

VG Elemental - Results [D:\VG\AXIOM\DATA\AZ Pb std]

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(counts per second) (First sample acquired : Tue Nov 23 11:32:26 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	Nist glass 610	1	Tue Nov 23 11:32:26 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0165936	0.0074	1.0165955	0.0063	28 of 30	1.0165661	0.0058	27 of 30
(Set 1)F9 204Pb/206Pb 200	0.0576792	0.0596	0.0576738	0.0281	26 of 30	0.0576738	0.0281	26 of 30
(Set 1)F10 204Pb/206Pb 201	0.0577150	0.0591	0.0577094	0.0282	26 of 30	0.0577094	0.0282	26 of 30
(Set 1)F11 204Pb/206Pb 202	0.0576932	0.0594	0.0576875	0.0278	26 of 30	0.0576875	0.0278	26 of 30
(Set 1)F12 207Pb/206Pb	0.9171932	0.0108	0.9172317	0.0103	29 of 30	0.9172317	0.0103	29 of 30
(Set 1)F13 208Pb/206Pb	2.2042466	0.0026	2.2042459	0.0022	28 of 30	2.2042462	0.0019	26 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.0453385	0.0561	17.0463621	0.0283	26 of 30	17.0463621	0.0283	26 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.5072522	0.0582	15.5081259	0.0290	26 of 30	15.5081259	0.0290	26 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.9676266	0.0535	36.9684646	0.0311	26 of 30	36.9684646	0.0311	26 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.9097648	0.0084	0.9097939	0.0080	29 of 30	0.9097939	0.0080	29 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1687833	0.0095	2.1687786	0.0078	28 of 30	2.1687880	0.0069	26 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0168596	0.0026	1.0168593	0.0022	28 of 30	1.0168594	0.0019	26 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.0367582	0.0600	17.0384233	0.0284	26 of 30	17.0384233	0.0284	26 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9095371	0.0118	0.9095379	0.0107	28 of 30	0.9094994	0.0102	27 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.0473128	0.0605	17.0489563	0.0282	26 of 30	17.0489563	0.0282	26 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.0431879	0.0603	17.0448822	0.0280	26 of 30	17.0448822	0.0280	26 of 30
(Set 1)F24 Tl/Pb	0.1538315	0.1340	0.1538315	0.1340	30 of 30	0.1538315	0.1340	30 of 30
(Set 1)F25 206V	2.6400526	0.5342	2.6268770	0.4371	28 of 30	2.6217761	0.4071	27 of 30
(Set 1)F31 206/205	2.1957856	0.1338	2.1957856	0.1338	30 of 30	2.1957856	0.1338	30 of 30
(Set 1)F33 206/205 Tl corr	-593.8956510	-2.0838	-581.7982255	-1.6700	28 of 30	-585.9183910	-1.5585	27 of 30
(Set 1)F34 206/205 Tl corr mfc	-584.1760286	-2.0762	-572.3197174	-1.6637	28 of 30	-576.3567814	-1.5527	27 of 30
(Set 1)F35 205/206 Tl corr mfc	-0.0017321	-1.9696	-0.0017320	-1.6948	28 of 30	-0.0017459	-1.5390	27 of 30

