Collaborative Testing Services, Inc.

Wine Industry Interlaboratory Program

Summary Report #079 - Spring 2025

About the Wine Industry Interlaboratory Program

This interlaboratory survey was administered by Collaborative Testing Services, Inc. (CTS) through an agreement with The American Society for Enology and Viticulture (ASEV) with technical assistance provided by the Laboratory Proficiency Ad Hoc Committee. The purpose of the survey was to evaluate laboratory performance and assess the performance of the industry with respect to quality assurance testing conducted on commercially produced wine through an on-going interlaboratory testing program. Two bottles of differing wines were supplied to participant laboratories. The samples for each type of wine were chosen consecutively from a single production run, to minimize variation between bottles. Participating laboratories were asked to analyze the samples' ten properties in accordance with their normal laboratory procedures and return the results and methodology information to CTS.

About CTS

Founded in 1971, Collaborative Testing Services, Inc. (CTS) is a privately - owned company that specializes in interlaboratory tests for a variety of industries including color, rubber, plastics, fasteners and metals, containerboard, paper, agriculture, hemp, and wine, as well as proficiency tests for forensic laboratories. All of the tests are designed to assist organizations in achieving and maintaining quality assurance objectives. Labs from the U.S., as well as more than 100 countries, currently participate in the CTS programs.

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Key for Web Summary Report (Page 1 of 2)

WebCode — Assigned laboratory identification number (temporary) used to ensure lab confidentiality while permitting a lab to locate its data in the Wine Web Summary Report published on the CTS web site. The WebCode for each analysis can be found in the Performance Analysis Report mailed to each participant.

Lab Mean — The average of the test results obtained by the participant.

Grand Mean — The average of the LAB MEANS for all included participants. Laboratories flagged with an X or an M (see DATA FLAG column) are excluded from the GRAND MEAN.

Difference from Grand Mean — The difference of the LAB MEAN from the GRAND MEAN.

Between-Lab Standard Deviation — An indication of the precision of measurement between the laboratories. The greater the spread of the LAB MEANS about the GRAND MEAN, the larger the BETWEEN-LAB STANDARD DEVIATION (and vice versa).

Comparative Performance Value — An indication of how well a laboratory's results agree with the other participants. The CPV is a ratio indicating the number of standard deviations from the GRAND MEAN. The closer a laboratory's COMPARATIVE PERFORMANCE VALUE is to zero, the more consistent its results are with the other participants' data (and vice versa). The critical value for each CPV will vary depending on the number of labs participating in a test.

Data Flag — DATA FLAGS are assigned based on the simultaneous analysis of both samples tested. Refer to the following chart for an explanation of each symbol:

DATA FLAG	STATISTICALLY INCLUDED/EXCLUDED	ACTION REQUIRED
*	INCLUDED	**CAUTION** - Review testing procedure and monitor future results. Results fall outside 95% ellipse but within a 99% ellipse that is calculated but not drawn.
X	EXCLUDED	**STOP** - Immediate review of data and/or testing procedure is required. Results fall outside the 99% ellipse. See specific notes following each table for more information on why the data is excluded.
M	EXCLUDED	**PROCEED** - Lab was unable to report data for one sample.

Graph - For each laboratory, the LAB MEAN for the first sample (x-axis) is plotted against the LAB MEAN for the second sample (y-axis) with each point representing a laboratory. The horizontal and vertical cross-hairs are the GRAND MEANS for each sample. When 20 or more laboratories are in the statistics, an ellipse is also drawn so that 95% of the time a randomly selected laboratory will be included inside the ellipse. Plotted data flags are explained above.

Common Problems Highlighted in Footnotes

1. ***Extreme data*** - The laboratory's results for one or both samples are so inconsistent with those of the other participants that the lab mean(s) fall outside the plot. The participant is advised to immediately review his data and/or testing procedure.

2. ***Systematic bias*** - The laboratory's results are either consistently high or low for both samples when compared to the other participants (the plotted point falls near the top or bottom of the ellipse). This indicates that the participant is performing the test with a constant bias. Causes of systematic errors include improper calibration, the particular make/model of equipment or a modification to the testing procedure.

3. ***Inconsistency in testing between samples/sample sets*** - The laboratory's results indicate that there are differences in the way the two samples tested (the plotted point falls to the side of the ellipse). This type of error may be attributed to the analyst deviating from the procedure when testing one of the samples or a material interaction occurrence with the instrument or room conditions. The inconsistency is reflected in the CPVs for the two samples, such as a +1.5 CPV for sample A and a -2.2 CPV for sample B. CTS also will specify if the laboratory's data for one sample are high/low compared to the other participants. If this inconsistency is slight, the lab's plotted point will be an * that falls on the edge of the ellipse.

4. ***Inconsistency in testing within a sample*** - The laboratory's within-lab standard deviation for a specified sample is high when compared to the other participants, often causing the lab's plotted point to fall outside of the ellipse.

Labs flagged with an * are not typically included in the footnotes of a data table. These labs may locate their position in the control ellipse and use the definitions above to help identify the type of testing error. An * should serve as a caution flag, a "yellow light", to a lab. If this error is repeated in future rounds, a lab may need to stop and review its testing procedures. The initial data flag is not cause for alarm. Interlaboratory tests conducted at regular intervals permit a lab to recognize trends in testing.

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4		7.860	-0.026	-0.77	7.800	-0.027	-0.73
2QNR3Q	X	7.850	-0.036	-1.06	7.700	-0.127	-3.42
2UM4YQ		7.960	0.074	2.16	7.880	0.053	1.43
37W374		7.895	0.009	0.25	7.820	-0.007	-0.19
3AGTUM		7.845	-0.041	-1.21	7.790	-0.037	-1.00
3KHH93		7.865	-0.021	-0.62	7.810	-0.017	-0.46
3NGT63	*	7.790	-0.096	-2.82	7.760	-0.067	-1.80
3R2JTL		7.905	0.019	0.55	7.880	0.053	1.43
3TW2VM		7.920	0.034	0.99	7.870	0.043	1.16
42JHWW	X	7.910	0.024	0.69	7.580	-0.247	-6.66
4FZF2X		7.935	0.049	1.42	7.870	0.043	1.16
4JZQXX		7.870	-0.016	-0.48	7.810	-0.017	-0.46
4KCKFH		7.905	0.019	0.55	7.840	0.013	0.35
4ZRLAN		7.945	0.059	1.72	7.890	0.063	1.70
62FEMH	X	8.520	0.634	18.54	8.460	0.633	17.07
6FDJVF		7.900	0.014	0.40	7.850	0.023	0.62
6FWDPX		7.905	0.019	0.55	7.845	0.018	0.49
6GUGMF		7.900	0.014	0.40	7.850	0.023	0.62
6RBAU2		7.920	0.034	0.99	7.860	0.033	0.89
6VQW7L		7.830	-0.056	-1.65	7.755	-0.072	-1.94
782PFD		7.845	-0.041	-1.21	7.785	-0.042	-1.13
7NKMCX		7.940	0.054	1.57	7.890	0.063	1.70
8K4K6T	X	8.000	0.114	3.33	7.900	0.073	1.97
93FRUU		7.920	0.034	0.99	7.865	0.038	1.03
9KKY9W		7.905	0.019	0.55	7.850	0.023	0.62
9YH9UG	X	7.860	-0.026	-0.77	7.740	-0.087	-2.34
A23C3E		7.860	-0.026	-0.77	7.795	-0.032	-0.86
AB7MDB		7.890	0.004	0.11	7.830	0.003	0.08
AENR6D	X	7.330	-0.556	-16.28	7.300	-0.527	-14.21
AHM32D		7.860	-0.026	-0.77	7.840	0.013	0.35
AZ8TZD		7.870	-0.016	-0.48	7.810	-0.017	-0.46
BMGJQD		7.885	-0.001	-0.04	7.820	-0.007	-0.19
BQD6HF	X	7.550	-0.336	-9.84	7.650	-0.177	-4.77
C2RLNR		7.860	-0.026	-0.77	7.800	-0.027	-0.73
CK8VNR		7.895	0.009	0.25	7.840	0.013	0.35

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
CPHMGE		7.900	0.014	0.40	7.830	0.003	0.08
CWWRQQ		7.940	0.054	1.57	7.880	0.053	1.43
DDMV9F	X	8.750	0.864	25.27	8.600	0.773	20.85
DFARG7		7.880	-0.006	-0.19	7.830	0.003	0.08
DJCDMQ		7.910	0.024	0.69	7.840	0.013	0.35
DJRW9A		7.870	-0.016	-0.48	7.810	-0.017	-0.46
DUABCC		7.865	-0.021	-0.62	7.815	-0.012	-0.32
DWD7VE		7.840	-0.046	-1.36	7.775	-0.052	-1.40
DXBJGL		7.840	-0.046	-1.36	7.805	-0.022	-0.59
EEQ868	*	7.900	0.014	0.40	7.900	0.073	1.97
FABYFM		7.880	-0.006	-0.19	7.830	0.003	0.08
FB7HGN		7.910	0.024	0.69	7.815	-0.012	-0.32
FUNCD6		7.920	0.034	0.99	7.900	0.073	1.97
G2ZXUL		7.840	-0.046	-1.36	7.780	-0.047	-1.27
G3BV84		7.830	-0.056	-1.65	7.780	-0.047	-1.27
G7WJMA		7.840	-0.046	-1.36	7.795	-0.032	-0.86
H786AG		7.900	0.014	0.40	7.840	0.013	0.35
HAN8GL		7.895	0.009	0.25	7.825	-0.002	-0.05
HBMBE4		7.885	-0.001	-0.04	7.845	0.018	0.49
HCTZD7		7.915	0.029	0.84	7.860	0.033	0.89
J3YCV9		7.885	-0.001	-0.04	7.820	-0.007	-0.19
J6BRPA	X	7.600	-0.286	-8.38	7.700	-0.127	-3.42
J6Q9HG		7.875	-0.011	-0.33	7.820	-0.007	-0.19
JK3PQ6	X	7.755	-0.131	-3.84	7.580	-0.247	-6.66
JWXVK3		7.870	-0.016	-0.48	7.835	0.008	0.22
K33UT8		7.900	0.014	0.40	7.830	0.003	0.08
KTQZD6		7.880	-0.006	-0.19	7.785	-0.042	-1.13
L62REJ		7.875	-0.011	-0.33	7.825	-0.002	-0.05
LVWKYJ		7.880	-0.006	-0.19	7.820	-0.007	-0.19
ME3E7G		7.925	0.039	1.13	7.860	0.033	0.89
MP36P3		7.925	0.039	1.13	7.865	0.038	1.03
MWM67F		7.880	-0.006	-0.19	7.820	-0.007	-0.19
NFAEH2		7.890	0.004	0.11	7.820	-0.007	-0.19
NJWVWF		7.910	0.024	0.69	7.850	0.023	0.62
NZJBZC		7.895	0.009	0.25	7.880	0.053	1.43

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
P3J2JW		7.890	0.004	0.11	7.830	0.003	0.08
P6VGDX		7.845	-0.041	-1.21	7.780	-0.047	-1.27
PQPMHE	*	7.840	-0.046	-1.36	7.730	-0.097	-2.61
Q6NNW2	X	7.300	-0.586	-17.16	7.900	0.073	1.97
R62X6R		7.830	-0.056	-1.65	7.770	-0.057	-1.53
RU2CV9		7.830	-0.056	-1.65	7.755	-0.072	-1.94
TAQFEX		7.890	0.004	0.11	7.825	-0.002	-0.05
TVQVJR		7.910	0.024	0.69	7.870	0.043	1.16
TVTRLA		7.890	0.004	0.11	7.845	0.018	0.49
UFEMCW	X	8.150	0.264	7.72	8.000	0.173	4.67
ULGTQY		7.865	-0.021	-0.62	7.795	-0.032	-0.86
V98DH9		7.900	0.014	0.40	7.800	-0.027	-0.73
VN6M4T		7.945	0.059	1.72	7.870	0.043	1.16
VPZ66V		7.965	0.079	2.30	7.885	0.058	1.57
VYYZ26		7.940	0.054	1.57	7.890	0.063	1.70
W4TCHM		7.870	-0.016	-0.48	7.795	-0.032	-0.86
WEBXLW	X	7.600	-0.286	-8.38	7.600	-0.227	-6.12
WEUKHT		7.900	0.014	0.40	7.840	0.013	0.35
WL9LJM		7.915	0.029	0.84	7.875	0.048	1.30
WLVWEP		7.850	-0.036	-1.06	7.790	-0.037	-1.00
WWCLCV		7.825	-0.061	-1.79	7.770	-0.057	-1.53
X6ZWZV		7.885	-0.001	-0.04	7.830	0.003	0.08
XC29VR		7.875	-0.011	-0.33	7.815	-0.012	-0.32
XP7CJ8		7.900	0.014	0.40	7.800	-0.027	-0.73
XTNNYN		7.865	-0.021	-0.62	7.805	-0.022	-0.59
Y3R4J2	X	7.670	-0.216	-6.33	7.600	-0.227	-6.12
Y7A7Q8		7.880	-0.006	-0.19	7.805	-0.022	-0.59
YRD4VL	*	7.830	-0.056	-1.65	7.815	-0.012	-0.32

Summary Statistics

Grand Means	7.8863 percent	7.8269 percent
Stnd Dev Btwn Labs	0.0342 percent	0.0371 percent

Statistics based on 84 of 98 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #901

8K4K6T (X) - Inconsistent in testing between samples, data for sample SA57 are high.

42JHWW (X) - Inconsistent in testing between samples, data for sample SA58 are low.

Y3R4J2 (X) - Data for both samples are low. Possible Systematic Error.

AENR6D (X) - Data for both samples are low.

62FEMH (X) - Data for both samples are high.

JK3PQ6 (X) - Data for both samples are low. Possible Systematic Error.

9YH9UG (X) - Inconsistent in testing between samples.

UFEMCW (X) - Data for both samples are high. Inconsistent within the determinations of both samples.

BQD6HF (X) - Data for both samples are low. Inconsistent within the determinations of both samples.

Q6NNW2 (X) - Inconsistent in testing between samples, data for sample SA57 are low.

2QNR3Q (X) - Inconsistent in testing between samples, data for sample SA58 are low.

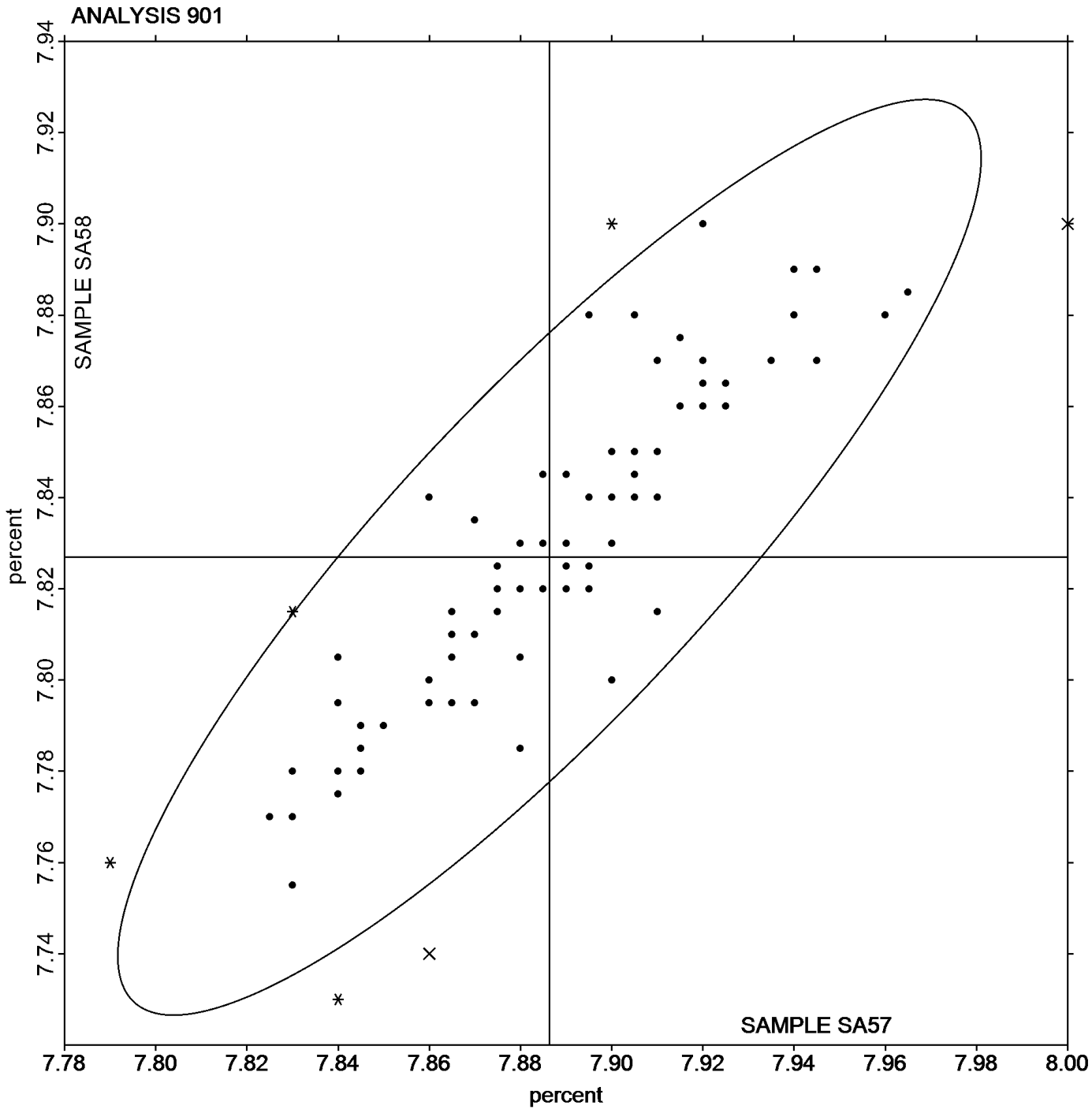
DDMV9F (X) - Data for both samples are high. Possible Systematic Error.

J6BRPA (X) - Data for both samples are low. Inconsistent within the determinations of sample SA58.

WEBXLW (X) - Data for both samples are low. Possible Systematic Error.

