038	28 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.1475502	0.0297	17.1452346	0.0274	29 of 30	17.1452346	0.0274	29 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9039785	0.0100	0.9039822	0.0087	28 of 30	0.9039822	0.0087	28 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.1279017	0.0298	17.1276595	0.0263	28 of 30	17.1276595	0.0263	28 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.1321942	0.0277	17.1320273	0.0245	28 of 30	17.1320273	0.0245	28 of 30
(Mean)F24 Tl/Pb	0.0245440	0.8671	0.0246332	0.8120	29 of 30	0.0247194	0.7565	28 of 30
(Mean)F25 206V	0.5040341	2.1417	0.5127084	1.8739	28 of 30	0.5204923	1.6439	26 of 30
(Mean)F31 206/205	13.8568116	0.9045	13.7496811	0.7858	28 of 30	13.6619042	0.7045	26 of 30
(Mean)F33 206/205 Tl corr	4022.2908123	68.2592	3842.0416505	56.8058	28 of 30	5928.2323097	29.6761	26 of 30
(Mean)F34 206/205 Tl corr mfc	3948.6256619	68.2592	3771.6776243	56.8058	28 of 30	5819.6613124	29.6761	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0001471	21.1698	0.0001340	21.8270	29 of 30	0.0001571	16.7418	27 of 30

DLC1A**VG Elemental - Results** [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Saturday, October 30, 2004 12:10:40 PM Page 1

(counts per second) (First sample acquired : Sat Oct 30 12:10:15 2004)

6	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC-1A-6	1	Sat Oct 30 12:10:15 2004					
(Mean)F1 205Tl/203Tl m/r	1.0186559	0.0000	1.0186559	0.0000	30 of 30	1.0186559	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0578744	0.0277	0.0578825	0.0248	29 of 30	0.0578987	0.0214	26 of 30
(Mean)F10 204Pb/206Pb 201	0.0578382	0.0322	0.0578392	0.0280	28 of 30	0.0578530	0.0244	26 of 30
(Mean)F11 204Pb/206Pb 202	0.0578740	0.0275	0.0578833	0.0231	29 of 30	0.0578943	0.0202	27 of 30
(Mean)F12 207Pb/206Pb	0.9095641	0.0080	0.9096366	0.0061	28 of 30	0.9096588	0.0058	27 of 30
(Mean)F13 208Pb/206Pb	2.1899719	0.0039	2.1899325	0.0030	27 of 30	2.1899325	0.0030	27 of 30
(Mean)F14 206Pb/204Pb Tl fc	16.9746525	0.0322	16.9743275	0.0280	28 of 30	16.9702868	0.0244	26 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.2991582	0.0313	15.2990005	0.0264	28 of 30	15.2990005	0.0264	28 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.5029445	0.0311	36.5027576	0.0268	28 of 30	36.4950138	0.0241	26 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9012945	0.0080	0.9013663	0.0061	28 of 30	0.9013883	0.0058	27 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1504387	0.0039	2.1504000	0.0030	27 of 30	2.1504000	0.0030	27 of 30
(Mean)F19 208Pb/206Pb m/r	1.0102744	0.0039	1.0102563	0.0030	27 of 30	1.0102563	0.0030	27 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.1121940	0.0338	17.1095552	0.0311	29 of 30	17.1071031	0.0252	26 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9049145	0.0071	0.9049749	0.0057	28 of 30	0.9049749	0.0057	28 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.1014597	0.0288	17.0989180	0.0255	29 of 30	17.0989180	0.0255	29 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.1015839	0.0289	17.0986733	0.0242	29 of 30	17.0937736	0.0203	26 of 30
(Mean)F24 Tl/Pb	0.0293292	1.6359	0.0293292	1.6359	30 of 30	0.0293292	1.6359	30 of 30
(Mean)F25 206V	0.5634416	1.2549	0.5634416	1.2549	30 of 30	0.5634416	1.2549	30 of 30
(Mean)F31 206/205	11.6520429	1.6083	11.6520429	1.6083	30 of 30	11.6520429	1.6083	30 of 30
(Mean)F33 206/205 Tl corr	1210.9933028	436.8465	6053.0589277	36.4381	29 of 30	4478.4267080	30.7258	26 of 30
(Mean)F34 206/205 Tl corr mfc	1188.8148955	436.8465	5942.2018273	36.4381	29 of 30	4396.4077808	30.7258	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0001519	25.1087	0.0001540	21.7961	28 of 30	0.0001814	16.4206	26 of 30