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(counts per second) (First sample acquired : Tue Nov 23 11:35:26 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	Nist glass 610	1	Tue Nov 23 11:35:26 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0167317	0.0055	1.0167297	0.0049	28 of 30	1.0167287	0.0044	26 of 30
(Set 1)F9 204Pb/206Pb 200	0.0576761	0.0338	0.0576852	0.0310	29 of 30	0.0576852	0.0310	29 of 30
(Set 1)F10 204Pb/206Pb 201	0.0577136	0.0341	0.0577226	0.0314	29 of 30	0.0577226	0.0314	29 of 30
(Set 1)F11 204Pb/206Pb 202	0.0576907	0.0340	0.0576997	0.0313	29 of 30	0.0576997	0.0313	29 of 30
(Set 1)F12 207Pb/206Pb	0.9172245	0.0090	0.9172585	0.0085	29 of 30	0.9172942	0.0070	26 of 30
(Set 1)F13 208Pb/206Pb	2.2044294	0.0021	2.2044294	0.0021	30 of 30	2.2044294	0.0021	30 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.0433411	0.0357	17.0406040	0.0330	29 of 30	17.0406040	0.0330	29 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.5049152	0.0342	15.5022490	0.0306	29 of 30	15.5022490	0.0306	29 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.9614366	0.0384	36.9553925	0.0360	29 of 30	36.9553925	0.0360	29 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.9097347	0.0073	0.9097887	0.0065	28 of 30	0.9097402	0.0058	26 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1686727	0.0062	2.1686217	0.0059	29 of 30	2.1686217	0.0059	29 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0169439	0.0021	1.0169439	0.0021	30 of 30	1.0169439	0.0021	30 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.0356236	0.0338	17.0329382	0.0310	29 of 30	17.0329382	0.0310	29 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9095302	0.0094	0.9095653	0.0089	29 of 30	0.9096014	0.0073	26 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.0466956	0.0335	17.0439981	0.0306	29 of 30	17.0439981	0.0306	29 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.0423613	0.0337	17.0397032	0.0309	29 of 30	17.0397032	0.0309	29 of 30
(Set 1)F24 Tl/Pb	0.1612512	0.2453	0.1612512	0.2453	30 of 30	0.1612512	0.2453	30 of 30
(Set 1)F25 206V	2.6460877	0.8838	2.6353567	0.8162	29 of 30	2.6262233	0.7685	28 of 30
(Set 1)F31 206/205	2.0948219	0.2452	2.0948219	0.2452	30 of 30	2.0948219	0.2452	30 of 30
(Set 1)F33 206/205 Tl corr	-585.2529816	-1.6347	-576.6249023	-1.3819	28 of 30	-576.7537982	-1.2380	26 of 30
(Set 1)F34 206/205 Tl corr mfc	-575.6071740	-1.6291	-567.1496932	-1.3771	28 of 30	-567.2778192	-1.2336	26 of 30
(Set 1)F35 205/206 Tl corr mfc	-0.0017502	-1.5754	-0.0017505	-1.3788	28 of 30	-0.0017513	-1.2114	26 of 30

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(counts per second) (First sample acquired : Tue Nov 23 11:47:58 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	DLC3a-1	1	Tue Nov 23 11:47:58 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0167000	0.0000	1.0167000 ✓	0.0000	30 of 30	1.0167000	0.0000	30 of 30
(Set 1)F9 204Pb/206Pb 200	0.0573654	0.1122	0.0573572	0.0654	28 of 30	0.0573223	0.0538	26 of 30
(Set 1)F10 204Pb/206Pb 201	0.0573674	0.1127	0.0573545	0.0638	28 of 30	0.0573190	0.0509	26 of 30
(Set 1)F11 204Pb/206Pb 202	0.0573669	0.1091	0.0573593	0.0630	28 of 30	0.0573262	0.0523	26 of 30
(Set 1)F12 207Pb/206Pb	0.9042390	0.0385	0.9045498	0.0324	28 of 30	0.9048007	0.0280	26 of 30
(Set 1)F13 208Pb/206Pb	2.1796850	0.0289	2.1802690	0.0235	28 of 30	2.1807188	0.0200	26 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.1472806	0.1120	17.1506854 ✓	0.0637 ✓	28 of 30	17.1612335	0.0509	26 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.3787922	0.1036	15.3801727 ✓	0.0535 ✓	28 of 30	15.3878624	0.0430	26 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.7704351	0.1061	36.7754686 ✓	0.0512 ✓	28 of 30	36.7936020	0.0411	26 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.8968691	0.0385	0.8971774 ✓	0.0324 ✓	28 of 30	0.8974262	0.0280	26 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1443953	0.0289	2.1449699 ✓	0.0235 ✓	28 of 30	2.1454124	0.0200	26 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0055289	0.0289	1.0057983	0.0235	28 of 30	1.0060058	0.0200	26 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.3354884	0.1246	17.3400120 ✓	0.0861	28 of 30	17.3400203	0.0736	26 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9017423	0.0257	0.9019313	0.0227	28 of 30	0.9020155	0.0215	27 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.3360912	0.1249	17.3392342 ✓	0.0884	28 of 30	17.3393907	0.0757	26 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.3356053	0.1215	17.3385740	0.0855	28 of 30	17.3390451	0.0745	26 of 30
(Set 1)F24 Tl/Pb	0.0382512	0.6833	0.0383535	0.6491	29 of 30	0.0383535	0.6491	29 of 30
(Set 1)F25 206V	0.5032103	1.3832	0.4965048 ✓	1.1171	28 of 30	0.4912152	0.9001	26 of 30
(Set 1)F31 206/205	8.9247650	0.6817	8.8997664	0.6452	29 of 30	8.8997664	0.6452	29 of 30
(Set 1)F33 206/205 Tl corr	1813.4001493	441.5744	-5536.2776006	-59.4261	29 of 30	-3167.6567352	-61.2278	26 of 30
(Set 1)F34 206/205 Tl corr mfc	1783.6137473	441.5744	-5445.3402583	-59.4261	29 of 30	-3115.6256946	-61.2278	26 of 30
(Set 1)F35 205/206 Tl corr mfc	-0.0001078	-29.0161	-0.0001208	-24.3410	29 of 30	-0.0001208	-24.3410	29 of 30
Source Tuning	Cool gas	14.00		Torch X	118			
Source Tuning	Aux gas	1.20		Torch Y	-44			
Source Tuning	Neb gas 1	1.20		Torch Z	190			