Results by Methodology (as reported by laboratory)

	Sample SA57 *White Zinfandel*			Sample SA58 *White Zinfandel*			
Test Methodology	**Group Mean**	**Btwn Lab STD**	**Diff from GM**	**Group Mean**	**Btwn Lab STD**	**Diff from GM**	**Labs Incl / Rpt**
Ebulliometer Method	7.900	0.000	0.014	7.900	0.000	0.073	1/5
Gas Chromatography Method	7.933	0.018	0.046	7.878	0.018	0.051	2/4
Near Infrared Method	7.883	0.035	-0.003	7.823	0.036	-0.004	67/70
Dist. / Density Method	7.879	0.026	-0.007	7.807	0.018	-0.020	5/9
FTIR	7.894	0.031	0.007	7.849	0.038	0.022	7/8
Other	7.898	0.011	0.011	7.850	0.042	0.023	2/2



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4		170.0	-3.4	-0.30	158.5	-2.8	-0.26
2QNR3Q		170.0	-3.4	-0.30	159.0	-2.3	-0.21
2UM4YQ		163.0	-10.4	-0.93	153.0	-8.3	-0.78
37W374		179.5	6.1	0.54	168.0	6.7	0.63
3AGTUM		176.5	3.1	0.28	166.5	5.2	0.49
3KHH93		170.9	-2.6	-0.23	159.2	-2.1	-0.19
3NGT63		182.5	9.1	0.81	170.0	8.7	0.82
3R2JTL	X	157.5	-15.9	-1.42	157.0	-4.3	-0.40
3TW2VM		163.5	-9.9	-0.88	154.5	-6.8	-0.63
42JHWW		182.5	9.1	0.81	171.5	10.2	0.96
4FZF2X		186.8	13.3	1.19	175.0	13.7	1.28
4JZQXX		167.5	-5.9	-0.53	158.5	-2.8	-0.26
4KCKFH		164.5	-8.9	-0.79	154.0	-7.3	-0.68
4ZRLAN	X	173.0	-0.4	-0.04	151.0	-10.3	-0.96
62FEMH		165.5	-7.9	-0.70	152.5	-8.8	-0.82
6FDJVF		181.5	8.1	0.72	163.5	2.2	0.21
6FWDPX		175.0	1.6	0.14	162.0	0.7	0.07
6GUGMF		163.5	-9.9	-0.88	152.5	-8.8	-0.82
6RBAU2		168.5	-4.9	-0.44	160.0	-1.3	-0.12
6VQW7L	X	194.0	20.6	1.83	191.5	30.2	2.84
782PFD		171.5	-1.9	-0.17	158.0	-3.3	-0.31
7NKMCX	*	199.0	25.6	2.28	188.0	26.7	2.51
8K4K6T		170.0	-3.4	-0.30	160.0	-1.3	-0.12
93FRUU		177.5	4.1	0.37	167.5	6.2	0.58
94DVRB		176.8	3.3	0.30	166.1	4.8	0.45
9KKY9W		196.0	22.5	2.01	183.2	21.9	2.06
9YH9UG	X	181.5	8.1	0.72	158.5	-2.8	-0.26
A23C3E		185.5	12.1	1.08	167.5	6.2	0.58
AB7MDB		173.7	0.3	0.03	160.6	-0.7	-0.06
AHM32D		164.1	-9.3	-0.83	152.7	-8.6	-0.80
AZ8TZD		160.0	-13.4	-1.19	149.0	-12.3	-1.15
BMGJQD		181.5	8.1	0.72	166.5	5.2	0.49
BQD6HF		177.6	4.2	0.37	169.6	8.3	0.78
C2RLNR		153.0	-20.4	-1.82	142.5	-18.8	-1.76
CPHMGE		180.0	6.6	0.59	168.0	6.7	0.63

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
CWWRQQ		171.5	-1.9	-0.17	155.5	-5.8	-0.54
DDMV9F		181.1	7.6	0.68	164.5	3.2	0.30
DFARG7		165.0	-8.4	-0.75	150.0	-11.3	-1.06
DJCDMQ		159.0	-14.4	-1.28	153.5	-7.8	-0.73
DJRW9A		167.5	-5.9	-0.53	157.0	-4.3	-0.40
DUABCC		171.0	-2.4	-0.21	157.0	-4.3	-0.40
DWD7VE		168.0	-5.4	-0.48	153.0	-8.3	-0.78
DXBJGL		177.0	3.6	0.32	158.0	-3.3	-0.31
EEQ868		170.0	-3.4	-0.30	155.0	-6.3	-0.59
FABYFM		194.5	21.1	1.88	180.0	18.7	1.76
FB7HGN		171.5	-1.9	-0.17	163.5	2.2	0.21
FUNCD6		172.0	-1.4	-0.12	160.5	-0.8	-0.07
G2ZXUL		173.0	-0.4	-0.04	160.0	-1.3	-0.12
G7WJMA		179.5	6.1	0.54	168.0	6.7	0.63
HAN8GL		182.5	9.1	0.81	164.5	3.2	0.30
HBMBE4		172.5	-0.9	-0.08	158.5	-2.8	-0.26
HCTZD7		189.0	15.6	1.39	175.5	14.2	1.33
J3YCV9		167.5	-5.9	-0.53	159.0	-2.3	-0.21
J6BRPA		163.5	-9.9	-0.88	152.0	-9.3	-0.87
J6Q9HG		165.0	-8.4	-0.75	155.0	-6.3	-0.59
JK3PQ6		175.6	2.2	0.20	166.2	4.9	0.46
JWXVK3		154.5	-18.9	-1.68	146.0	-15.3	-1.43
K33UT8		171.0	-2.4	-0.21	152.5	-8.8	-0.82
KM4836		171.0	-2.4	-0.21	159.0	-2.3	-0.21
KTQZD6	*	204.0	30.6	2.72	193.5	32.2	3.02
L62REJ		171.0	-2.4	-0.21	159.5	-1.8	-0.17
LVWKYJ		168.7	-4.7	-0.42	153.0	-8.3	-0.78
ME3E7G		181.0	7.6	0.68	168.5	7.2	0.68
MP36P3		164.0	-9.4	-0.84	151.5	-9.8	-0.92
MWM67F		169.5	-3.9	-0.35	155.0	-6.3	-0.59
NFAEH2	*	168.0	-5.4	-0.48	164.5	3.2	0.30
NJWVWF		196.2	22.8	2.03	181.0	19.7	1.85
NZJBZC		176.0	2.6	0.23	166.5	5.2	0.49
P3J2JW		175.5	2.1	0.19	165.0	3.7	0.35
P6VGDX		166.5	-6.9	-0.61	152.5	-8.8	-0.82

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
PQPMHE		163.0	-10.4	-0.93	153.0	-8.3	-0.78
Q6NNW2		153.0	-20.4	-1.82	141.0	-20.3	-1.90
R62X6R		182.0	8.6	0.77	169.0	7.7	0.73
RU2CV9		162.0	-11.4	-1.02	146.5	-14.8	-1.39
TAQFEX		184.0	10.6	0.94	171.5	10.2	0.96
TH22Z7	X	178.3	4.9	0.44	151.2	-10.1	-0.95
TVQVJR		200.0	26.6	2.37	187.0	25.7	2.41
TVTRLA		201.0	27.6	2.46	185.5	24.2	2.27
UFEMCW		190.0	16.6	1.48	174.5	13.2	1.24
ULGTQY	X	190.0	16.6	1.48	159.5	-1.8	-0.17
V98DH9	X	161.0	-12.4	-1.10	175.0	13.7	1.29
VN6M4T		162.0	-11.4	-1.02	145.5	-15.8	-1.48
VPZ66V		158.5	-14.9	-1.33	148.0	-13.3	-1.24
VYYZ26		161.0	-12.4	-1.10	153.5	-7.8	-0.73
W4TCHM		167.5	-5.9	-0.53	152.5	-8.8	-0.82
WEUKHT		170.5	-2.9	-0.26	162.0	0.7	0.07
WL9LJM		157.5	-15.9	-1.42	147.5	-13.8	-1.29
WLVWEP		187.0	13.6	1.21	173.0	11.7	1.10
WWCLCV		170.0	-3.4	-0.30	158.0	-3.3	-0.31
XC29VR		160.5	-12.9	-1.15	148.0	-13.3	-1.24
XP7CJ8		168.5	-4.9	-0.44	156.0	-5.3	-0.49
XTNNYN		154.5	-18.9	-1.68	146.5	-14.8	-1.39
Y3R4J2	*	178.0	4.6	0.41	172.5	11.2	1.05
Y7A7Q8		183.5	10.1	0.90	167.5	6.2	0.58
YRD4VL		175.0	1.6	0.14	161.5	0.2	0.02

Summary Statistics

	Sample SA57	Sample SA58
Grand Means	173.40 mg/L	161.27 mg/L
Stnd Dev Btwn Labs	11.23 mg/L	10.66 mg/L

Statistics based on 88 of 95 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #902

TH22Z7 (X) - Inconsistent in testing between samples.

V98DH9 (X) - Inconsistent in testing between samples. Lab may have swapped data between sample sets.

3R2JTL (X) - Inconsistent in testing between samples.

9YH9UG (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample SA57.

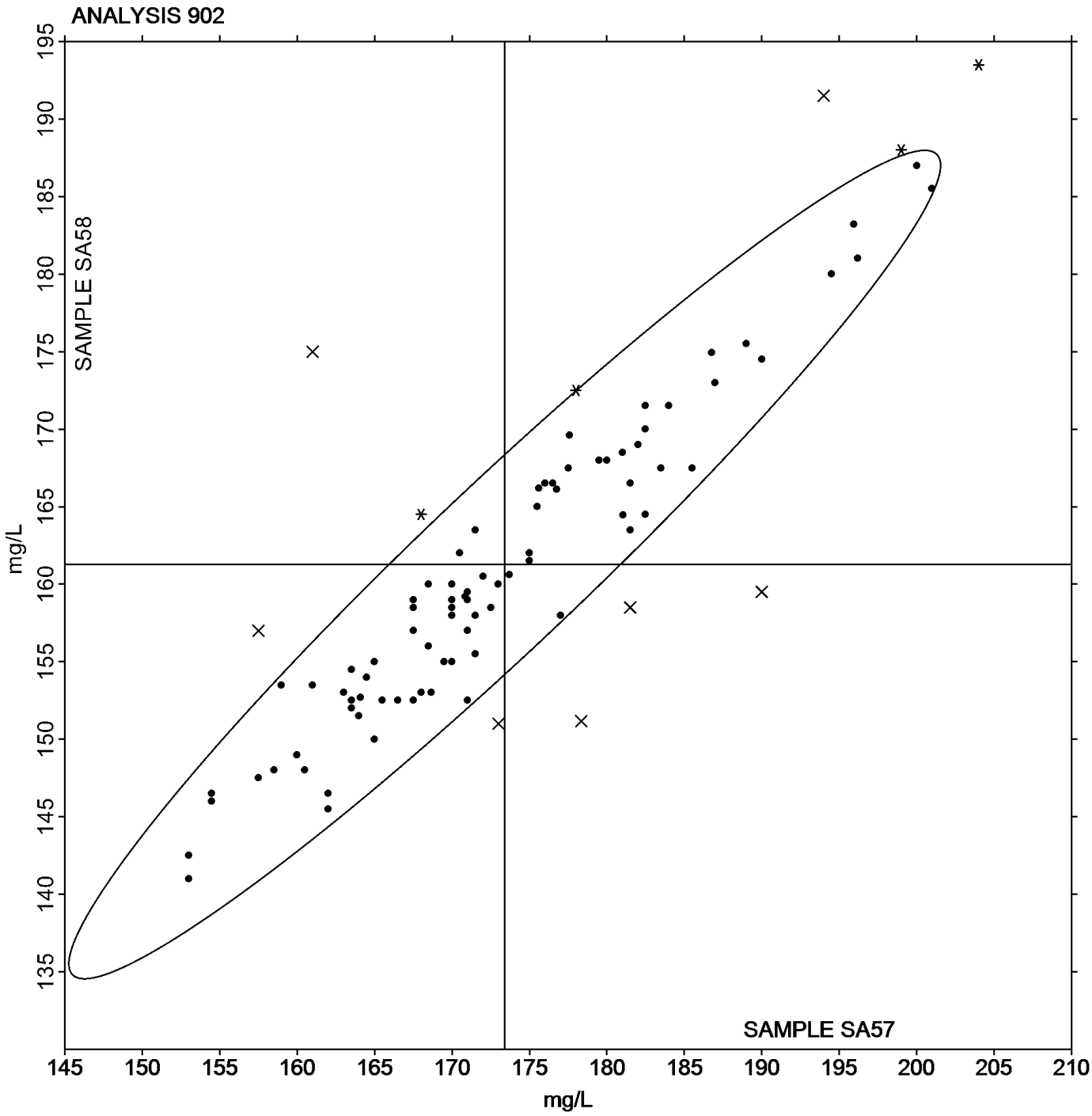
6VQW7L (X) - Inconsistent in testing between samples, data for sample SA58 are high. Inconsistent within the determinations of both samples.

4ZRLAN (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

ULGTQY (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample SA57.

Results by Methodology (as reported by laboratory)

	Sample SA57 *White Zinfandel*			Sample SA58 *White Zinfandel*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Please specify method used	166.833	9.929	-6.6	159.333	11.427	-1.9	3/4
Ripper Method	166.537	6.182	-6.9	154.742	5.958	-6.5	33/37
Aeration Oxidation (AO) Method	171.225	8.355	-2.2	159.410	7.960	-1.9	10/10
Segemented Flow Analyzer	174.500	10.807	1.1	160.500	9.365	-0.8	6/6
Enzymatic Method	176.237	10.050	2.8	163.583	9.570	2.3	15/16
Colormetric Analyzer	181.746	9.476	8.3	168.627	8.695	7.4	13/13
FTIR	195.100	13.325	21.7	183.500	11.581	22.2	5/5
Flow Injection Analysis	174.000	3.041	0.6	162.167	4.726	0.9	3/4



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4		22.00	-1.44	-0.52	19.00	-1.97	-0.82
2QNR3Q		22.00	-1.44	-0.52	22.00	1.03	0.43
2UM4YQ		24.00	0.56	0.21	22.00	1.03	0.43
37W374		25.50	2.06	0.75	21.00	0.03	0.01
3AGTUM		24.00	0.56	0.21	20.50	-0.47	-0.20
3KHH93		22.85	-0.59	-0.21	22.05	1.08	0.45
3NGT63		23.50	0.06	0.02	19.50	-1.47	-0.61
3R2JTL		20.00	-3.44	-1.25	20.00	-0.97	-0.41
3TW2VM		22.00	-1.44	-0.52	21.50	0.53	0.22
42JHWW		28.50	5.06	1.84	24.00	3.03	1.26
4FZF2X		25.50	2.06	0.75	21.00	0.03	0.01
4JZQXX		24.00	0.56	0.21	22.00	1.03	0.43
4KCKFH		26.00	2.56	0.93	21.50	0.53	0.22
4ZRLAN		22.00	-1.44	-0.52	20.00	-0.97	-0.41
62FEMH	X	35.60	12.16	4.43	32.90	11.93	4.98
6FDJVF		24.50	1.06	0.39	20.50	-0.47	-0.20
6FWDPX	X	36.50	13.06	4.76	33.00	12.03	5.02
6GUGMF		21.00	-2.44	-0.89	19.00	-1.97	-0.82
6RBAU2		22.00	-1.44	-0.52	19.50	-1.47	-0.61
6VQW7L		26.50	3.06	1.12	24.50	3.53	1.47
782PFD		25.50	2.06	0.75	21.50	0.53	0.22
7NKMCX	X	34.45	11.01	4.01	32.60	11.63	4.85
8K4K6T		22.50	-0.94	-0.34	19.00	-1.97	-0.82
93FRUU		22.00	-1.44	-0.52	22.00	1.03	0.43
9KKY9W		23.75	0.31	0.11	19.95	-1.02	-0.43
9YH9UG	*	16.50	-6.94	-2.52	17.50	-3.47	-1.45
A23C3E		25.00	1.56	0.57	22.50	1.53	0.64
AB7MDB		26.50	3.06	1.12	22.50	1.53	0.64
AENR6D		23.25	-0.19	-0.07	20.70	-0.27	-0.11
AHM32D		20.65	-2.79	-1.01	18.85	-2.12	-0.89
AZ8TZD		26.00	2.56	0.93	23.50	2.53	1.06
BMGJQD		24.50	1.06	0.39	21.00	0.03	0.01
BQD6HF	*	25.60	2.16	0.79	25.60	4.63	1.93
C2RLNR		21.00	-2.44	-0.89	19.00	-1.97	-0.82
CK8VNR	X	12.00	-11.44	-4.16	13.00	-7.97	-3.33

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
CPHMGE		27.00	3.56	1.30	24.50	3.53	1.47
CWWRQQ		23.00	-0.44	-0.16	21.50	0.53	0.22
DDMV9F		24.04	0.60	0.22	19.23	-1.74	-0.73
DFARG7		21.00	-2.44	-0.89	19.00	-1.97	-0.82
DJCDMQ		27.00	3.56	1.30	24.50	3.53	1.47
DJRW9A		21.00	-2.44	-0.89	19.00	-1.97	-0.82
DUABCC		27.00	3.56	1.30	25.00	4.03	1.68
DWD7VE		20.50	-2.94	-1.07	18.50	-2.47	-1.03
DXBJGL		21.00	-2.44	-0.89	17.50	-3.47	-1.45
EEQ868	X	30.00	6.56	2.39	19.00	-1.97	-0.82
FABYFM		24.50	1.06	0.39	21.50	0.53	0.22
FB7HGN		25.50	2.06	0.75	23.50	2.53	1.06
FUNCD6		20.00	-3.44	-1.25	18.00	-2.97	-1.24
G2ZXUL		28.00	4.56	1.66	24.50	3.53	1.47
G3BV84		23.50	0.06	0.02	21.00	0.03	0.01
G7WJMA		23.30	-0.14	-0.05	19.30	-1.67	-0.70
HAN8GL		24.50	1.06	0.39	22.50	1.53	0.64
HBMBE4		23.00	-0.44	-0.16	20.00	-0.97	-0.41
HCTZD7		22.75	-0.69	-0.25	19.20	-1.77	-0.74
J3YCV9		23.50	0.06	0.02	21.00	0.03	0.01
J6BRPA		25.50	2.06	0.75	23.00	2.03	0.85
J6Q9HG		22.00	-1.44	-0.52	21.00	0.03	0.01
JK3PQ6		23.25	-0.19	-0.07	21.85	0.88	0.37
JWXVK3		19.00	-4.44	-1.61	17.50	-3.47	-1.45
K33UT8	*	31.00	7.56	2.75	25.50	4.53	1.89
KM4836		24.50	1.06	0.39	22.50	1.53	0.64
KTQZD6	X	34.50	11.06	4.03	32.50	11.53	4.81
L62REJ		23.00	-0.44	-0.16	20.00	-0.97	-0.41
LVWKYJ		25.33	1.89	0.69	23.00	2.03	0.85
ME3E7G		25.00	1.56	0.57	22.50	1.53	0.64
MP36P3		17.50	-5.94	-2.16	16.00	-4.97	-2.08
MWM67F		21.50	-1.94	-0.70	19.00	-1.97	-0.82
NFAEH2		26.00	2.56	0.93	24.00	3.03	1.26
NJWVWF		21.55	-1.89	-0.69	19.40	-1.57	-0.66
NZJBZC		28.00	4.56	1.66	26.50	5.53	2.31

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
P3J2JW	*	20.50	-2.94	-1.07	22.00	1.03	0.43
P6VGDX		23.50	0.06	0.02	20.00	-0.97	-0.41
PQPMHE		25.00	1.56	0.57	23.00	2.03	0.85
Q6NNW2		24.00	0.56	0.21	22.00	1.03	0.43
QV2TVZ		20.40	-3.04	-1.11	16.00	-4.97	-2.08
R62X6R		26.00	2.56	0.93	22.50	1.53	0.64
RU2CV9		22.50	-0.94	-0.34	18.50	-2.47	-1.03
TAQFEX		23.00	-0.44	-0.16	20.00	-0.97	-0.41
TH22Z7		22.64	-0.80	-0.29	18.51	-2.47	-1.03
TVQVJR	X	33.00	9.56	3.48	30.00	9.03	3.77
TVTRLA	X	33.00	9.56	3.48	29.00	8.03	3.35
UFEMCW		24.50	1.06	0.39	21.50	0.53	0.22
ULGTQY		20.50	-2.94	-1.07	21.50	0.53	0.22
V98DH9	*	16.00	-7.44	-2.71	14.00	-6.97	-2.91
VN6M4T		24.00	0.56	0.21	21.50	0.53	0.22
VPZ66V		18.00	-5.44	-1.98	15.50	-5.47	-2.28
VYYZ26	*	17.50	-5.94	-2.16	18.50	-2.47	-1.03
W4TCHM	*	28.50	5.06	1.84	22.50	1.53	0.64
WEUKHT		25.00	1.56	0.57	25.00	4.03	1.68
WL9LJM		23.00	-0.44	-0.16	20.50	-0.47	-0.20
WLVWEP		28.00	4.56	1.66	25.00	4.03	1.68
WWCLCV		25.50	2.06	0.75	23.50	2.53	1.06
X6ZWZV		23.56	0.12	0.05	19.90	-1.07	-0.45
XC29VR		23.50	0.06	0.02	22.00	1.03	0.43
XP7CJ8		22.00	-1.44	-0.52	19.00	-1.97	-0.82
XTNNYN		20.00	-3.44	-1.25	19.00	-1.97	-0.82
Y3R4J2	X	34.00	10.56	3.85	34.50	13.53	5.65
Y7A7Q8		25.30	1.86	0.68	20.35	-0.62	-0.26
YRD4VL		25.00	1.56	0.57	21.50	0.53	0.22

Summary Statistics

Grand Means	23.436 mg/L	20.971 mg/L
Stnd Dev Btwn Labs	2.747 mg/L	2.395 mg/L

Statistics based on 90 of 99 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #903

TVQVJR (X) - Data for both samples are high. Possible Systematic Error.