DLC 1A

VG Elemental - Results [D:\VG\AXIOM\DATA\NW Pb1 26-10-04]

Saturday, October 30, 2004 12:14:31 PM Page 1

(counts per second) (First sample acquired : Sat Oct 30 12:14:12 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	DLC-1A-7	1	Sat Oct 30 12:14:12 2004					
(Mean)F1 205Tl/203Tl m/r	1.0186559	0.0000	1.0186559	0.0000	30 of 30	1.0186559	0.0000	30 of 30
(Mean)F9 204Pb/206Pb 200	0.0581697	0.0316	0.0581697	0.0285	28 of 30	0.0581695	0.0256	26 of 30
(Mean)F10 204Pb/206Pb 201	0.0580569	0.0355	0.0580744	0.0308	28 of 30	0.0580669	0.0290	27 of 30
(Mean)F11 204Pb/206Pb 202	0.0581602	0.0325	0.0581602	0.0325	30 of 30	0.0581602	0.0325	30 of 30
(Mean)F12 207Pb/206Pb	0.9113912	0.0102	0.9114362	0.0079	27 of 30	0.9114726	0.0070	26 of 30
(Mean)F13 208Pb/206Pb	2.1933737	0.0071	2.1935172	0.0058	28 of 30	2.1936425	0.0046	26 of 30
(Mean)F14 206Pb/204Pb Tl fc	16.9107049	0.0356	16.9056047	0.0308	28 of 30	16.9077904	0.0290	27 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.2721416	0.0371	15.2670408	0.0311	28 of 30	15.2689971	0.0294	27 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.4219202	0.0357	36.4103378	0.0301	28 of 30	36.4147219	0.0286	27 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9031050	0.0102	0.9031496	0.0079	27 of 30	0.9031856	0.0070	26 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1537791	0.0071	2.1539199	0.0058	28 of 30	2.1540430	0.0046	26 of 30
(Mean)F19 208Pb/206Pb m/r	1.0118437	0.0071	1.0119099	0.0058	28 of 30	1.0119678	0.0046	26 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0210405	0.0368	17.0185248	0.0349	29 of 30	17.0163119	0.0297	26 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9060269	0.0084	0.9060291	0.0073	28 of 30	0.9060851	0.0064	26 of 30
(Mean)F22 206Pb/204Pb 8/6 200	16.9880329	0.0321	16.9880329	0.0321	30 of 30	16.9880329	0.0321	30 of 30
(Mean)F23 206Pb/204Pb 8/6 202	16.9908012	0.0337	16.9929773	0.0323	29 of 30	16.9929773	0.0323	29 of 30
(Mean)F24 Tl/Pb	0.0319804	0.5962	0.0319804	0.5962	30 of 30	0.0319804	0.5962	30 of 30
(Mean)F25 206V	0.3444536	1.5587	0.3400673	1.3942	28 of 30	0.3357202	1.1750	26 of 30
(Mean)F31 206/205	10.5960181	0.5918	10.5960181	0.5918	30 of 30	10.5960181	0.5918	30 of 30
(Mean)F33 206/205 Tl corr	-14352.9817722	-112.1040	1574.3126530	150.1933	29 of 30	3203.9917132	39.0733	26 of 30
(Mean)F34 206/205 Tl corr mfc	-14090.1179937	-112.1040	1545.4803324	150.1933	29 of 30	3145.3130789	39.0733	26 of 30
(Mean)F35 205/206 Tl corr mfc	0.0003260	17.2509	0.0002728	16.5262	28 of 30	0.0002728	16.5262	28 of 30