VG Elemental - Results [D:\VG\AXIOM\DATA\AZ Pb sample]

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(counts per second) (First sample acquired : Tue Nov 23 11:50:58 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	DLC3a-2	1	Tue Nov 23 11:50:58 2004					
(Set 1)F1 205Ti/203Ti m/r	1.0167000	0.0000	1.0167000	0.0000	30 of 30	1.0167000	0.0000	30 of 30
(Set 1)F9 204Pb/206Pb 200	0.0577850	0.1185	0.0577760	0.0680	28 of 30	0.0577760	0.0680	28 of 30
(Set 1)F10 204Pb/206Pb 201	0.0577783	0.1201	0.0577714	0.0653	28 of 30	0.0577563	0.0621	27 of 30
(Set 1)F11 204Pb/206Pb 202	0.0577902	0.1192	0.0577804	0.0672	28 of 30	0.0577651	0.0642	27 of 30
(Set 1)F12 207Pb/206Pb	0.9097311	0.0294	0.9098359	0.0280	29 of 30	0.9101282	0.0240	26 of 30
(Set 1)F13 208Pb/206Pb	2.1889959	0.0174	2.1891434	0.0166	29 of 30	2.1891434	0.0166	29 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.0254333	0.1197	17.0269432	0.0653	28 of 30	17.0313729	0.0621	27 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.3623044	0.1189	15.3614565	0.0602	28 of 30	15.3539157	0.0534	26 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.6651720	0.1176	36.6653021	0.0603	28 of 30	36.6653021	0.0603	28 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.9023165	0.0294	0.9024204	0.0280	29 of 30	0.9027103	0.0240	26 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1535555	0.0174	2.1537007	0.0166	29 of 30	2.1537007	0.0166	29 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0098242	0.0174	1.0098922	0.0166	29 of 30	1.0098922	0.0166	29 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.1383455	0.1243	17.1413376	0.0743	28 of 30	17.1464095	0.0707	27 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9052827	0.0226	0.9053769	0.0207	29 of 30	0.9054525	0.0196	28 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.1363280	0.1223	17.1399976	0.0758	28 of 30	17.1399976	0.0758	28 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.1347817	0.1235	17.1386806	0.0761	28 of 30	17.1438040	0.0726	27 of 30
(Set 1)F24 Tl/Pb	0.0311606	1.6599	0.0309483	1.5775	29 of 30	0.0303703	1.3497	26 of 30
(Set 1)F25 206V	0.3816017	1.5534	0.3816017	1.5534	30 of 30	0.3816017	1.5534	30 of 30
(Set 1)F31 206/205	10.9869709	1.5682	10.9869709	1.5682	30 of 30	10.9869709	1.5682	30 of 30
(Set 1)F33 206/205 Tl corr	-158.1800647	-6118.1552	-8944.1191000	-46.9599	29 of 30	-5926.1900124	-29.2544	26 of 30
(Set 1)F34 206/205 Tl corr mfc	-155.5818434	-6118.1552	-8797.2055096	-46.9599	29 of 30	-5828.8480783	-29.2544	26 of 30
(Set 1)F35 205/206 Tl corr mfc	-0.0001902	-23.0708	-0.0001840	-19.5224	28 of 30	-0.0002002	-16.6082	27 of 30
Source Tuning	Cool gas	14.00		Torch X	118			
Source Tuning	Aux gas	1.20		Torch Y	-44			
Source Tuning	Neb gas 1	1.20		Torch Z	190			