Y3R4J2 (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample SA57.

6FWDPX (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample SA57.

TVTRLA (X) - Data for both samples are high. Possible Systematic Error.

7NKMCX (X) - Data for both samples are high. Possible Systematic Error.

CK8VNR (X) - Data for both samples are low. Possible Systematic Error.

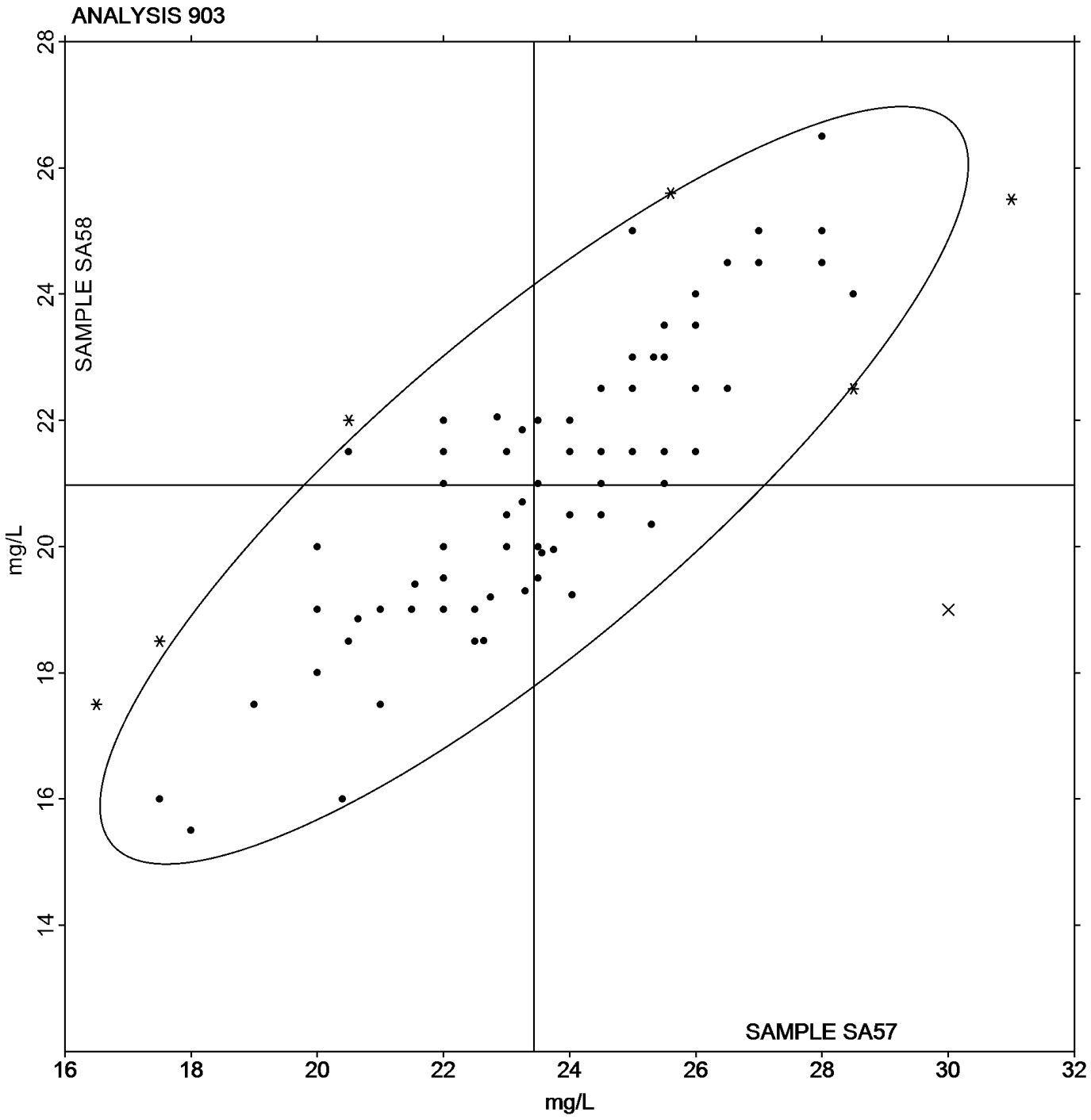
EEQ868 (X) - Inconsistent in testing between samples.

62FEMH (X) - Data for both samples are high. Possible Systematic Error.

KTQZD6 (X) - Data for both samples are high. Possible Systematic Error.

Results by Methodology (as reported by laboratory)

	Sample SA57 *White Zinfandel*			Sample SA58 *White Zinfandel*			
Test Methodology	**Group Mean**	**Btwn Lab STD**	**Diff from GM**	**Group Mean**	**Btwn Lab STD**	**Diff from GM**	**Labs Incl / Rpt**
Please specify method used	26.000	0.866	2.56	23.000	1.500	2.03	3/4
Ripper Method	22.557	2.685	-0.88	20.753	2.518	-0.22	29/30
Aeration Oxidation (AO) Method	21.991	2.605	-1.44	19.998	2.552	-0.97	22/23
Segmented Flow Analyzer	23.750	1.233	0.31	21.029	1.993	0.06	7/7
Enzymatic Method	25.825	2.421	2.39	22.185	1.785	1.21	10/11
Colormetric Analyzer	25.303	1.958	1.87	21.544	2.089	0.57	12/13
Flow Injection Analysis	22.528	1.804	-0.91	20.201	2.018	-0.77	5/5
FTIR	26.250	1.061	2.81	24.000	0.707	3.03	2/6



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4		7.300	-0.134	-0.51	7.400	-0.009	-0.04
2QNR3Q		7.280	-0.154	-0.58	7.270	-0.139	-0.55
2UM4YQ		7.400	-0.034	-0.13	7.400	-0.009	-0.04
37W374		7.985	0.551	2.09	7.890	0.481	1.92
3AGTUM		7.190	-0.244	-0.92	7.235	-0.174	-0.69
3KHH93		7.310	-0.124	-0.47	7.265	-0.144	-0.57
3NGT63		7.500	0.066	0.25	7.350	-0.059	-0.23
3R2JTL		7.550	0.116	0.44	7.620	0.211	0.84
3TW2VM		7.190	-0.244	-0.92	7.165	-0.244	-0.97
42JHWW		7.260	-0.174	-0.66	7.320	-0.089	-0.35
4FZF2X		7.500	0.066	0.25	7.500	0.091	0.36
4JZQXX		7.565	0.131	0.50	7.590	0.181	0.72
4KCKFH		7.490	0.056	0.21	7.370	-0.039	-0.16
4ZRLAN		7.250	-0.184	-0.70	7.400	-0.009	-0.04
62FEMH		7.596	0.161	0.61	7.460	0.051	0.20
6FDJVF		7.400	-0.034	-0.13	7.550	0.141	0.56
6FWDPX	*	8.180	0.746	2.83	8.110	0.701	2.79
6GUGMF		7.185	-0.249	-0.94	7.195	-0.214	-0.85
6RBAU2		7.030	-0.404	-1.53	7.000	-0.409	-1.63
6VQW7L		7.300	-0.134	-0.51	7.205	-0.204	-0.81
782PFD		7.050	-0.384	-1.46	6.950	-0.459	-1.83
7NKMCX		7.750	0.316	1.20	7.735	0.326	1.30
8K4K6T		7.190	-0.244	-0.92	7.190	-0.219	-0.87
94DVRB		7.701	0.266	1.01	7.688	0.279	1.11
9KKY9W		7.305	-0.129	-0.49	7.295	-0.114	-0.45
9YH9UG		7.830	0.396	1.50	7.655	0.246	0.98
A23C3E	X	8.450	1.016	3.85	8.150	0.741	2.95
AB7MDB		7.470	0.036	0.14	7.590	0.181	0.72
AENR6D		7.330	-0.104	-0.39	7.300	-0.109	-0.43
AHM32D	X	8.265	0.831	3.15	8.060	0.651	2.59
AZ8TZD		7.100	-0.334	-1.27	7.100	-0.309	-1.23
BMGJQD		7.300	-0.134	-0.51	7.300	-0.109	-0.43
BQD6HF		7.050	-0.384	-1.46	7.050	-0.359	-1.43
C2RLNR		7.035	-0.399	-1.51	7.025	-0.384	-1.53
CK8VNR		7.070	-0.364	-1.38	7.135	-0.274	-1.09

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
CPHMGE		7.300	-0.134	-0.51	7.300	-0.109	-0.43
CWWRQQ		7.160	-0.274	-1.04	7.160	-0.249	-0.99
DDMV9F		8.015	0.581	2.20	7.975	0.566	2.25
DFARG7		7.300	-0.134	-0.51	7.300	-0.109	-0.43
DJRW9A		7.625	0.191	0.72	7.575	0.166	0.66
DUABCC		7.405	-0.029	-0.11	7.305	-0.104	-0.41
DWD7VE		7.350	-0.084	-0.32	7.250	-0.159	-0.63
DXBJGL		7.075	-0.359	-1.36	7.005	-0.404	-1.61
EEQ868		7.700	0.266	1.01	7.600	0.191	0.76
FABYFM		7.400	-0.034	-0.13	7.300	-0.109	-0.43
FB7HGN		7.750	0.316	1.20	7.650	0.241	0.96
FUNCD6		7.400	-0.034	-0.13	7.400	-0.009	-0.04
G2ZXUL	X	7.170	-0.264	-1.00	6.635	-0.774	-3.08
G3BV84		7.350	-0.084	-0.32	7.400	-0.009	-0.04
G7WJMA		7.325	-0.109	-0.41	7.285	-0.124	-0.49
H786AG		6.965	-0.469	-1.78	7.035	-0.374	-1.49
HAN8GL		7.200	-0.234	-0.89	7.200	-0.209	-0.83
HBMBE4	X	7.400	-0.034	-0.13	6.850	-0.559	-2.23
HCTZD7	X	7.335	-0.099	-0.38	7.075	-0.334	-1.33
J3YCV9		7.500	0.066	0.25	7.500	0.091	0.36
J6BRPA	*	7.950	0.516	1.95	8.015	0.606	2.41
J6Q9HG		7.710	0.276	1.05	7.585	0.176	0.70
JK3PQ6		7.600	0.166	0.63	7.500	0.091	0.36
JWXVK3		7.495	0.061	0.23	7.345	-0.064	-0.25
K33UT8		7.250	-0.184	-0.70	7.250	-0.159	-0.63
KM4836		7.215	-0.219	-0.83	7.220	-0.189	-0.75
KTQZD6		7.150	-0.284	-1.08	7.200	-0.209	-0.83
L62REJ		7.400	-0.034	-0.13	7.250	-0.159	-0.63
LVWKYJ		7.600	0.166	0.63	7.533	0.124	0.49
ME3E7G	X	7.650	0.216	0.82	7.250	-0.159	-0.63
MP36P3		7.600	0.166	0.63	7.500	0.091	0.36
MWM67F		7.450	0.016	0.06	7.400	-0.009	-0.04
NFAEH2		7.605	0.171	0.65	7.700	0.291	1.16
NJWVWF		7.495	0.061	0.23	7.440	0.031	0.12
NZJBZC	X	8.200	0.766	2.90	31.450	24.041	95.76

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
P3J2JW		7.250	-0.184	-0.70	7.200	-0.209	-0.83
P6VGDX		7.360	-0.074	-0.28	7.490	0.081	0.32
PQPMHE		7.700	0.266	1.01	7.600	0.191	0.76
Q6NNW2		7.350	-0.084	-0.32	7.460	0.051	0.20
QV2TVZ		7.125	-0.309	-1.17	7.125	-0.284	-1.13
R62X6R		7.225	-0.209	-0.79	7.215	-0.194	-0.77
RU2CV9		7.780	0.346	1.31	7.775	0.366	1.46
TAQFEX		7.255	-0.179	-0.68	7.130	-0.279	-1.11
TH22Z7	X	7.540	0.106	0.40	7.205	-0.204	-0.81
TVQVJR		7.220	-0.214	-0.81	7.215	-0.194	-0.77
TVTRLA		7.710	0.276	1.05	7.720	0.311	1.24
UFEMCW	*	8.245	0.811	3.07	8.162	0.753	3.00
ULGTQY		7.215	-0.219	-0.83	7.190	-0.219	-0.87
V98DH9	X	8.400	0.966	3.66	8.200	0.791	3.15
VN6M4T		7.600	0.166	0.63	7.600	0.191	0.76
VPZ66V		7.500	0.066	0.25	7.400	-0.009	-0.04
VYYZ26	*	7.550	0.116	0.44	7.700	0.291	1.16
W4TCHM		7.600	0.166	0.63	7.550	0.141	0.56
WEUKHT		7.370	-0.064	-0.24	7.340	-0.069	-0.27
WL9LJM		7.300	-0.134	-0.51	7.275	-0.134	-0.53
WLVWEP		7.440	0.006	0.02	7.390	-0.019	-0.08
WWCLCV		7.290	-0.144	-0.55	7.245	-0.164	-0.65
X6ZWZV	*	8.135	0.701	2.65	8.000	0.591	2.35
XC29VR		7.410	-0.024	-0.09	7.350	-0.059	-0.23
XP7CJ8		7.400	-0.034	-0.13	7.300	-0.109	-0.43
XTNNYN		7.500	0.066	0.25	7.400	-0.009	-0.04
Y3R4J2		7.430	-0.004	-0.02	7.400	-0.009	-0.04
Y7A7Q8		7.730	0.296	1.12	7.595	0.186	0.74
YRD4VL		7.400	-0.034	-0.13	7.490	0.081	0.32

Summary Statistics

Grand Means	7.4341 g/L as tartaric acid	7.4089 g/L as tartaric acid
Stnd Dev Btwn Labs	0.2640 g/L as tartaric acid	0.2511 g/L as tartaric acid

Statistics based on 90 of 99 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #904

HBMBE4 (X) - Inconsistent in testing between samples.

TH22Z7 (X) - Inconsistent in testing between samples.

NZJBZC (X) - Extreme data.

G2ZXUL (X) - Inconsistent in testing between samples, data for sample SA58 are low.

ME3E7G (X) - Inconsistent in testing between samples.

V98DH9 (X) - Data for both samples are high. Possible Systematic Error.

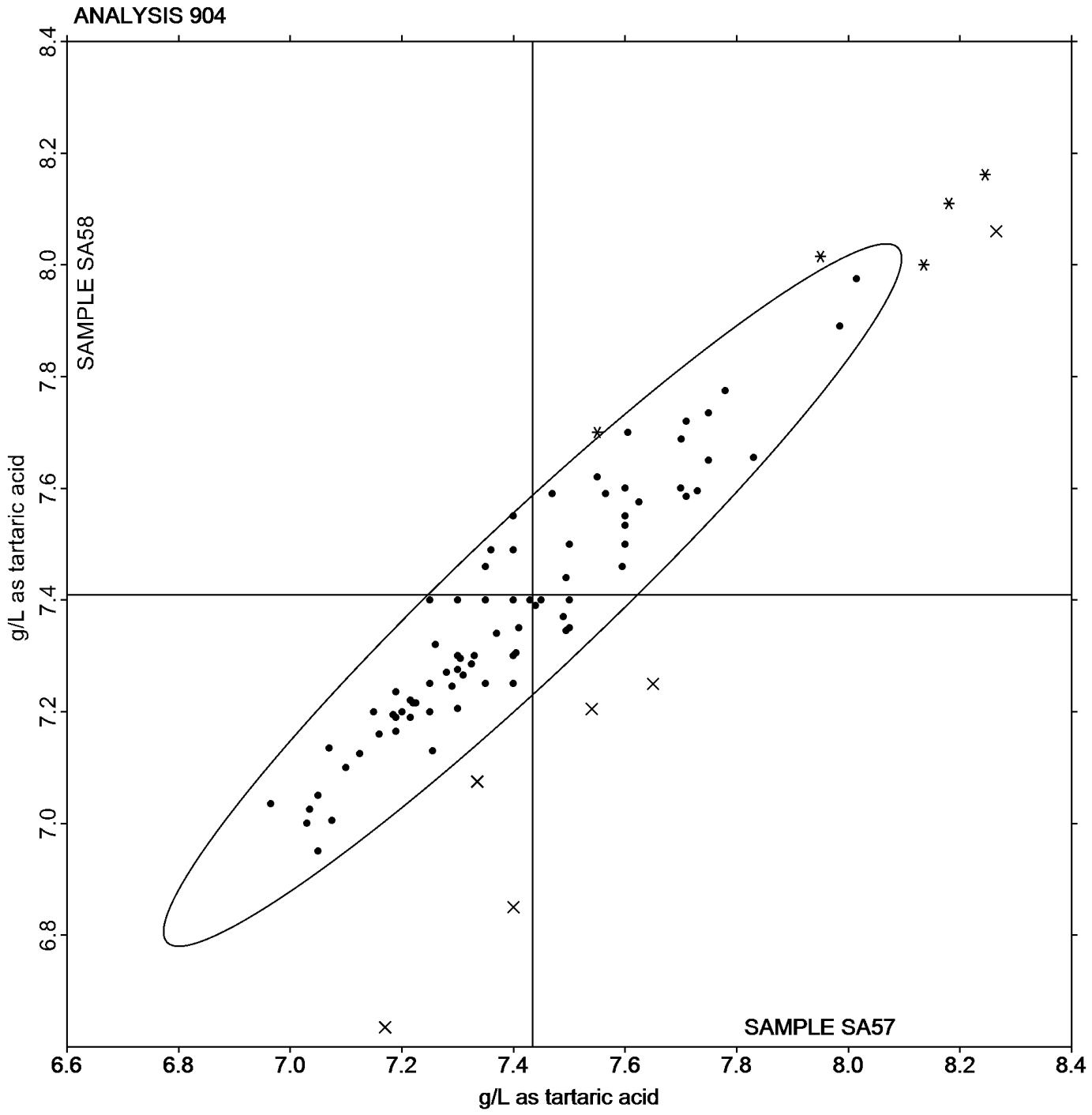
AHM32D (X) - Inconsistent in testing between samples, data for sample SA57 are high.