NIST 8

VG Elemental - Results [D:\VG\AXIOM\DATA\MB Pb1 29-10-04]

Saturday, October 30, 2004 12:26:38 PM Page 1

(counts per second) (First sample acquired : Sat Oct 30 12:26:16 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	nist glass 610 6	1	Sat Oct 30 12:26:16 2004					
(Mean)F1 205Tl/203Tl m/r	1.0182360	0.0059	1.0182902	0.0049	28 of 30	1.0183314	0.0044	26 of 30
(Mean)F9 204Pb/206Pb 200	0.0575918	0.0089	0.0575897	0.0084	29 of 30	0.0575897	0.0084	29 of 30
(Mean)F10 204Pb/206Pb 201	0.0576237	0.0091	0.0576236	0.0082	28 of 30	0.0576217	0.0078	27 of 30
(Mean)F11 204Pb/206Pb 202	0.0576060	0.0088	0.0576036	0.0081	29 of 30	0.0576055	0.0077	28 of 30
(Mean)F12 207Pb/206Pb	0.9178146	0.0094	0.9178080	0.0080	28 of 30	0.9178080	0.0080	28 of 30
(Mean)F13 208Pb/206Pb	2.2075240	0.0030	2.2074989	0.0029	29 of 30	2.2074989	0.0029	29 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0447923	0.0118	17.0457354	0.0108	29 of 30	17.0464764	0.0103	28 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.5048834	0.0112	15.5041200	0.0104	29 of 30	15.5041200	0.0104	29 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9625783	0.0173	36.9653842	0.0161	29 of 30	36.9676407	0.0138	26 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9096553	0.0071	0.9096227	0.0064	29 of 30	0.9096227	0.0064	29 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1685552	0.0079	2.1684807	0.0074	29 of 30	2.1684807	0.0074	29 of 30
(Mean)F19 208Pb/206Pb m/r	1.0183715	0.0030	1.0183599	0.0029	29 of 30	1.0183599	0.0029	29 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0380084	0.0102	17.0372723	0.0096	29 of 30	17.0372723	0.0096	29 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9094755	0.0105	0.9094709	0.0092	28 of 30	0.9094709	0.0092	28 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0474452	0.0102	17.0474452	0.0102	30 of 30	17.0474452	0.0102	30 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0432338	0.0100	17.0432119	0.0090	28 of 30	17.0432119	0.0090	28 of 30
(Mean)F24 Tl/Pb	0.1578650	0.1134	0.1580212	0.0965	28 of 30	0.1581670	0.0775	26 of 30
(Mean)F25 206V	2.2878061	0.8225	2.2878061	0.8225	30 of 30	2.2878061	0.8225	30 of 30
(Mean)F31 206/205	2.1362896	0.1135	2.1341542	0.0962	28 of 30	2.1321867	0.0774	26 of 30
(Mean)F33 206/205 Tl corr	-2630.2096016	-7.6643	-2422.0812145	-6.2014	28 of 30	-2267.0491437	-4.9476	26 of 30
(Mean)F34 206/205 Tl corr mfc	-2582.8026564	-7.6581	-2378.5906500	-6.1959	28 of 30	-2226.4763887	-4.9430	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0004431	-6.3898	-0.0004176	-5.6572	28 of 30	-0.0003981	-5.2413	26 of 30

SCAN speed = $5 \mu\text{m/s}$

(10)

every block is $\sim 150 \mu\text{m}$

total distance $\sim 1500 \mu\text{m}$

NIST 91

VG Elemental - Results [D:\VG\AXIOM\DATA\MB Pb1 29-10-04]

Saturday, October 30, 2004 12:50:47 PM Page 1

(counts per second) (First sample acquired : Sat Oct 30 12:50:36 2004)