VG Elemental - Results [D:\VG\AXIOM\DATA\AZ Pb sample]

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(counts per second) (First sample acquired : Tue Nov 23 11:56:01 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	DLC3a-3	1	Tue Nov 23 11:56:01 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0167000	0.0000	1.0167000	0.0000	30 of 30	1.0167000	0.0000	30 of 30
(Set 1)F9 204Pb/206Pb 200	0.0573407	0.4418	0.0575776	0.1617	29 of 30	0.0576198	0.1196	26 of 30
(Set 1)F10 204Pb/206Pb 201	0.0573366	0.4411	0.0575729	0.1621	29 of 30	0.0576151	0.1192	26 of 30
(Set 1)F11 204Pb/206Pb 202	0.0573477	0.4415	0.0575844	0.1614	29 of 30	0.0576273	0.1179	26 of 30
(Set 1)F12 207Pb/206Pb	0.9076743	0.0193	0.9076743	0.0193	30 of 30	0.9076743	0.0193	30 of 30
(Set 1)F13 208Pb/206Pb	2.1861547	0.0134	2.1861547	0.0134	30 of 30	2.1861547	0.0134	30 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.1666401	0.4912	17.0867011	0.1626	29 of 30	17.0735312	0.1191	26 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.4547857	0.4948	15.3823900	0.1659	29 of 30	15.3680608	0.1196	26 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.9214569	0.4941	36.7488092	0.1659	29 of 30	36.7165379	0.1213	26 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.9002764	0.0193	0.9002764	0.0193	30 of 30	0.9002764	0.0193	30 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1507603	0.0134	2.1507603	0.0134	30 of 30	2.1507603	0.0134	30 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0085135	0.0134	1.0085135	0.0134	30 of 30	1.0085135	0.0134	30 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.3030701	0.4887	17.2228354	0.1603	29 of 30	17.2114269	0.1185	26 of 30
(Set 1)F21 206Pb/204Pb 8/6 corr	0.9038245	0.0142	0.9038245	0.0142	30 of 30	0.9038245	0.0142	30 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.3018770	0.4897	17.2214507	0.1602	29 of 30	17.2100344	0.1192	26 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.2997556	0.4893	17.2193951	0.1598	29 of 30	17.2077942	0.1173	26 of 30
(Set 1)F24 Tl/Pb	0.0319323	0.4418	0.0319323	0.4418	30 of 30	0.0319323	0.4418	30 of 30
(Set 1)F25 206V	0.4118381	0.7014	0.4131324	0.6470	29 of 30	0.4141991	0.6133	28 of 30
(Set 1)F31 206/205	10.6541478	0.4464	10.6541478	0.4464	30 of 30	10.6541478	0.4464	30 of 30
(Set 1)F33 206/205 Tl corr	68284.5500827	78.6649	17903.9000352	107.7266	29 of 30	2531.6991924	78.2218	26 of 30
(Set 1)F34 206/205 Tl corr mfc	67162.9272253	78.6649	17609.8155974	107.7266	29 of 30	2490.1142120	78.2218	26 of 30
(Set 1)F35 205/206 Tl corr mfc	-0.0000116	-350.8925	-0.0000281	-136.7000	29 of 30	-0.0000127	-255.3742	26 of 30