A23C3E (X) - Data for both samples are high. Possible Systematic Error.

HCTZD7 (X) - Inconsistent in testing between samples.

Results by Methodology (as reported by laboratory)

	Sample SA57 *White Zinfandel*			Sample SA58 *White Zinfandel*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Please specify method	7.775	0.247	0.341	7.783	0.329	0.374	2/2
Autotitration	7.451	0.274	0.017	7.420	0.256	0.011	65/74
Manual Titration	7.333	0.232	-0.101	7.335	0.231	-0.073	11/11
FTIR	7.394	0.192	-0.040	7.371	0.192	-0.038	11/11
Segmented Flow Analyzer	7.190	0.000	-0.244	7.190	0.000	-0.219	1/1



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4		0.2500	0.0083	0.39	0.2400	0.0100	0.47
2QNR3Q	X	0.4200	0.1783	8.39	0.4200	0.1900	9.03
2UM4YQ		0.2500	0.0083	0.39	0.2400	0.0100	0.47
37W374		0.2300	-0.0117	-0.55	0.2050	-0.0250	-1.19
3AGTUM		0.2450	0.0033	0.15	0.2500	0.0200	0.95
3KHH93		0.2435	0.0018	0.08	0.2145	-0.0155	-0.74
3NGT63		0.2400	-0.0017	-0.08	0.2400	0.0100	0.47
3TW2VM		0.2250	-0.0167	-0.79	0.2150	-0.0150	-0.71
42JHWW		0.2500	0.0083	0.39	0.2400	0.0100	0.47
4FZF2X		0.2620	0.0203	0.95	0.2420	0.0120	0.57
4JZQXX		0.2900	0.0483	2.27	0.2800	0.0500	2.37
4KCKFH		0.2400	-0.0017	-0.08	0.2300	0.0000	0.00
4ZRLAN	X	0.2650	0.0233	1.09	0.2150	-0.0150	-0.71
62FEMH		0.1965	-0.0452	-2.13	0.1785	-0.0515	-2.45
6FDJVF		0.2200	-0.0217	-1.02	0.2150	-0.0150	-0.71
6FWDPX		0.2800	0.0383	1.80	0.2600	0.0300	1.42
6GUGMF		0.2150	-0.0267	-1.26	0.2050	-0.0250	-1.19
6RBAU2		0.2350	-0.0067	-0.32	0.2300	0.0000	0.00
6VQW7L		0.2500	0.0083	0.39	0.2350	0.0050	0.24
782PFD		0.2550	0.0133	0.62	0.2500	0.0200	0.95
7NKMCX		0.2000	-0.0417	-1.97	0.1850	-0.0450	-2.14
8K4K6T	X	0.3400	0.0983	4.63	0.3150	0.0850	4.04
9KKY9W		0.2400	-0.0017	-0.08	0.2290	-0.0010	-0.05
9YH9UG		0.2350	-0.0067	-0.32	0.2200	-0.0100	-0.48
A23C3E	*	0.2050	-0.0367	-1.73	0.1800	-0.0500	-2.38
AB7MDB		0.2570	0.0153	0.72	0.2510	0.0210	1.00
AENR6D		0.1900	-0.0517	-2.44	0.1850	-0.0450	-2.14
AHM32D		0.2400	-0.0017	-0.08	0.2250	-0.0050	-0.24
AZ8TZD	X	0.3650	0.1233	5.80	0.3500	0.1200	5.70
BMGJQD		0.2550	0.0133	0.62	0.2300	0.0000	0.00
C2RLNR		0.2300	-0.0117	-0.55	0.2100	-0.0200	-0.95
CK8VNR		0.2400	-0.0017	-0.08	0.2300	0.0000	0.00
CPHMGE		0.2500	0.0083	0.39	0.2250	-0.0050	-0.24
CWWRQQ		0.2900	0.0483	2.27	0.2750	0.0450	2.14
DDMV9F	X	0.0400	-0.2017	-9.50	0.0400	-0.1900	-9.03

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
DFARG7		0.2400	-0.0017	-0.08	0.2300	0.0000	0.00
DJCDMQ		0.2150	-0.0267	-1.26	0.2100	-0.0200	-0.95
DJRW9A		0.2500	0.0083	0.39	0.2400	0.0100	0.47
DUABCC		0.2550	0.0133	0.62	0.2400	0.0100	0.47
DWD7VE		0.2450	0.0033	0.15	0.2400	0.0100	0.47
DXBJGL		0.2300	-0.0117	-0.55	0.2350	0.0050	0.24
EEQ868		0.2200	-0.0217	-1.02	0.2100	-0.0200	-0.95
FABYFM		0.2600	0.0183	0.86	0.2650	0.0350	1.66
FB7HGN	*	0.2950	0.0533	2.51	0.2650	0.0350	1.66
FUNCD6		0.2450	0.0033	0.15	0.2350	0.0050	0.24
G2ZXUL	*	0.3000	0.0583	2.74	0.2900	0.0600	2.85
G3BV84	X	0.0400	-0.2017	-9.50	0.0800	-0.1500	-7.13
G7WJMA		0.2510	0.0093	0.44	0.2360	0.0060	0.28
HAN8GL		0.2000	-0.0417	-1.97	0.1950	-0.0350	-1.66
HBMBE4		0.2350	-0.0067	-0.32	0.2200	-0.0100	-0.48
HCTZD7		0.2275	-0.0142	-0.67	0.2170	-0.0130	-0.62
J3YCV9		0.2200	-0.0217	-1.02	0.2150	-0.0150	-0.71
J6BRPA		0.2250	-0.0167	-0.79	0.2250	-0.0050	-0.24
J6Q9HG		0.2200	-0.0217	-1.02	0.2100	-0.0200	-0.95
JK3PQ6		0.2300	-0.0117	-0.55	0.2200	-0.0100	-0.48
JWXVK3		0.2300	-0.0117	-0.55	0.2100	-0.0200	-0.95
K33UT8		0.2250	-0.0167	-0.79	0.2150	-0.0150	-0.71
KM4836		0.2450	0.0033	0.15	0.2300	0.0000	0.00
KTQZD6	X	0.3900	0.1483	6.98	0.3950	0.1650	7.84
L62REJ		0.2600	0.0183	0.86	0.2450	0.0150	0.71
LVWKYJ		0.2450	0.0033	0.15	0.2350	0.0050	0.24
ME3E7G		0.2700	0.0283	1.33	0.2450	0.0150	0.71
MP36P3		0.2300	-0.0117	-0.55	0.2150	-0.0150	-0.71
MWM67F		0.2250	-0.0167	-0.79	0.2300	0.0000	0.00
NFAEH2		0.2550	0.0133	0.62	0.2500	0.0200	0.95
NJWVWF		0.2580	0.0163	0.77	0.2460	0.0160	0.76
NZJBZC	X	0.3150	0.0733	3.45	0.3250	0.0950	4.51
P3J2JW		0.2600	0.0183	0.86	0.2500	0.0200	0.95
P6VGDX		0.2400	-0.0017	-0.08	0.2200	-0.0100	-0.48
PQPMHE		0.2500	0.0083	0.39	0.2400	0.0100	0.47

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
Q6NNW2	X	0.1800	-0.0617	-2.91	0.2100	-0.0200	-0.95
QV2TVZ	X	0.1650	-0.0767	-3.61	0.2000	-0.0300	-1.43
R62X6R		0.2500	0.0083	0.39	0.2400	0.0100	0.47
RU2CV9		0.2400	-0.0017	-0.08	0.2250	-0.0050	-0.24
TAQFEX	X	0.3600	0.1183	5.57	0.3350	0.1050	4.99
TH22Z7		0.2560	0.0143	0.67	0.2435	0.0135	0.64
TVQVJR		0.2150	-0.0267	-1.26	0.2100	-0.0200	-0.95
TVTRLA		0.2400	-0.0017	-0.08	0.2250	-0.0050	-0.24
UFEMCW		0.2350	-0.0067	-0.32	0.2150	-0.0150	-0.71
ULGTQY		0.2500	0.0083	0.39	0.2200	-0.0100	-0.48
V98DH9		0.2500	0.0083	0.39	0.2300	0.0000	0.00
VN6M4T		0.2700	0.0283	1.33	0.2600	0.0300	1.42
VPZ66V		0.2200	-0.0217	-1.02	0.2050	-0.0250	-1.19
VYYZ26		0.2650	0.0233	1.09	0.2600	0.0300	1.42
W4TCHM		0.2350	-0.0067	-0.32	0.2300	0.0000	0.00
WEUKHT		0.2200	-0.0217	-1.02	0.2100	-0.0200	-0.95
WL9LJM		0.2500	0.0083	0.39	0.2200	-0.0100	-0.48
WLVWEP	X	0.4300	0.1883	8.86	0.4300	0.2000	9.50
WWCLCV		0.2350	-0.0067	-0.32	0.2300	0.0000	0.00
X6ZWZV		0.2300	-0.0117	-0.55	0.2250	-0.0050	-0.24
XC29VR		0.2500	0.0083	0.39	0.2300	0.0000	0.00
XP7CJ8		0.2500	0.0083	0.39	0.2350	0.0050	0.24
XTNNYN		0.2200	-0.0217	-1.02	0.2200	-0.0100	-0.48
Y3R4J2		0.2800	0.0383	1.80	0.2650	0.0350	1.66
Y7A7Q8		0.2450	0.0033	0.15	0.2500	0.0200	0.95
YRD4VL		0.2350	-0.0067	-0.32	0.2300	0.0000	0.00

Summary Statistics

Grand Means

0.24174 g/L as acetic acid — 0.23003 g/L as acetic acid

Stnd Dev Btwn Labs

0.02124 g/L as acetic acid — 0.02104 g/L as acetic acid

Statistics based on 84 of 96 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #905

G3BV84 (X) - Data for both samples are low.

NZJBZC (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample SA58.

8K4K6T (X) - Data for both samples are high. Possible Systematic Error.

WLVWEP (X) - Data for both samples are high.

AZ8TZD (X) - Data for both samples are high. Possible Systematic Error.

KTQZD6 (X) - Data for both samples are high. Possible Systematic Error.

TAQFEX (X) - Data for both samples are high. Possible Systematic Error.

QV2TVZ (X) - Inconsistent in testing between samples, data for sample SA57 are low.

Q6NNW2 (X) - Inconsistent in testing between samples, data for sample SA57 are low.

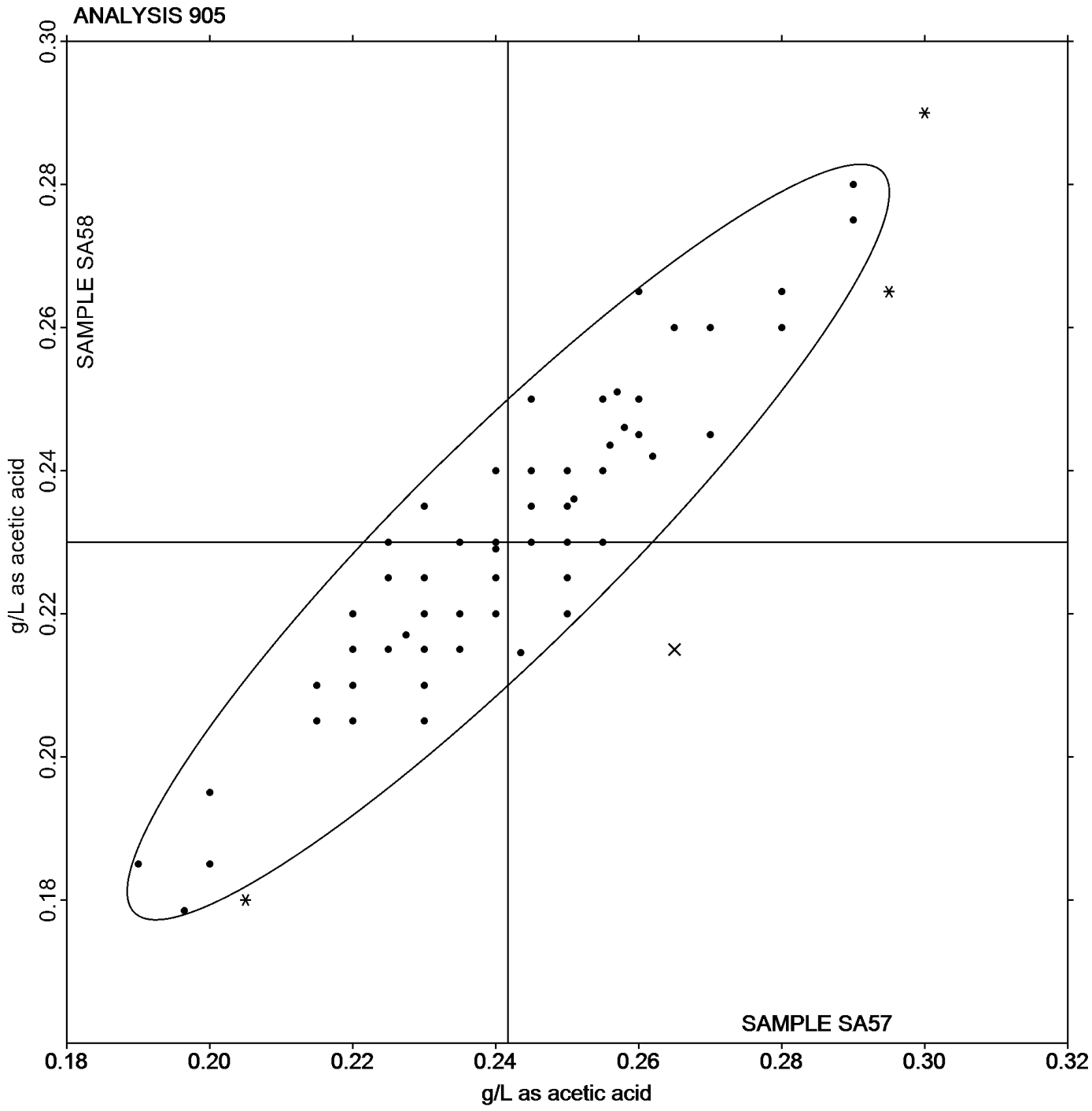
2QNR3Q (X) - Data for both samples are high.

4ZRLAN (X) - Inconsistent in testing between samples.

DDMV9F (X) - Data for both samples are low.