	Mean (before rej)	%Std Error (before rej)	Mean (after rej 2SD)	%Std Error (after rej 2SD)	Accepted results	Mean (after cyclic rej 2SD)	%Std Error (after cyclic rej 2SD)	Accepted cyclic results
SAMPLE, RUN, DATE	nist glass 610 7	1	Sat Oct 30 12:50:36 2004					
(Mean)F1 205Tl/203Tl m/r	1.0182245	0.0064	1.0181962	0.0060	29 of 30	1.0181962	0.0060	29 of 30
(Mean)F9 204Pb/206Pb 200	0.0575891	0.0110	0.0575918	0.0103	29 of 30	0.0575918	0.0103	29 of 30
(Mean)F10 204Pb/206Pb 201	0.0576147	0.0112	0.0576174	0.0105	29 of 30	0.0576174	0.0105	29 of 30
(Mean)F11 204Pb/206Pb 202	0.0575999	0.0110	0.0575999	0.0110	30 of 30	0.0575999	0.0110	30 of 30
(Mean)F12 207Pb/206Pb	0.9178234	0.0091	0.9177848	0.0084	29 of 30	0.9177546	0.0080	28 of 30
(Mean)F13 208Pb/206Pb	2.2074441	0.0026	2.2074688	0.0024	29 of 30	2.2074688	0.0024	29 of 30
(Mean)F14 206Pb/204Pb Tl fc	17.0476328	0.0127	17.0476328	0.0127	30 of 30	17.0476328	0.0127	30 of 30
(Mean)F15 207Pb/204Pb Tl fc	15.5077028	0.0143	15.5077933	0.0123	28 of 30	15.5077933	0.0123	28 of 30
(Mean)F16 208Pb/204Pb Tl fc	36.9678097	0.0175	36.9708871	0.0159	29 of 30	36.9708871	0.0159	29 of 30
(Mean)F17 207Pb/206Pb Tl fc	0.9096690	0.0072	0.9096126	0.0062	28 of 30	0.9096126	0.0062	28 of 30
(Mean)F18 208Pb/206Pb Tl fc	2.1685008	0.0079	2.1685886	0.0061	27 of 30	2.1686473	0.0057	26 of 30
(Mean)F19 208Pb/206Pb m/r	1.0183346	0.0026	1.0183460	0.0024	29 of 30	1.0183460	0.0024	29 of 30
(Mean)F20 206Pb/204Pb 8/6 201	17.0412798	0.0119	17.0402775	0.0107	29 of 30	17.0402775	0.0107	29 of 30
(Mean)F21 207Pb/206Pb 8/6 corr	0.9095007	0.0101	0.9094573	0.0092	29 of 30	0.9094255	0.0079	26 of 30
(Mean)F22 206Pb/204Pb 8/6 200	17.0488565	0.0118	17.0478563	0.0106	29 of 30	17.0478563	0.0106	29 of 30
(Mean)F23 206Pb/204Pb 8/6 202	17.0456543	0.0117	17.0447913	0.0109	29 of 30	17.0447913	0.0109	29 of 30
(Mean)F24 Tl/Pb	0.1469315	0.1396	0.1469315	0.1396	30 of 30	0.1469315	0.1396	30 of 30
(Mean)F25 206V	2.2795262	0.6562	2.2736207	0.6257	29 of 30	2.2736207	0.6257	29 of 30
(Mean)F31 206/205	2.2953760	0.1398	2.2953760	0.1398	30 of 30	2.2953760	0.1398	30 of 30
(Mean)F33 206/205 Tl corr	-3218.5602294	-16.4128	-2742.0577667	-8.6081	29 of 30	-2405.1368161	-5.9801	26 of 30
(Mean)F34 206/205 Tl corr mfc	-3160.2360622	-16.4011	-2692.7024364	-8.6009	29 of 30	-2362.1223523	-5.9744	26 of 30
(Mean)F35 205/206 Tl corr mfc	-0.0004170	-6.8379	-0.0004293	-6.2004	29 of 30	-0.0004293	-6.2004	29 of 30