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(counts per second) (First sample acquired : Tue Nov 23 11:59:01 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	Tue Nov 23 11:59:01 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0178604	0.0055	1.0178869	0.0050	29 of 30	1.0179095	0.0042	26 of 30
(Set 1)F9 204Pb/206Pb 200	0.0575290	0.0502	0.0575528	0.0294	29 of 30	0.0575628	0.0246	28 of 30
(Set 1)F10 204Pb/206Pb 201	0.0575671	0.0503	0.0575911	0.0292	29 of 30	0.0575952	0.0232	27 of 30
(Set 1)F11 204Pb/206Pb 202	0.0575429	0.0499	0.0575665	0.0293	29 of 30	0.0575707	0.0234	27 of 30
(Set 1)F12 207Pb/206Pb	0.9177933	0.0082	0.9177557	0.0074	29 of 30	0.9177544	0.0067	27 of 30
(Set 1)F13 208Pb/206Pb	2.2070306	0.0027	2.2070190	0.0022	28 of 30	2.2070383	0.0020	27 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.0679329	0.0516	17.0605417	0.0291	29 of 30	17.0593626	0.0236	27 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.5284027	0.0512	15.5216145	0.0277	29 of 30	15.5209941	0.0233	27 of 30
(Set 1)F16 208Pb/204Pb Tl fc	37.0179480	0.0539	37.0013734	0.0310	29 of 30	36.9988408	0.0250	27 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.9098000	0.0067	0.9097710	0.0060	29 of 30	0.9097948	0.0050	26 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1688589	0.0066	2.1688654	0.0057	28 of 30	2.1688654	0.0057	28 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0181439	0.0027	1.0181386	0.0022	28 of 30	1.0181475	0.0020	27 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.0587252	0.0502	17.0515912	0.0287	29 of 30	17.0507200	0.0234	27 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9095563	0.0090	0.9095142	0.0080	29 of 30	0.9094840	0.0076	28 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.0700058	0.0500	17.0629204	0.0288	29 of 30	17.0619434	0.0238	27 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.0658829	0.0496	17.0588494	0.0287	29 of 30	17.0579645	0.0236	27 of 30
(Set 1)F24 Tl/Pb	0.1609395	0.3540	0.1609395	0.3540	30 of 30	0.1609395	0.3540	30 of 30
(Set 1)F25 206V	2.5012801	0.8267	2.4814955	0.6675	28 of 30	2.4659115	0.5487	26 of 30
(Set 1)F31 206/205	2.0970780	0.3540	2.0970780	0.3540	30 of 30	2.0970780	0.3540	30 of 30
(Set 1)F33 206/205 Tl corr	-853.3042560	-2.2267	-844.5128965	-2.0646	29 of 30	-844.5128965	-2.0646	29 of 30
(Set 1)F34 206/205 Tl corr mfc	-838.3025212	-2.2216	-829.6846725	-2.0597	29 of 30	-829.6846725	-2.0597	29 of 30
(Set 1)F35 205/206 Tl corr mfc	-0.0012106	-2.2975	-0.0011990	-2.1814	29 of 30	-0.0011867	-1.7910	26 of 30

VG Elemental - Results [D:\VG\AXIOM\DATA\AZ Pb std]