Results by Methodology (as reported by laboratory)

	Sample SA57 *White Zinfandel*			Sample SA58 *White Zinfandel*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Please specify method	0.240	0.021	-0.0017	0.238	0.018	0.0075	2/3
Cash Still method							0/3
Enzymatic method	0.244	0.020	0.0020	0.233	0.020	0.0025	66/73
GC	0.240	0.000	-0.0017	0.225	0.000	-0.0050	1/1
Colorimetric Analysis	0.253	0.004	0.0113	0.242	0.002	0.0117	2/2
Seg. Flow / Colorimetric Analyzer	0.250	0.000	0.0083	0.240	0.000	0.0100	1/2
FTIR	0.228	0.026	-0.0133	0.213	0.025	-0.0172	12/12



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4		1.013	0.000	0.49	1.014	0.001	0.77
37W374		1.014	0.001	1.38	1.015	0.001	1.54
3AGTUM	*	1.014	0.001	1.58	1.014	0.000	0.49
3KHH93		1.013	0.000	0.15	1.014	0.001	0.91
3NGT63		1.013	0.000	0.24	1.013	0.000	-0.02
3R2JTL		1.013	0.000	0.49	1.014	0.000	0.63
3TW2VM		1.013	0.001	0.75	1.014	0.000	0.68
42JHWW		1.011	-0.002	-2.61	1.012	-0.001	-2.03
4FZF2X		1.013	0.000	-0.17	1.014	0.000	0.13
4JZQXX		1.013	0.000	0.02	1.013	0.000	-0.14
4KCKFH		1.013	0.000	0.49	1.014	0.001	0.77
4ZRLAN		1.013	0.000	0.34	1.014	0.000	0.24
62FEMH	X	1.010	-0.003	-3.96	1.010	-0.003	-4.34
6FDJVF	*	1.013	0.000	0.47	1.013	0.000	-0.70
6FWDPX		1.013	0.000	0.36	1.014	0.000	0.49
6GUGMF		1.013	0.001	0.76	1.014	0.001	1.05
6RBAU2		1.013	0.000	0.37	1.013	0.000	-0.04
6VQW7L	X	1.013	0.000	0.41	1.032	0.018	25.68
782PFD		1.013	0.001	1.03	1.014	0.001	0.91
7NKMCX	X	0.998	-0.014	-19.56	1.054	0.040	56.08
8K4K6T		1.013	0.000	0.47	1.014	0.000	0.53
94DVRB		1.013	0.000	0.25	1.014	0.000	0.25
9KKY9W		1.014	0.001	1.37	1.015	0.001	1.68
9YH9UG		1.013	0.001	0.74	1.014	0.000	0.36
A23C3E		1.011	-0.001	-1.94	1.012	-0.001	-1.89
AB7MDB		1.013	0.000	0.49	1.014	0.000	0.44
AENR6D		1.012	-0.001	-1.20	1.013	-0.001	-1.26
AHM32D		1.013	0.001	0.76	1.014	0.000	0.49
AZ8TZD		1.013	0.001	0.90	1.014	0.001	1.12
BQD6HF		1.011	-0.001	-1.80	1.012	-0.001	-1.61
C2RLNR		1.013	0.000	0.36	1.014	0.000	0.56
CPHMGE		1.011	-0.001	-2.01	1.012	-0.001	-2.03
DDMV9F	X	2.750	1.737	2,345.25	3.150	2.137	2,988.46
DJRW9A		1.013	0.001	0.76	1.014	0.000	0.56
DUABCC		1.013	0.000	0.61	1.014	0.000	0.68

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
DWD7VE	X	1.010	-0.003	-3.69	1.011	-0.003	-3.71
EEQ868		1.013	0.000	0.49	1.014	0.000	0.49
FABYFM		1.013	0.000	0.57	1.014	0.000	0.64
FB7HGN		1.013	0.000	0.29	1.014	0.000	0.14
FUNCD6		1.013	0.000	0.37	1.014	0.000	0.46
G2ZXUL		1.012	-0.001	-0.79	1.013	-0.001	-0.98
G7WJMA		1.012	0.000	-0.32	1.014	0.000	0.21
H786AG		1.013	0.000	0.41	1.014	0.000	0.49
HAN8GL		1.013	0.000	0.57	1.014	0.000	0.63
HCTZD7		1.014	0.001	1.58	1.015	0.001	1.61
J3YCV9		1.013	0.000	0.63	1.014	0.000	0.49
J6Q9HG		1.013	0.000	0.42	1.014	0.001	0.77
JK3PQ6		1.013	0.000	0.43	1.014	0.000	0.56
JWXVK3		1.011	-0.002	-2.21	1.012	-0.001	-2.03
K33UT8		1.013	0.000	0.09	1.014	0.000	0.07
KM4836		1.013	0.000	0.49	1.014	0.001	0.91
KTQZD6		1.013	0.000	0.36	1.014	0.000	0.49
L62REJ		1.013	0.000	0.53	1.014	0.000	0.58
LVWKYJ	X	1.014	0.001	1.44	1.013	0.000	-0.07
MP36P3		1.013	0.000	-0.18	1.013	0.000	-0.21
MWM67F		1.013	0.000	0.36	1.014	0.000	0.49
NFAEH2		1.013	0.000	0.36	1.014	0.000	0.49
NJWVWF	X	1.031	0.019	25.20	1.014	0.000	0.49
P3J2JW		1.013	0.001	0.90	1.014	0.001	0.84
PQPMHE		1.013	0.000	0.49	1.014	0.000	0.21
Q6NNW2		1.011	-0.001	-1.94	1.012	-0.001	-1.89
R62X6R		1.011	-0.002	-2.21	1.012	-0.002	-2.17
RU2CV9		1.012	-0.001	-0.88	1.012	-0.001	-1.68
TAQFEX		1.013	0.000	0.63	1.014	0.001	0.73
TH22Z7		1.013	0.000	0.47	1.014	0.000	0.54
TVQVJR		1.012	-0.001	-0.93	1.013	-0.001	-0.91
TVTRLA		1.012	0.000	-0.43	1.013	0.000	-0.37
UFEMCW		1.013	0.000	0.56	1.014	0.000	0.63
V98DH9	X	1.012	-0.001	-1.38	1.006	-0.008	-11.03
VN6M4T		1.013	0.000	0.41	1.014	0.000	0.53

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
VPZ66V		1.014	0.001	1.30	1.014	0.001	1.26
VYYZ26		1.013	0.000	0.55	1.014	0.000	0.59
W4TCHM		1.013	0.000	0.49	1.014	0.001	0.77
WEUKHT		1.013	0.000	0.36	1.014	0.000	0.49
WL9LJM		1.013	0.000	0.31	1.014	0.000	0.38
WWCLCV		1.013	0.000	0.49	1.014	0.001	0.77
XC29VR	X	1.009	-0.003	-4.37	1.010	-0.004	-5.46
XP7CJ8		1.012	0.000	-0.39	1.013	0.000	-0.35
XTNNYN		1.011	-0.002	-2.88	1.012	-0.002	-2.73
Y3R4J2	X	0.015	-0.998	-1,347.37	0.015	-0.998	-1,396.01
Y7A7Q8		1.011	-0.001	-1.94	1.012	-0.001	-1.89
YRD4VL		1.013	0.000	0.49	1.014	0.000	0.63

Summary Statistics

	Sample SA57	Sample SA58
Grand Means	1.0126 sp gr 20/20 C	1.0135 sp gr 20/20 C
Stnd Dev Btwn Labs	0.0007 sp gr 20/20 C	0.0007 sp gr 20/20 C

Statistics based on 72 of 82 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #906

Y3R4J2 (X) - Extreme data.

NJWVWF (X) - Data for sample SA57 are high.

V98DH9 (X) - Data for sample SA58 are low. Inconsistent within the determinations of sample SA58.

7NKMCX (X) - Inconsistent in testing between samples. Data for sample SA57 are low and data for sample SA58 are high. Inconsistent within the determinations of both samples.

LVWKYJ (X) - Inconsistent in testing between samples.

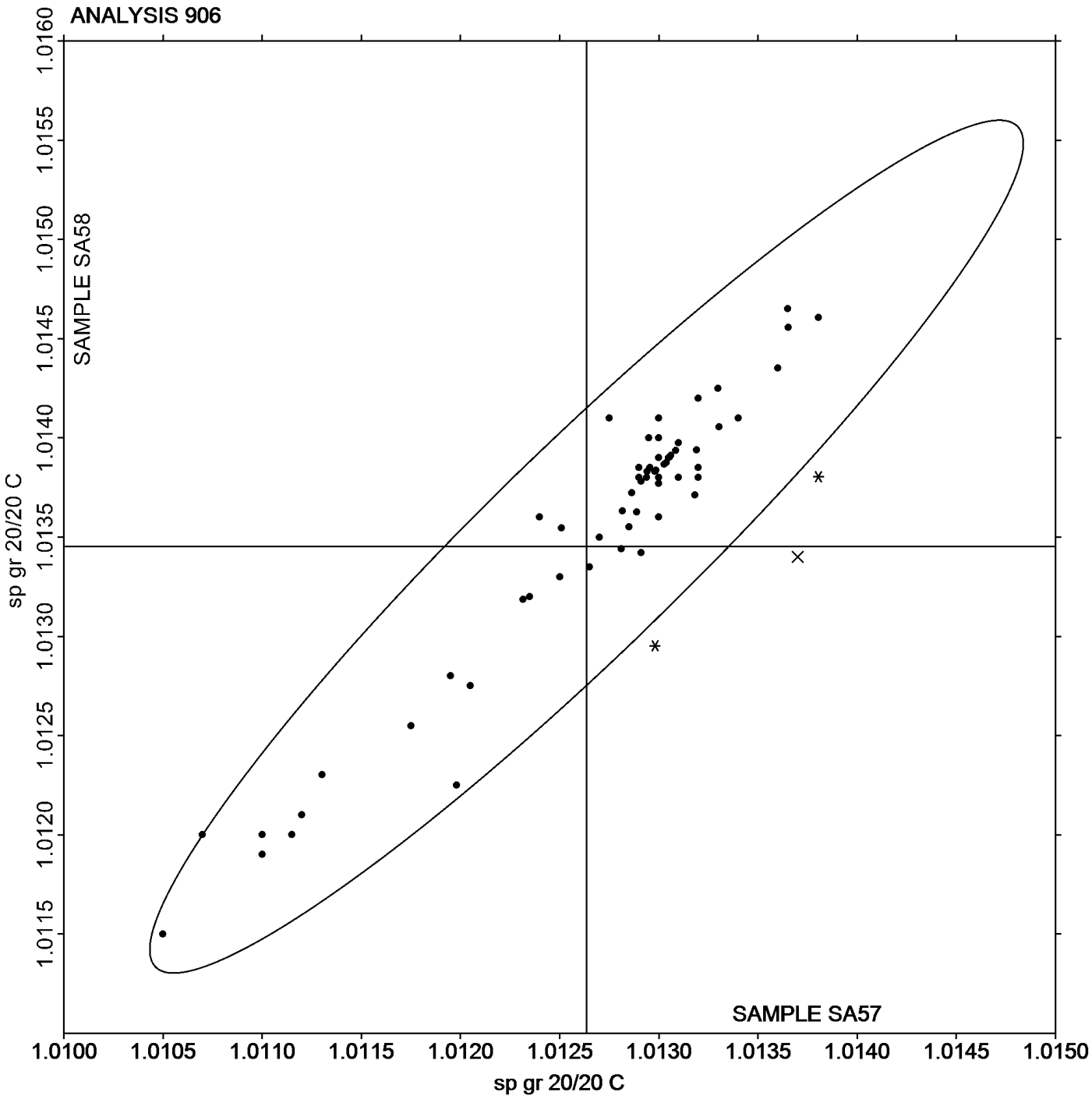
62FEMH (X) - Data for both samples are low.

XC29VR (X) - Data for both samples are low.

6VQW7L (X) - Data for sample SA58 are high.

DDMV9F (X) - Extreme data.

DWD7VE (X) - Data for both samples are low.



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4		3.195	0.025	0.91	3.195	0.014	0.50
2QNR3Q	X	3.080	-0.090	-3.36	3.100	-0.081	-2.87
2UM4YQ		3.180	0.010	0.36	3.190	0.009	0.33
37W374		3.190	0.020	0.73	3.200	0.019	0.68
3AGTUM		3.135	-0.035	-1.32	3.130	-0.051	-1.80
3KHH93		3.207	0.037	1.36	3.219	0.038	1.34
3NGT63		3.155	-0.015	-0.57	3.160	-0.021	-0.74
3R2JTL		3.145	-0.025	-0.94	3.170	-0.011	-0.38
3TW2VM		3.130	-0.040	-1.50	3.135	-0.046	-1.63
42JHWW		3.150	-0.020	-0.76	3.170	-0.011	-0.38
4FZF2X		3.170	0.000	-0.01	3.185	0.004	0.15
4JZQXX		3.160	-0.010	-0.39	3.165	-0.016	-0.56
4KCKFH		3.165	-0.005	-0.20	3.185	0.004	0.15
4ZRLAN		3.170	0.000	-0.01	3.175	-0.006	-0.21
62FEMH		3.130	-0.040	-1.50	3.130	-0.051	-1.80
6FDJVF		3.150	-0.020	-0.76	3.160	-0.021	-0.74
6FWDPX		3.165	-0.005	-0.20	3.170	-0.011	-0.38
6GUGMF		3.160	-0.010	-0.39	3.175	-0.006	-0.21
6RBAU2		3.200	0.030	1.10	3.210	0.029	1.04
6VQW7L		3.150	-0.020	-0.76	3.170	-0.011	-0.38
782PFD		3.140	-0.030	-1.13	3.150	-0.031	-1.09
7NKMCX	X	3.000	-0.170	-6.33	3.010	-0.171	-6.07
9KKY9W		3.168	-0.002	-0.09	3.182	0.001	0.02
9YH9UG		3.125	-0.046	-1.71	3.138	-0.043	-1.52
A23C3E	X	3.255	0.085	3.14	3.280	0.099	3.52
AB7MDB		3.182	0.012	0.43	3.201	0.020	0.72
AENR6D		3.160	-0.010	-0.39	3.180	-0.001	-0.03
AHM32D	X	3.275	0.105	3.89	3.224	0.043	1.52
AZ8TZD		3.160	-0.010	-0.39	3.170	-0.011	-0.38
BMGJQD		3.150	-0.020	-0.76	3.160	-0.021	-0.74
BQD6HF		3.175	0.005	0.17	3.205	0.024	0.86
C2RLNR		3.195	0.025	0.91	3.205	0.024	0.86
CK8VNR		3.145	-0.025	-0.94	3.175	-0.006	-0.21
CPHMGE		3.160	-0.010	-0.39	3.170	-0.011	-0.38
CWWRQQ		3.170	0.000	-0.01	3.180	-0.001	-0.03

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
DDMV9F		3.150	-0.020	-0.76	3.160	-0.021	-0.74
DFARG7		3.170	0.000	-0.01	3.160	-0.021	-0.74
DJCDMQ		3.155	-0.015	-0.57	3.145	-0.036	-1.27
DJRW9A		3.170	0.000	-0.01	3.180	-0.001	-0.03
DUABCC		3.170	0.000	-0.01	3.180	-0.001	-0.03
DWD7VE		3.185	0.015	0.54	3.180	-0.001	-0.03
DXBJGL	*	3.185	0.015	0.54	3.220	0.039	1.39
EEQ868		3.130	-0.040	-1.50	3.150	-0.031	-1.09
FABYFM		3.190	0.020	0.73	3.200	0.019	0.68
FB7HGN		3.170	0.000	-0.01	3.185	0.004	0.15
FUNCD6		3.140	-0.030	-1.13	3.140	-0.041	-1.45
G2ZXUL		3.175	0.005	0.17	3.190	0.009	0.33
G3BV84		3.160	-0.010	-0.39	3.170	-0.011	-0.38
G7WJMA		3.185	0.015	0.54	3.200	0.019	0.68
H786AG		3.170	0.000	-0.01	3.180	-0.001	-0.03
HAN8GL		3.150	-0.020	-0.76	3.160	-0.021	-0.74
HBMBE4		3.155	-0.015	-0.57	3.165	-0.016	-0.56
HCTZD7		3.150	-0.020	-0.76	3.160	-0.021	-0.74
J3YCV9		3.185	0.015	0.54	3.200	0.019	0.68
J6BRPA		3.160	-0.010	-0.39	3.180	-0.001	-0.03
J6Q9HG	X	3.400	0.230	8.53	3.600	0.419	14.89
JK3PQ6		3.160	-0.010	-0.39	3.180	-0.001	-0.03
JWXVK3	*	3.250	0.080	2.96	3.265	0.084	2.99
K33UT8		3.180	0.010	0.36	3.190	0.009	0.33
KM4836	*	3.160	-0.010	-0.39	3.145	-0.036	-1.27
KTQZD6	X	3.050	-0.120	-4.47	3.060	-0.121	-4.29
L62REJ	X	3.275	0.105	3.89	3.285	0.104	3.70
LVWKYJ		3.170	0.000	-0.01	3.170	-0.011	-0.38
ME3E7G		3.180	0.010	0.36	3.200	0.019	0.68
MP36P3		3.215	0.045	1.66	3.215	0.034	1.21
MWM67F		3.140	-0.030	-1.13	3.150	-0.031	-1.09
NFAEH2		3.160	-0.010	-0.39	3.170	-0.011	-0.38
NJWVWF		3.180	0.010	0.36	3.190	0.009	0.33
NZJBZC		3.145	-0.025	-0.94	3.160	-0.021	-0.74
P3J2JW		3.215	0.045	1.66	3.220	0.039	1.39

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
P6VGDX		3.160	-0.010	-0.39	3.160	-0.021	-0.74
PQPMHE		3.150	-0.020	-0.76	3.160	-0.021	-0.74
Q6NNW2		3.130	-0.040	-1.50	3.140	-0.041	-1.45
QV2TVZ		3.200	0.030	1.10	3.200	0.019	0.68
R62X6R		3.155	-0.015	-0.57	3.170	-0.011	-0.38
RU2CV9		3.200	0.030	1.10	3.195	0.014	0.50
TAQFEX		3.195	0.025	0.91	3.205	0.024	0.86
TH22Z7		3.186	0.015	0.56	3.199	0.018	0.65
TVQVJR		3.140	-0.030	-1.13	3.150	-0.031	-1.09
TVTRLA		3.230	0.060	2.21	3.250	0.069	2.46
UFEMCW		3.153	-0.017	-0.65	3.154	-0.027	-0.95
ULGTQY	X	3.245	0.075	2.77	3.280	0.099	3.52
V98DH9		3.180	0.010	0.36	3.200	0.019	0.68
VN6M4T		3.200	0.030	1.10	3.200	0.019	0.68
VPZ66V		3.210	0.040	1.47	3.220	0.039	1.39
VYYZ26	X	3.150	-0.020	-0.76	3.095	-0.086	-3.05
W4TCHM		3.210	0.040	1.47	3.220	0.039	1.39
WEUKHT		3.150	-0.020	-0.76	3.160	-0.021	-0.74
WL9LJM		3.185	0.015	0.54	3.180	-0.001	-0.03
WLVWEP		3.190	0.020	0.73	3.200	0.019	0.68
WWCLCV		3.150	-0.020	-0.76	3.160	-0.021	-0.74
X6ZWZV		3.165	-0.005	-0.20	3.190	0.009	0.33
XC29VR		3.235	0.065	2.40	3.245	0.064	2.28
XP7CJ8		3.210	0.040	1.47	3.230	0.049	1.75
XTNNYN		3.200	0.030	1.10	3.215	0.034	1.21
Y3R4J2		3.220	0.050	1.84	3.230	0.049	1.75
Y7A7Q8	*	3.095	-0.075	-2.80	3.110	-0.071	-2.51
YRD4VL		3.170	0.000	-0.01	3.180	-0.001	-0.03

Summary Statistics		
Grand Means	3.1704 pH	3.1808 pH
Stnd Dev Btwn Labs	0.0269 pH	0.0282 pH

Statistics based on 89 of 98 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #907

J6Q9HG (X) - Data for both samples are high. Possible Systematic Error.

VYYZ26 (X) - Inconsistent in testing between samples, data for sample SA58 are low.

7NKMCX (X) - Data for both samples are low. Possible Systematic Error.

L62REJ (X) - Data for both samples are high. Possible Systematic Error.

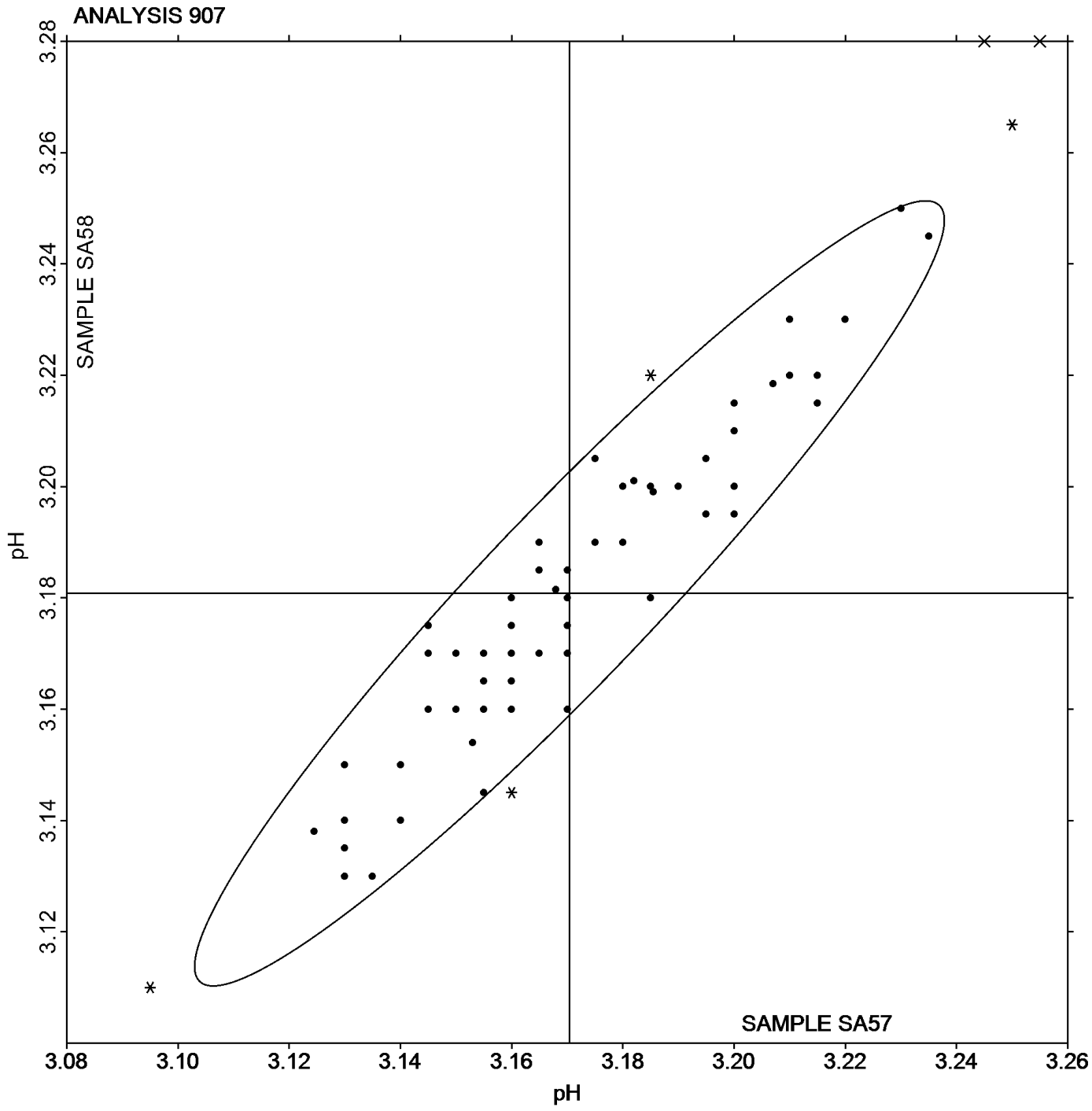
AHM32D (X) - Inconsistent in testing between samples, data for sample SA57 are high. Inconsistent within the determinations of both samples.

A23C3E (X) - Data for both samples are high. Possible Systematic Error.

KTQZD6 (X) - Data for both samples are low. Possible Systematic Error.

2QNR3Q (X) - Data for both samples are low. Possible Systematic Error.

ULGTQY (X) - Data for both samples are high. Possible Systematic Error.



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4	X	57.40	19.80	10.33	59.40	19.88	9.88
3AGTUM	X	8.43	-29.17	-15.22	9.26	-30.26	-15.04
3TW2VM		36.75	-0.85	-0.44	38.45	-1.07	-0.53
62FEMH		41.35	3.75	1.96	43.50	3.98	1.98
6FDJVF		37.00	-0.60	-0.31	40.00	0.48	0.24
6VQW7L	X	38.75	1.15	0.60	37.77	-1.75	-0.87
7NKMCX		38.75	1.15	0.60	40.80	1.28	0.64
8K4K6T		36.55	-1.05	-0.55	37.70	-1.82	-0.91
DJCDMQ		37.05	-0.55	-0.29	39.00	-0.52	-0.26
DWD7VE		36.60	-1.00	-0.52	38.30	-1.22	-0.61
EEQ868		34.40	-3.20	-1.67	36.40	-3.12	-1.55
FB7HGN		38.50	0.90	0.47	39.50	-0.02	-0.01
H786AG		36.62	-0.98	-0.51	38.53	-0.99	-0.49
HAN8GL		39.95	2.35	1.23	42.20	2.68	1.33
KTQZD6		41.00	3.40	1.77	43.10	3.58	1.78
MWM67F		35.42	-2.18	-1.14	37.65	-1.88	-0.93
Q6NNW2		36.33	-1.27	-0.66	37.95	-1.57	-0.78
TAQFEX		36.60	-1.00	-0.52	38.40	-1.12	-0.56
TVTRLA		36.29	-1.31	-0.68	38.34	-1.19	-0.59
VN6M4T		37.70	0.10	0.05	39.70	0.18	0.09
Y3R4J2		39.92	2.32	1.21	41.87	2.34	1.17

Summary Statistics

	Sample SA57	Sample SA58
Grand Means	37.598 g/L	39.521 g/L
Stnd Dev Btwn Labs	1.917 g/L	2.012 g/L

Statistics based on 18 of 21 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #908

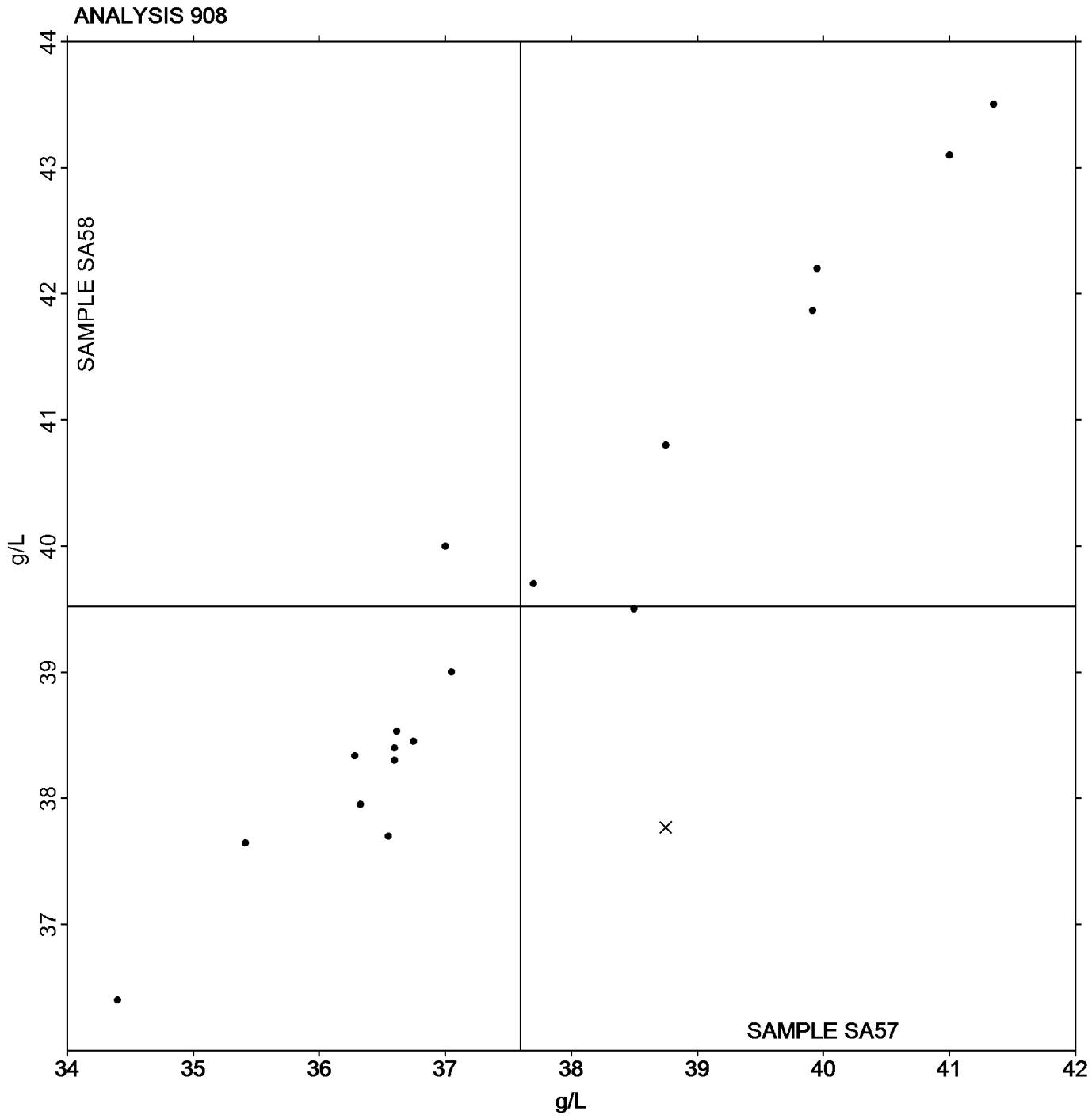
2CNQN4 (X) - Data for both samples are high. Inconsistent within the determinations of sample SA57.

3AGTUM (X) - Extreme data.

6VQW7L (X) - Inconsistent in testing between samples.

Results by Methodology (as reported by laboratory)

Test Methodology	Sample SA57 *White Zinfandel* Group Mean	Btwn Lab STD	Diff from GM	Sample SA58 *White Zinfandel* Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Please specify method used	37.000	0.000	-0.60	40.000	0.000	0.48	1/1
Cu Reduction Method	36.465	0.191	-1.13	38.175	0.318	-1.35	2/2
Segmented Flow	36.583	0.046	-1.02	38.115	0.587	-1.41	2/2
FTIR	38.113	1.398	0.51	39.981	1.487	0.46	8/10
Other	37.753	3.222	0.16	39.789	3.280	0.27	5/6



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot.

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4		2.625	-0.184	-1.74	2.720	-0.163	-1.46
2UM4YQ		2.810	0.001	0.01	2.880	-0.003	-0.02
37W374		3.040	0.231	2.20	3.160	0.277	2.49
3AGTUM	X	2.815	0.006	0.06	2.710	-0.173	-1.55
3KHH93		2.893	0.084	0.80	2.929	0.046	0.41
3NGT63		2.900	0.091	0.87	3.000	0.117	1.06
3TW2VM		2.870	0.061	0.58	2.910	0.027	0.25
42JHWW		2.857	0.048	0.46	2.889	0.006	0.05
4FZF2X	X	3.189	0.380	3.61	3.383	0.500	4.50
4JZQXX		2.701	-0.108	-1.02	2.774	-0.109	-0.98
4KCKFH		2.871	0.062	0.59	2.966	0.083	0.75
6FDJVF	*	2.787	-0.022	-0.20	2.978	0.095	0.86
6FWDPX		2.952	0.143	1.36	2.977	0.094	0.84
6GUGMF		2.790	-0.019	-0.18	2.865	-0.018	-0.16
6RBAU2	X	2.730	-0.079	-0.75	2.965	0.082	0.74
6VQW7L		2.950	0.141	1.34	2.955	0.072	0.65
782PFD		2.780	-0.029	-0.27	2.855	-0.028	-0.25
7NKMCX		2.595	-0.214	-2.03	2.665	-0.218	-1.96
9KKY9W	*	2.973	0.164	1.56	2.948	0.065	0.59
9YH9UG		2.765	-0.044	-0.41	2.870	-0.013	-0.11
A23C3E		2.780	-0.029	-0.27	2.810	-0.073	-0.65
AB7MDB		2.943	0.134	1.27	3.027	0.144	1.29
AENR6D		2.954	0.145	1.38	2.997	0.114	1.02
AHM32D		2.802	-0.007	-0.07	2.860	-0.022	-0.20
AZ8TZD		2.725	-0.084	-0.79	2.755	-0.128	-1.15
BMGJQD		2.785	-0.024	-0.22	2.880	-0.003	-0.02
C2RLNR		2.855	0.046	0.44	2.960	0.077	0.70
CK8VNR		2.664	-0.145	-1.38	2.712	-0.171	-1.54
CPHMGE	X	3.000	0.191	1.82	2.880	-0.003	-0.02
CWWRQQ		2.660	-0.149	-1.41	2.800	-0.083	-0.74
DDMV9F	X	2.780	-0.029	-0.27	2.595	-0.288	-2.59
DFARG7		2.900	0.091	0.87	3.000	0.117	1.06
DJCDMQ		2.625	-0.184	-1.74	2.725	-0.158	-1.42
DJRW9A		2.855	0.046	0.44	2.925	0.042	0.38
DWD7VE		2.720	-0.089	-0.84	2.700	-0.183	-1.64

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
DXBJGL	X	1.900	-0.909	-8.63	1.900	-0.983	-8.84
EEQ868		2.780	-0.029	-0.27	2.910	0.027	0.25
FABYFM	X	2.245	-0.564	-5.35	2.360	-0.523	-4.70
FB7HGN		2.925	0.116	1.11	2.915	0.032	0.29
FUNCD6		2.993	0.184	1.75	3.056	0.173	1.55
G2ZXUL		2.658	-0.151	-1.43	2.714	-0.169	-1.52
G3BV84	*	2.508	-0.301	-2.85	2.605	-0.278	-2.50
G7WJMA		2.820	0.011	0.11	2.939	0.056	0.50
HAN8GL		2.805	-0.004	-0.03	2.805	-0.078	-0.70
HBMBE4		2.878	0.069	0.66	2.941	0.058	0.52
HCTZD7		2.725	-0.084	-0.79	2.810	-0.073	-0.65
J3YCV9		2.725	-0.084	-0.79	2.805	-0.078	-0.70
J6BRPA		2.685	-0.124	-1.17	2.770	-0.113	-1.01
J6Q9HG		2.910	0.101	0.96	2.980	0.097	0.88
JK3PQ6		2.750	-0.059	-0.56	2.880	-0.003	-0.02
JWXVK3		2.805	-0.004	-0.03	2.935	0.052	0.47
K33UT8		2.675	-0.134	-1.27	2.735	-0.148	-1.33
KTQZD6		2.865	0.056	0.54	2.975	0.092	0.83
L62REJ		3.050	0.241	2.29	3.125	0.242	2.18
LVWKYJ		2.911	0.102	0.97	3.003	0.120	1.08
ME3E7G		2.925	0.116	1.11	2.980	0.097	0.88
MP36P3		2.805	-0.004	-0.03	2.910	0.027	0.25
MWM67F		2.873	0.064	0.61	2.950	0.067	0.60
NJWVWF		2.801	-0.008	-0.08	2.853	-0.030	-0.27
NZJBZC		2.930	0.121	1.15	2.999	0.116	1.05
P3J2JW		2.820	0.011	0.11	2.850	-0.033	-0.29
P6VGDX		2.870	0.061	0.58	2.940	0.057	0.52
PQPMHE		2.852	0.043	0.41	2.883	0.000	0.00
Q6NNW2	X	1.900	-0.909	-8.63	3.010	0.127	1.15
QV2TVZ		2.885	0.076	0.73	3.050	0.167	1.51
R62X6R		2.915	0.106	1.01	3.020	0.137	1.24
RU2CV9		2.730	-0.079	-0.75	2.775	-0.108	-0.97
TAQFEX	X	1.685	-1.124	-10.67	1.600	-1.283	-11.54
TH22Z7		2.892	0.083	0.79	2.953	0.070	0.63
TVQVJR		2.830	0.021	0.20	2.895	0.012	0.11

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
TVTRLA		2.710	-0.099	-0.94	2.810	-0.073	-0.65
UFEMCW		2.770	-0.039	-0.37	2.750	-0.133	-1.19
ULGTQY		2.775	-0.034	-0.32	2.860	-0.023	-0.20
V98DH9		2.650	-0.159	-1.51	2.650	-0.233	-2.09
VN6M4T	*	2.770	-0.039	-0.37	2.965	0.082	0.74
VPZ66V		2.845	0.036	0.35	2.935	0.052	0.47
VYYZ26		2.880	0.071	0.68	2.945	0.062	0.56
W4TCHM	X	3.300	0.491	4.67	3.350	0.467	4.20
WL9LJM		2.700	-0.109	-1.03	2.750	-0.133	-1.19
WLVWEP		2.670	-0.139	-1.32	2.700	-0.183	-1.64
WWCLCV		2.795	-0.014	-0.13	2.840	-0.043	-0.38
X6ZWZV		2.805	-0.004	-0.03	2.950	0.067	0.61
XC29VR		2.825	0.016	0.16	2.940	0.057	0.52
XP7CJ8		2.725	-0.084	-0.79	2.810	-0.073	-0.65
XTNNYN		2.775	-0.034	-0.32	2.800	-0.083	-0.74
Y7A7Q8		2.750	-0.059	-0.56	2.915	0.032	0.29
YRD4VL		2.795	-0.014	-0.13	2.905	0.022	0.20

Summary Statistics

	Sample SA57	Sample SA58
Grand Means	2.8086 g/L	2.8827 g/L
Stnd Dev Btwn Labs	0.1053 g/L	0.1111 g/L

Statistics based on 77 of 87 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #909

W4TCHM (X) - Data for both samples are high. Possible Systematic Error.

DXBJGL (X) - Data for both samples are low.

4FZF2X (X) - Data for both samples are high. Possible Systematic Error.

FABYFM (X) - Data for both samples are low. Possible Systematic Error.

6RBAU2 (X) - Inconsistent in testing between samples.