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(counts per second) (First sample acquired : Tue Nov 23 13:02:40 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	1	Tue Nov 23 13:02:40 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0209803	0.0110	1.0210296	0.0102	29 of 30	1.0209887	0.0098	28 of 30
(Set 1)F9 204Pb/206Pb 200	0.0573752	0.0181	0.0573803	0.0162	29 of 30	0.0573767	0.0155	28 of 30
(Set 1)F10 204Pb/206Pb 201	0.0574613	0.0191	0.0574617	0.0169	28 of 30	0.0574537	0.0149	26 of 30
(Set 1)F11 204Pb/206Pb 202	0.0573985	0.0182	0.0574031	0.0169	29 of 30	0.0574031	0.0169	29 of 30
(Set 1)F12 207Pb/206Pb	0.9192231	0.0116	0.9192418	0.0092	28 of 30	0.9191667	0.0078	26 of 30
(Set 1)F13 208Pb/206Pb	2.2137682	0.0044	2.2137682	0.0044	30 of 30	2.2137682	0.0044	30 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.0472570	0.0221	17.0469040	0.0189	28 of 30	17.0482978	0.0177	27 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.5102830	0.0234	15.5090062	0.0184	27 of 30	15.5102128	0.0174	26 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.9742971	0.0294	36.9693678	0.0271	29 of 30	36.9729360	0.0227	26 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.9098404	0.0097	0.9098455	0.0074	28 of 30	0.9097903	0.0066	26 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1689287	0.0121	2.1690308	0.0116	29 of 30	2.1692265	0.0104	27 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0212521	0.0044	1.0212521	0.0044	30 of 30	1.0212521	0.0044	30 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.0375112	0.0202	17.0361951	0.0194	29 of 30	17.0361951	0.0194	29 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9095822	0.0122	0.9095456	0.0087	27 of 30	0.9095065	0.0079	26 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.0630832	0.0193	17.0616209	0.0180	29 of 30	17.0616209	0.0180	29 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.0561679	0.0194	17.0548733	0.0185	29 of 30	17.0548733	0.0185	29 of 30
(Set 1)F24 Tl/Pb	0.1584346	0.0651	0.1585257	0.0550	28 of 30	0.1585284	0.0474	26 of 30
(Set 1)F25 206V	0.8534164	0.9602	0.8500971	0.9122	29 of 30	0.8470956	0.8748	28 of 30
(Set 1)F31 206/205	2.1234605	0.0643	2.1222735	0.0549	28 of 30	2.1212164	0.0460	26 of 30
(Set 1)F33 206/205 Tl corr	-5403.3083298	-116.0199	783.9950747	133.1161	29 of 30	2303.9935457	28.2383	26 of 30
(Set 1)F34 206/205 Tl corr mfc	-5297.3813785	-115.9743	766.2421318	133.4776	29 of 30	2255.8565961	28.2644	26 of 30
(Set 1)F35 205/206 Tl corr mfc	0.0002744	19.2839	0.0002976	16.5405	29 of 30	0.0002783	16.8623	28 of 30

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(counts per second) (First sample acquired : Tue Nov 23 13:05:42 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	Tue Nov 23 13:05:42 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0211362	0.0122	1.0211970	0.0110	29 of 30	1.0211971	0.0100	27 of 30
(Set 1)F9 204Pb/206Pb 200	0.0573835	0.0209	0.0573835	0.0209	30 of 30	0.0573835	0.0209	30 of 30
(Set 1)F10 204Pb/206Pb 201	0.0574520	0.0227	0.0574520	0.0227	30 of 30	0.0574520	0.0227	30 of 30
(Set 1)F11 204Pb/206Pb 202	0.0574032	0.0209	0.0574032	0.0209	30 of 30	0.0574032	0.0209	30 of 30
(Set 1)F12 207Pb/206Pb	0.9191688	0.0125	0.9192191	0.0117	29 of 30	0.9192191	0.0117	29 of 30
(Set 1)F13 208Pb/206Pb	2.2139712	0.0049	2.2139138	0.0043	29 of 30	2.2139138	0.0043	29 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.0474357	0.0249	17.0475784	0.0218	28 of 30	17.0475784	0.0218	28 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.5083579	0.0249	15.5102957	0.0223	29 of 30	15.5102957	0.0223	29 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.9725177	0.0333	36.9780344	0.0309	29 of 30	36.9780344	0.0309	29 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.9097181	0.0094	0.9097505	0.0090	29 of 30	0.9097505	0.0090	29 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1688015	0.0152	2.1686177	0.0131	29 of 30	2.1686177	0.0131	29 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0213457	0.0049	1.0213192	0.0043	29 of 30	1.0213192	0.0043	29 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.0387019	0.0245	17.0387019	0.0245	30 of 30	17.0387019	0.0245	30 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9094867	0.0139	0.9095482	0.0125	29 of 30	0.9094557	0.0111	27 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.0590420	0.0223	17.0590420	0.0223	30 of 30	17.0590420	0.0223	30 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.0531987	0.0222	17.0531987	0.0222	30 of 30	17.0531987	0.0222	30 of 30
(Set 1)F24 Tl/Pb	0.1605848	0.1811	0.1602939	0.1392	28 of 30	0.1600807	0.1112	26 of 30
(Set 1)F25 206V	0.8360281	0.7538	0.8360281	0.7538	30 of 30	0.8360281	0.7538	30 of 30
(Set 1)F31 206/205	2.0950513	0.1779	2.0987319	0.1378	28 of 30	2.1014411	0.1114	26 of 30
(Set 1)F33 206/205 Tl corr	-305.2196816	-1010.5697	2606.4169662	40.4269	29 of 30	2404.4601724	19.6966	26 of 30
(Set 1)F34 206/205 Tl corr mfc	-301.1717485	-1003.6803	2552.2638517	40.4593	29 of 30	2354.3426442	19.7138	26 of 30
(Set 1)F35 205/206 Tl corr mfc	0.0003525	16.9110	0.0003815	14.1210	29 of 30	0.0003815	12.8326	27 of 30