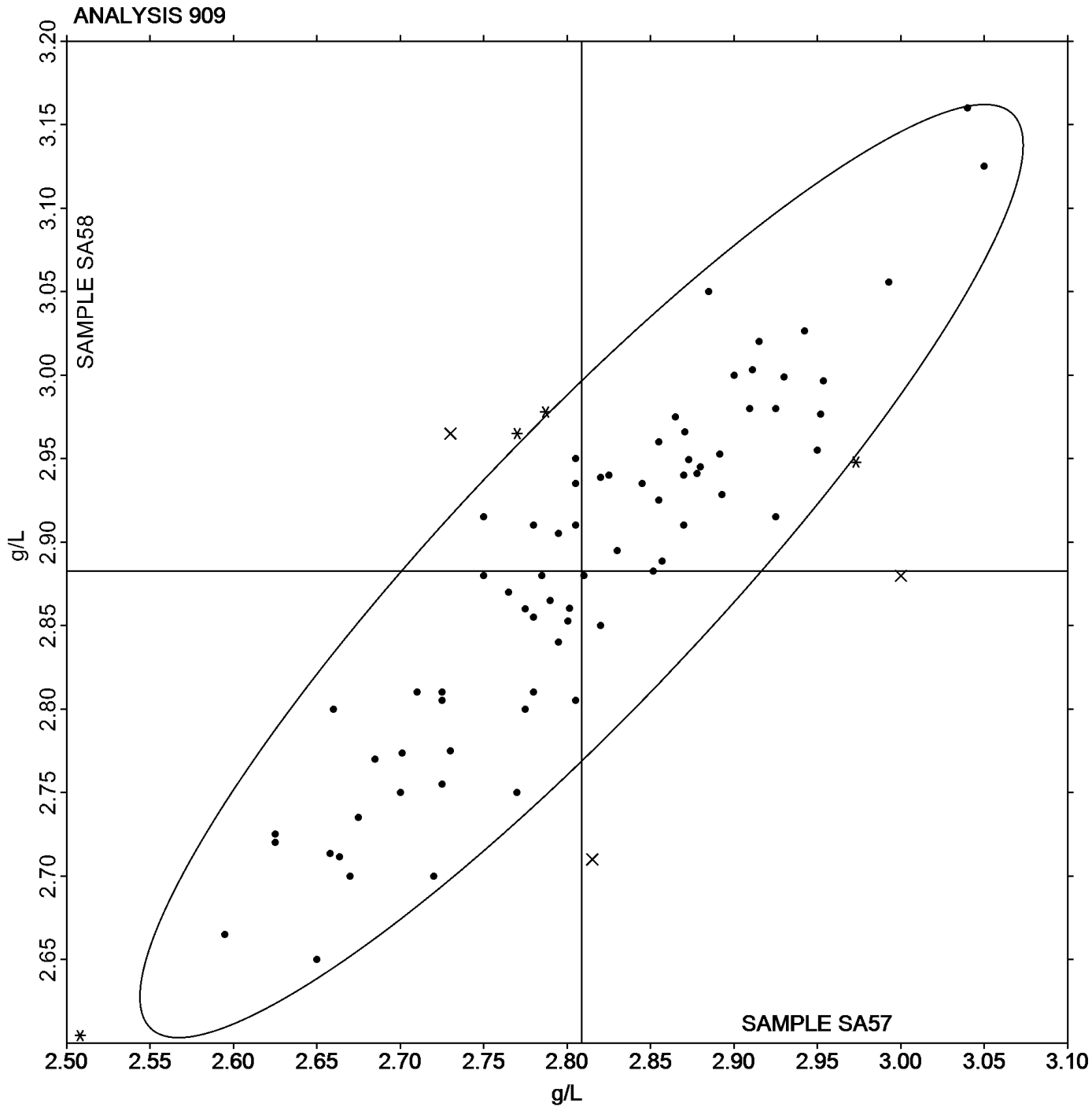
3AGTUM (X) - Inconsistent in testing between samples.

TAQFEX (X) - Data for both samples are low.

CPHMGE (X) - Inconsistent in testing between samples.

Q6NNW2 (X) - Inconsistent in testing between samples, data for sample SA57 are low.

DDMV9F (X) - Inconsistent in testing between samples.



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4		36.10	-0.64	-0.42	38.00	-0.67	-0.42
2QNR3Q		39.00	2.26	1.48	40.30	1.63	1.04
2UM4YQ		36.31	-0.43	-0.28	37.76	-0.91	-0.58
37W374		37.08	0.34	0.22	39.00	0.33	0.21
3KHH93		35.62	-1.12	-0.73	37.30	-1.37	-0.87
3NGT63		35.75	-0.99	-0.64	37.95	-0.72	-0.46
3TW2VM	*	41.05	4.31	2.81	43.10	4.43	2.82
42JHWW		37.65	0.91	0.60	40.35	1.68	1.07
4FZF2X		39.62	2.88	1.88	40.53	1.86	1.18
4JZQXX		35.90	-0.84	-0.55	37.80	-0.87	-0.55
4KCKFH	X	36.30	-0.44	-0.29	41.20	2.53	1.61
4ZRLAN	*	32.30	-4.44	-2.90	35.00	-3.67	-2.33
62FEMH		37.05	0.31	0.20	38.75	0.08	0.05
6FDJVF		37.00	0.26	0.17	40.00	1.33	0.85
6FWDPX		36.90	0.16	0.11	38.55	-0.12	-0.07
6GUGMF		36.00	-0.74	-0.48	37.65	-1.02	-0.65
6RBAU2		37.90	1.16	0.76	38.65	-0.02	-0.01
6VQW7L		37.24	0.50	0.32	39.14	0.47	0.30
782PFD		40.25	3.51	2.29	42.45	3.78	2.41
7NKMCX		38.75	2.01	1.31	40.80	2.13	1.36
8K4K6T		37.00	0.26	0.17	38.50	-0.17	-0.11
94DVRB		37.15	0.41	0.27	39.15	0.48	0.31
9KKY9W		35.94	-0.80	-0.52	39.04	0.37	0.24
9YH9UG		38.15	1.41	0.92	40.10	1.43	0.91
A23C3E		36.45	-0.29	-0.19	38.50	-0.17	-0.11
AB7MDB		37.88	1.14	0.75	38.84	0.17	0.11
AENR6D		35.83	-0.91	-0.59	36.99	-1.68	-1.07
AHM32D		35.25	-1.49	-0.97	37.65	-1.02	-0.65
AZ8TZD		36.70	-0.04	-0.02	38.40	-0.27	-0.17
BMGJQD		36.02	-0.72	-0.47	38.01	-0.66	-0.42
C2RLNR		36.30	-0.44	-0.29	38.35	-0.32	-0.20
CK8VNR	*	36.71	-0.03	-0.02	37.02	-1.65	-1.05
CPHMGE		36.15	-0.59	-0.38	37.80	-0.87	-0.55
CWWRQQ		36.88	0.14	0.09	39.95	1.28	0.82
DDMV9F		37.55	0.81	0.53	40.05	1.38	0.88

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
DFARG7		36.60	-0.14	-0.09	39.00	0.33	0.21
DJCDMQ	X	32.55	-4.19	-2.73	38.10	-0.57	-0.36
DJRW9A	*	34.20	-2.54	-1.66	35.10	-3.57	-2.27
DUABCC		34.60	-2.14	-1.40	36.30	-2.37	-1.51
DWD7VE		36.60	-0.14	-0.09	38.30	-0.37	-0.23
DXBJGL		35.60	-1.14	-0.74	38.15	-0.52	-0.33
EEQ868		34.40	-2.34	-1.53	36.40	-2.27	-1.44
FABYFM		36.46	-0.28	-0.18	37.94	-0.73	-0.46
FB7HGN		35.50	-1.24	-0.81	37.50	-1.17	-0.74
FUNCD6		39.15	2.41	1.57	41.45	2.78	1.77
G2ZXUL		37.65	0.91	0.60	39.70	1.03	0.66
G3BV84	X	29.80	-6.94	-4.53	30.34	-8.33	-5.30
G7WJMA		37.28	0.55	0.36	39.17	0.51	0.32
H786AG		33.85	-2.89	-1.88	36.65	-2.02	-1.28
HAN8GL		36.00	-0.74	-0.48	37.75	-0.92	-0.58
HBMBE4		38.65	1.91	1.25	40.05	1.38	0.88
HCTZD7		36.28	-0.46	-0.30	39.39	0.72	0.46
J3YCV9		36.73	-0.01	-0.01	38.35	-0.32	-0.20
J6BRPA	X	48.24	11.50	7.50	50.68	12.01	7.65
J6Q9HG		39.70	2.96	1.93	41.90	3.23	2.06
JK3PQ6		35.31	-1.43	-0.93	38.61	-0.06	-0.04
JWXVK3		35.95	-0.79	-0.52	36.92	-1.75	-1.11
K33UT8		36.82	0.08	0.05	38.64	-0.03	-0.02
KM4836		36.40	-0.34	-0.22	38.50	-0.17	-0.11
KTQZD6		37.05	0.31	0.20	38.85	0.18	0.12
L62REJ		39.45	2.71	1.77	41.40	2.73	1.74
LVWKYJ		38.20	1.46	0.95	40.85	2.18	1.39
ME3E7G		37.35	0.61	0.40	39.00	0.33	0.21
MP36P3		37.79	1.05	0.69	38.95	0.28	0.18
MWM67F		35.42	-1.32	-0.86	37.65	-1.02	-0.65
NFAEH2		36.05	-0.69	-0.45	38.25	-0.42	-0.26
NJWVWF		36.45	-0.29	-0.19	38.32	-0.35	-0.22
NZJBZC		38.65	1.91	1.25	40.70	2.03	1.30
P3J2JW		36.48	-0.26	-0.17	38.00	-0.67	-0.42
P6VGDX		36.55	-0.19	-0.12	38.52	-0.15	-0.09

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
PQPMHE		36.75	0.01	0.01	37.95	-0.72	-0.46
QV2TVZ	X	37.10	0.36	0.24	36.90	-1.77	-1.12
R62X6R		37.50	0.76	0.50	39.55	0.88	0.56
RU2CV9		36.13	-0.61	-0.40	39.03	0.36	0.23
TAQFEX	*	36.72	-0.02	-0.02	36.94	-1.73	-1.10
TH22Z7		40.23	3.49	2.28	42.22	3.55	2.26
TVQVJR		38.10	1.36	0.89	40.00	1.33	0.85
TVTRLA		36.29	-0.45	-0.30	38.34	-0.33	-0.21
UFEMCW	*	36.80	0.06	0.04	40.28	1.61	1.03
ULGTQY	X	29.66	-7.08	-4.62	30.46	-8.21	-5.22
V98DH9	X	34.50	-2.24	-1.46	33.60	-5.07	-3.23
VN6M4T		36.49	-0.25	-0.17	37.80	-0.87	-0.55
VPZ66V		38.45	1.71	1.12	40.05	1.38	0.88
VYYZ26	X	46.80	10.06	6.56	45.66	6.99	4.45
W4TCHM		36.75	0.01	0.01	39.40	0.73	0.47
WEUKHT		33.80	-2.94	-1.92	35.40	-3.27	-2.08
WL9LJM		34.50	-2.24	-1.46	37.50	-1.17	-0.74
WLVWEP	X	42.50	5.76	3.76	44.40	5.73	3.65
WWCLCV		35.67	-1.07	-0.70	37.91	-0.76	-0.48
X6ZWZV		37.80	1.06	0.69	39.48	0.81	0.52
XC29VR		36.55	-0.19	-0.13	37.88	-0.79	-0.50
XP7CJ8		34.73	-2.01	-1.31	36.92	-1.75	-1.11
XTNNYN		36.35	-0.39	-0.25	37.96	-0.71	-0.45
Y7A7Q8		33.94	-2.80	-1.83	35.74	-2.93	-1.87
YRD4VL		35.42	-1.32	-0.86	37.25	-1.42	-0.90

Summary Statistics

	Sample SA57	Sample SA58
Grand Means	36.738 g/L	38.665 g/L
Stnd Dev Btwn Labs	1.532 g/L	1.570 g/L

Statistics based on 86 of 95 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #910

G3BV84 (X) - Data for both samples are low. Possible Systematic Error.

VYYZ26 (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample SA58.

DJCDMQ (X) - Inconsistent in testing between samples.

V98DH9 (X) - Inconsistent in testing between samples, data for sample SA58 are low.

WLVWEP (X) - Data for both samples are high. Possible Systematic Error.

4KCKFH (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample SA57.

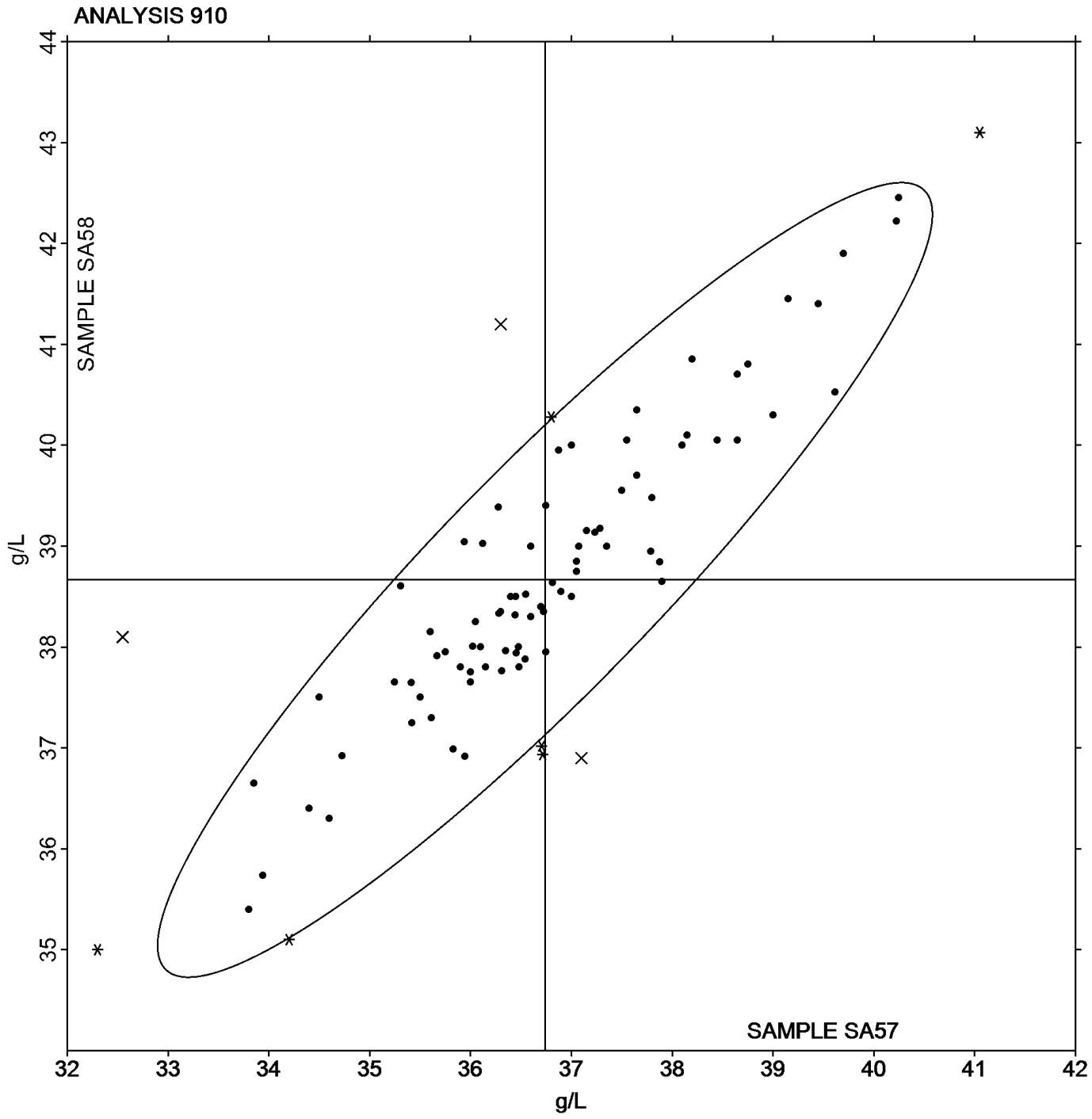
QV2TVZ (X) - Inconsistent in testing between samples.

J6BRPA (X) - Data for both samples are high. Possible Systematic Error.

ULGTQY (X) - Data for both samples are low. Possible Systematic Error.

Results by Methodology (as reported by laboratory)

	Sample SA57 *White Zinfandel*			Sample SA58 *White Zinfandel*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Please specify method used							0/1
HPLC	36.000	1.863	-0.74	38.100	1.297	-0.57	3/3
Enzymatic/Spectrophotometric	36.683	1.481	-0.06	38.595	1.535	-0.07	75/83
FTIR	37.605	1.964	0.87	39.648	1.995	0.98	7/7
Other	37.050	0.000	0.31	38.750	0.000	0.08	1/1



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
3TW2VM		0.1330	-0.0010	-0.03	0.1125	-0.0123	-0.41
42JHWW		0.2250	0.0910	2.64	0.2000	0.0752	2.53
62FEMH	M	0.0440	-0.0900	-2.61	No data reported for this sample		
6GUGMF		0.1380	0.0040	0.11	0.1245	-0.0003	-0.01
6VQW7L		0.1810	0.0470	1.36	0.1460	0.0212	0.71
8K4K6T		0.1250	-0.0090	-0.26	0.1200	-0.0048	-0.16
94DVRB		0.1285	-0.0055	-0.16	0.1170	-0.0078	-0.26
AB7MDB		0.1205	-0.0135	-0.39	0.1100	-0.0148	-0.50
C2RLNR		0.1255	-0.0085	-0.25	0.1220	-0.0028	-0.09
DJCDMQ		0.1200	-0.0140	-0.41	0.1100	-0.0148	-0.50
FABYFM		0.1000	-0.0340	-0.99	0.0900	-0.0348	-1.17
FB7HGN		0.0950	-0.0390	-1.13	0.0850	-0.0398	-1.34
FUNCD6		0.1300	-0.0040	-0.12	0.1200	-0.0048	-0.16
H786AG		0.1265	-0.0075	-0.22	0.1175	-0.0073	-0.24
HAN8GL		0.2200	0.0860	2.49	0.1800	0.0552	1.86
HBMBE4		0.1350	0.0010	0.03	0.1200	-0.0048	-0.16
J6BRPA		0.1000	-0.0340	-0.99	0.1000	-0.0248	-0.83
KTQZD6		0.1300	-0.0040	-0.12	0.1500	0.0252	0.85
R62X6R		0.1260	-0.0080	-0.23	0.1205	-0.0043	-0.14
RU2CV9		0.0850	-0.0490	-1.42	0.0750	-0.0498	-1.67
TAQFEX		0.1300	-0.0040	-0.12	0.1300	0.0052	0.18
TH22Z7	*	0.1300	-0.0040	-0.12	0.1700	0.0452	1.52
VN6M4T		0.1450	0.0110	0.32	0.1250	0.0002	0.01

Summary Statistics

	Sample SA57	Sample SA58
Grand Means	0.13405 mg/L	0.12477 mg/L
Stnd Dev Btwn Labs	0.03451 mg/L	0.02972 mg/L