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(counts per second) (First sample acquired : Tue Nov 23 13:44:02 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	Tue Nov 23 13:44:02 2004					
(Set 1)F1 205Tl/203Tl m/r	1.0210154	0.0094	1.0211417	0.0071	27 of 30	1.0211762	0.0064	26 of 30
(Set 1)F9 204Pb/206Pb 200	0.0574203	0.0130	0.0574234	0.0123	29 of 30	0.0574261	0.0105	26 of 30
(Set 1)F10 204Pb/206Pb 201	0.0574678	0.0123	0.0574711	0.0113	29 of 30	0.0574686	0.0108	28 of 30
(Set 1)F11 204Pb/206Pb 202	0.0574337	0.0142	0.0574337	0.0142	30 of 30	0.0574337	0.0142	30 of 30
(Set 1)F12 207Pb/206Pb	0.9192099	0.0118	0.9192488	0.0084	27 of 30	0.9192873	0.0076	26 of 30
(Set 1)F13 208Pb/206Pb	2.2138640	0.0040	2.2138810	0.0031	28 of 30	2.2138793	0.0027	26 of 30
(Set 1)F14 206Pb/204Pb Tl fc	17.0447351	0.0157	17.0447351	0.0157	30 of 30	17.0447351	0.0157	30 of 30
(Set 1)F15 207Pb/204Pb Tl fc	15.5075033	0.0192	15.5062293	0.0179	29 of 30	15.5062293	0.0179	29 of 30
(Set 1)F16 208Pb/204Pb Tl fc	36.9691705	0.0242	36.9617490	0.0212	28 of 30	36.9611918	0.0185	26 of 30
(Set 1)F17 207Pb/206Pb Tl fc	0.9098119	0.0103	0.9097995	0.0084	28 of 30	0.9098638	0.0074	26 of 30
(Set 1)F18 208Pb/206Pb Tl fc	2.1689489	0.0110	2.1688226	0.0097	29 of 30	2.1686986	0.0074	26 of 30
(Set 1)F19 208Pb/206Pb m/r	1.0212963	0.0040	1.0213041	0.0031	28 of 30	1.0213033	0.0027	26 of 30
(Set 1)F20 206Pb/204Pb 8/6 201	17.0348298	0.0123	17.0347198	0.0104	28 of 30	17.0345591	0.0089	26 of 30
(Set 1)F21 207Pb/206Pb 8/6 corr	0.9095494	0.0127	0.9095479	0.0101	28 of 30	0.9096320	0.0084	26 of 30
(Set 1)F22 206Pb/204Pb 8/6 200	17.0489177	0.0128	17.0470740	0.0112	28 of 30	17.0470740	0.0112	28 of 30
(Set 1)F23 206Pb/204Pb 8/6 202	17.0449606	0.0139	17.0449606	0.0139	30 of 30	17.0449606	0.0139	30 of 30
(Set 1)F24 Tl/Pb	0.1661400	0.0892	0.1660839	0.0855	29 of 30	0.1660839	0.0855	29 of 30
(Set 1)F25 206V	1.0144281	1.0667	1.0053231	0.9367	28 of 30	0.9958393	0.7293	26 of 30
(Set 1)F31 206/205	2.0249557	0.0892	2.0249557	0.0892	30 of 30	2.0249557	0.0892	30 of 30
(Set 1)F33 206/205 Tl corr	2802.5650434	39.2250	2149.1142752	24.2301	27 of 30	2414.2526664	19.2922	26 of 30
(Set 1)F34 206/205 Tl corr mfc	2744.5594517	39.2534	2104.1708017	24.2530	27 of 30	2364.0096928	19.3084	26 of 30
(Set 1)F35 205/206 Tl corr mfc	0.0003053	15.4871	0.0003677	9.6649	27 of 30	0.0003848	8.4225	26 of 30