Statistics based on 22 of 23 reporting participants

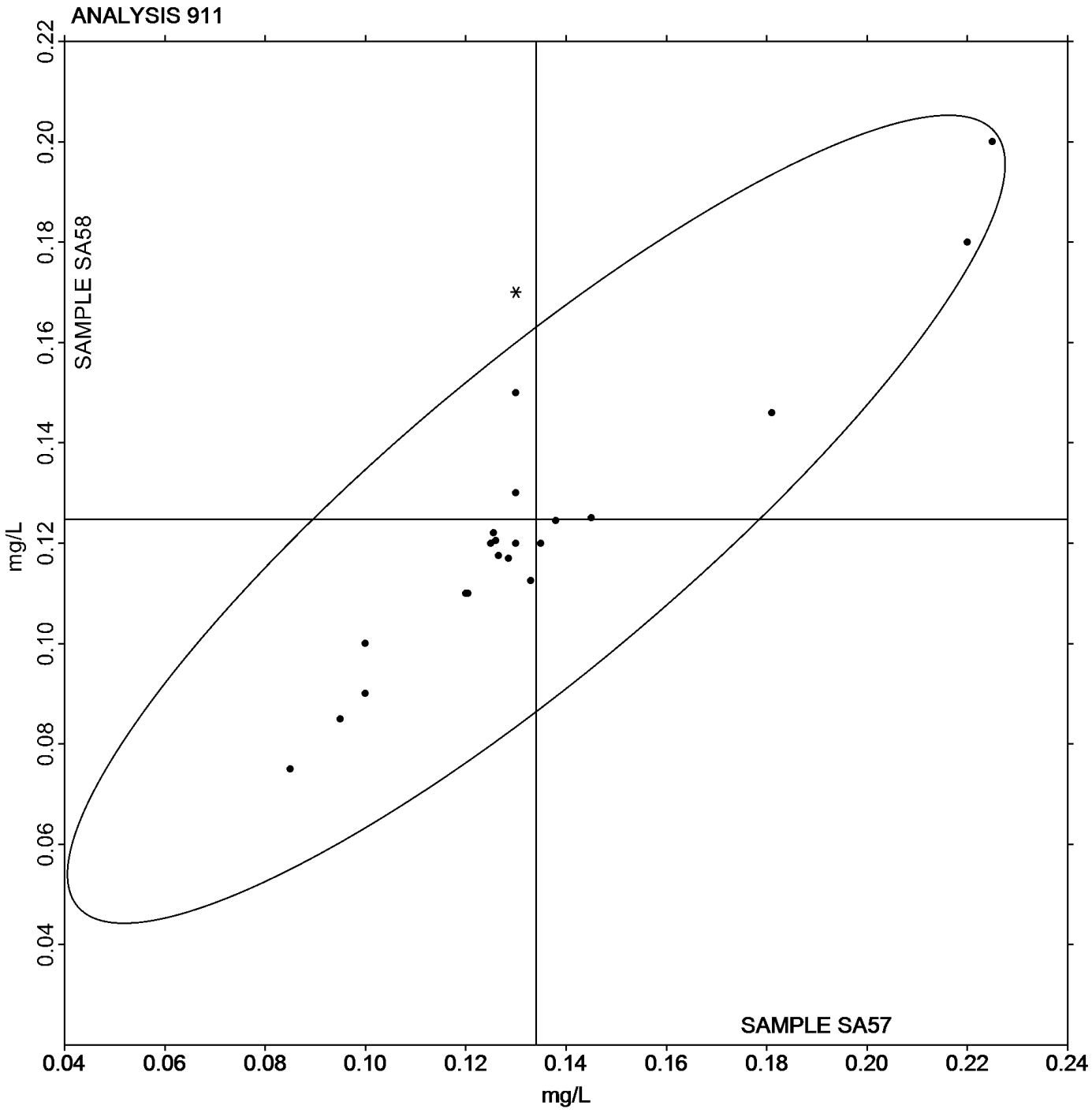
Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #911

62FEMH (M) - Data for sample SA57 are low. Participant did not submit data for sample SA58.

Results by Methodology (as reported by laboratory)

Test Methodology	Sample SA57 *White Zinfandel* Group Mean	Btwn Lab STD	Diff from GM	Sample SA58 *White Zinfandel* Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Please specify method used	0.100	0.000	-0.0340	0.100	0.000	-0.0248	1/2
Atomic Absorption Spectroscopy	0.131	0.031	-0.0029	0.130	0.033	0.0055	6/6
ICP	0.126	0.013	-0.0080	0.115	0.011	-0.0099	11/11
FTIR	0.130	0.000	-0.0040	0.130	0.000	0.0052	1/1
Other	0.100	0.000	-0.0340	0.090	0.000	-0.0348	1/1
Colorimetric Analysis	0.223	0.004	0.0885	0.190	0.014	0.0652	2/2



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
37W374	X	300.0	-514.2	-5.62	308.5	-501.3	-5.55
3KHH93		836.6	22.4	0.24	825.7	15.8	0.17
3TW2VM		787.1	-27.1	-0.30	801.8	-8.0	-0.09
42JHWW		883.0	68.8	0.75	886.0	76.2	0.84
4ZRLAN		975.0	160.8	1.76	975.0	165.2	1.83
6GUGMF		740.7	-73.5	-0.80	725.5	-84.4	-0.93
6VQW7L		870.7	56.5	0.62	871.1	61.3	0.68
8K4K6T		825.0	10.8	0.12	815.0	5.2	0.06
94DVRB		849.2	35.0	0.38	839.4	29.6	0.33
9KKY9W		847.0	32.8	0.36	824.5	14.7	0.16
AB7MDB		804.5	-9.7	-0.11	799.1	-10.8	-0.12
AENR6D	*	566.5	-247.7	-2.71	598.5	-211.3	-2.34
C2RLNR		918.5	104.3	1.14	932.0	122.2	1.35
DJCDMQ		750.5	-63.7	-0.70	746.0	-63.8	-0.71
FABYFM		766.5	-47.7	-0.52	758.0	-51.8	-0.57
FB7HGN		875.0	60.8	0.66	825.0	15.2	0.17
FUNCD6		765.0	-49.2	-0.54	775.0	-34.8	-0.39
HAN8GL		816.5	2.3	0.02	831.5	21.7	0.24
J6BRPA		732.0	-82.2	-0.90	766.0	-43.8	-0.49
JK3PQ6		834.0	19.8	0.22	795.0	-14.8	-0.16
KTQZD6		768.5	-45.7	-0.50	756.5	-53.3	-0.59
VN6M4T		715.5	-98.7	-1.08	674.5	-135.3	-1.50
XTNNYN		986.0	171.8	1.88	995.5	185.7	2.05

Summary Statistics

	Sample SA57	Sample SA58
Grand Means	814.24 mg/L	809.84 mg/L
Stnd Dev Btwn Labs	91.58 mg/L	90.38 mg/L

Statistics based on 22 of 23 reporting participants

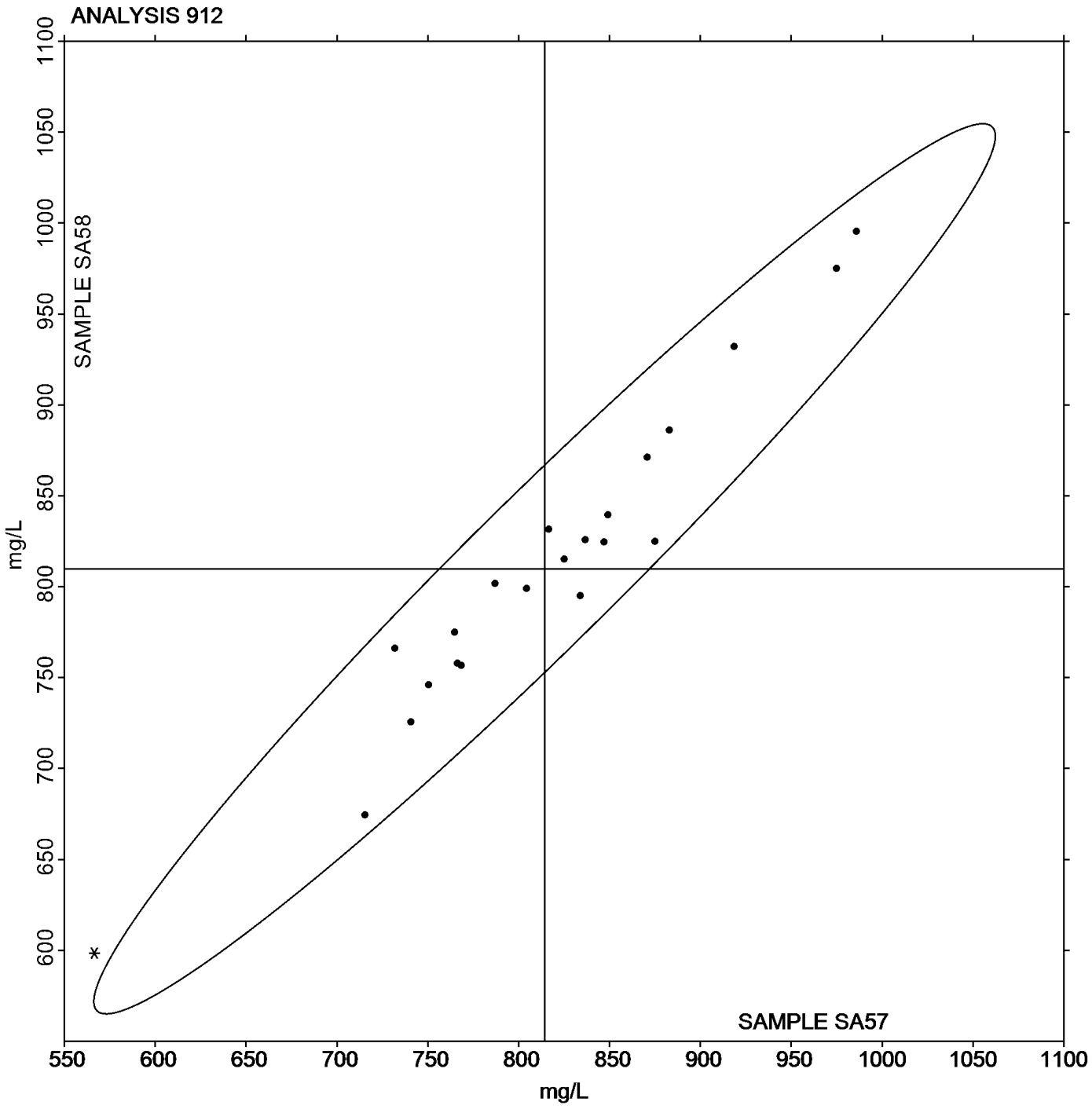
Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #912

37W374 (X) - Data for both samples are low.

Results by Methodology (as reported by laboratory)

Test Methodology	Sample SA57 *White Zinfandel* Group Mean	Btwn Lab STD	Diff from GM	Sample SA58 *White Zinfandel* Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Please specify method used	732.000	0.000	-82.2	766.000	0.000	-43.8	1/1
Atomic Absorption Spectroscopy	829.467	53.882	15.2	822.333	59.176	12.5	3/3
ICP	797.987	65.925	-16.3	788.206	72.346	-21.6	9/9
Other	909.167	123.675	94.9	909.500	131.603	99.7	3/4
Colorimetric Analysis	797.267	115.190	-17.0	793.525	100.022	-16.3	6/6



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4		0.2000	0.0040	0.46	0.2000	0.0065	0.70
2QNR3Q		0.1950	-0.0010	-0.11	0.1940	0.0005	0.05
37W374	X	0.1187	-0.0773	-8.78	0.1355	-0.0581	-6.33
3NGT63		0.1925	-0.0035	-0.40	0.1875	-0.0060	-0.66
3R2JTL		0.2000	0.0040	0.46	0.1975	0.0040	0.43
3TW2VM		0.1920	-0.0040	-0.45	0.1940	0.0005	0.05
42JHWW		0.2030	0.0070	0.80	0.1970	0.0035	0.38
4ZRLAN		0.2080	0.0120	1.36	0.2075	0.0140	1.52
62FEMH		0.2070	0.0110	1.25	0.1985	0.0050	0.54
6FDJVF		0.1920	-0.0040	-0.45	0.1900	-0.0035	-0.39
6GUGMF		0.2060	0.0100	1.14	0.2030	0.0095	1.03
6VQW7L	X	0.2255	0.0295	3.35	0.2520	0.0585	6.37
782PFD	*	0.1705	-0.0255	-2.89	0.1640	-0.0295	-3.22
7NKMCX	*	0.1700	-0.0260	-2.95	0.1650	-0.0285	-3.11
9KKY9W		0.1960	0.0000	0.00	0.1935	0.0000	0.00
9YH9UG		0.1920	-0.0040	-0.45	0.1890	-0.0045	-0.49
A23C3E		0.1930	-0.0030	-0.34	0.1915	-0.0020	-0.22
AENR6D		0.2050	0.0090	1.02	0.2065	0.0130	1.41
AZ8TZD		0.1960	0.0000	0.00	0.1850	-0.0085	-0.93
BQD6HF		0.2010	0.0050	0.57	0.1960	0.0025	0.27
C2RLNR		0.1905	-0.0055	-0.62	0.1870	-0.0065	-0.71
DUABCC	*	0.1825	-0.0135	-1.53	0.1890	-0.0045	-0.49
FABYFM		0.1915	-0.0045	-0.51	0.1920	-0.0015	-0.17
FB7HGN		0.1915	-0.0045	-0.51	0.1915	-0.0020	-0.22
FUNCD6		0.2035	0.0075	0.85	0.2010	0.0075	0.81
G2ZXUL		0.1945	-0.0015	-0.17	0.1900	-0.0035	-0.39
HAN8GL		0.2079	0.0119	1.35	0.2032	0.0097	1.05
JK3PQ6		0.1960	0.0000	0.00	0.1940	0.0005	0.05
KTQZD6		0.2000	0.0040	0.46	0.2030	0.0095	1.03
L62REJ		0.1995	0.0035	0.40	0.1985	0.0050	0.54
MWM67F		0.1930	-0.0030	-0.34	0.1915	-0.0020	-0.22
NFAEH2	X	0.1440	-0.0520	-5.90	0.1280	-0.0655	-7.14
Q6NNW2	X	0.2360	0.0400	4.54	0.2200	0.0265	2.88
R62X6R		0.2080	0.0120	1.36	0.2075	0.0140	1.52
RU2CV9	*	0.1930	-0.0030	-0.34	0.1810	-0.0125	-1.37

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
TAQFEX		0.1875	-0.0085	-0.96	0.1840	-0.0095	-1.04
TH22Z7		0.1973	0.0013	0.14	0.1943	0.0008	0.08
TVQVJR	*	0.1800	-0.0160	-1.82	0.1870	-0.0065	-0.71
TVTRLA	X	0.5685	0.3725	42.30	0.5755	0.3820	41.60
V98DH9		0.2030	0.0070	0.80	0.2000	0.0065	0.70
VN6M4T		0.2025	0.0065	0.74	0.1980	0.0045	0.49
VPZ66V		0.1965	0.0005	0.06	0.1935	0.0000	0.00
VYYZ26		0.1895	-0.0065	-0.74	0.1870	-0.0065	-0.71
WEUKHT		0.2020	0.0060	0.68	0.2010	0.0075	0.81
WL9LJM		0.2030	0.0070	0.80	0.2000	0.0065	0.70
WLVWEP		0.1980	0.0020	0.23	0.1970	0.0035	0.38
X6ZWZV		0.2020	0.0060	0.68	0.1980	0.0045	0.49

Summary Statistics

	Sample SA57	Sample SA58
Grand Means	0.19599 Absorbance Units	0.19354 Absorbance Units
Stnd Dev Btwn Labs	0.00881 Absorbance Units	0.00918 Absorbance Units

Statistics based on 42 of 47 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #915

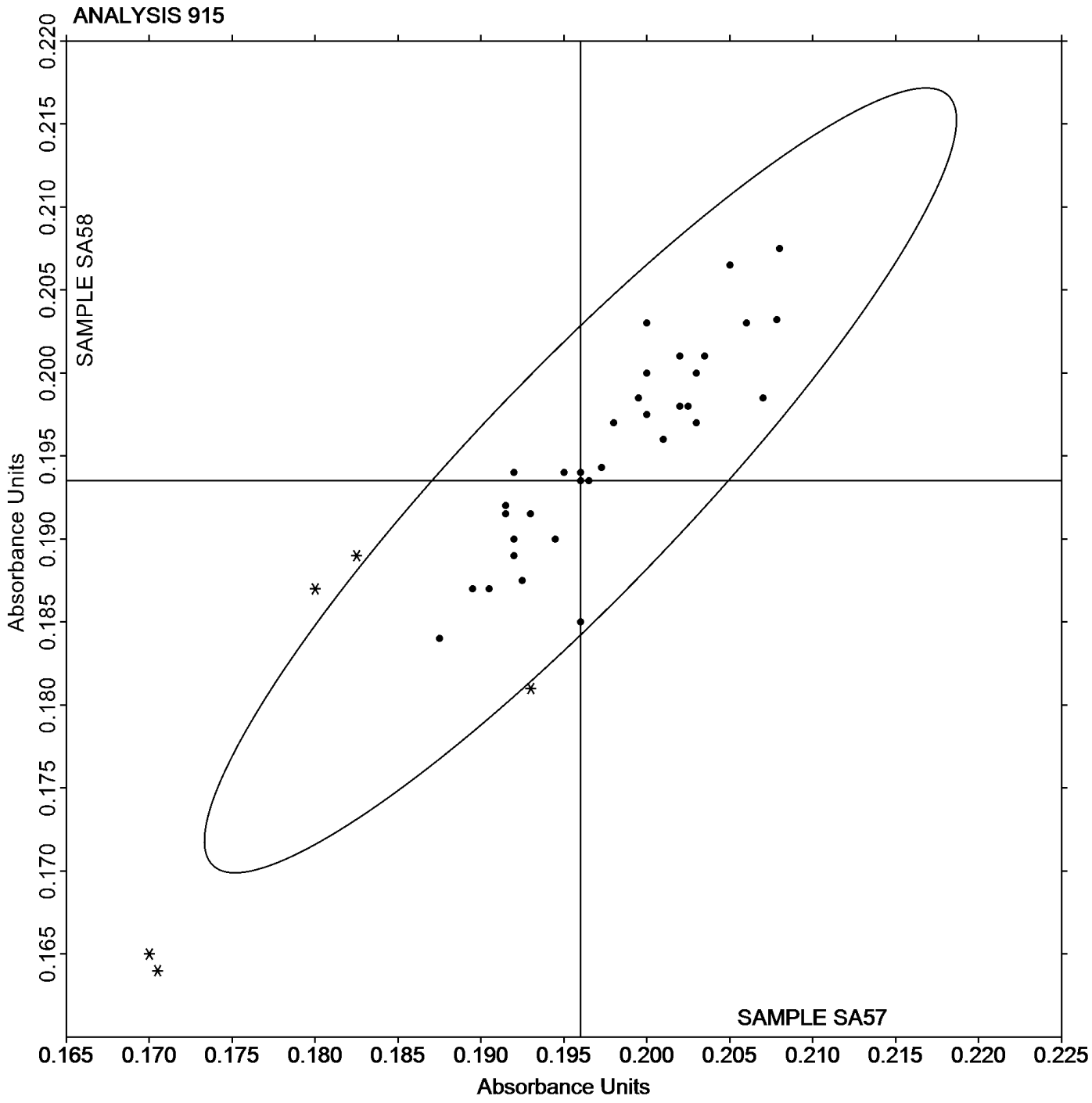
TVTRLA (X) - Extreme data.

37W374 (X) - Data for both samples are low.Inconsistent within the determinations of both samples.

NFAEH2 (X) - Data for both samples are low. Possible Systematic Error.

6VQW7L (X) - Data for both samples are high. Possible Systematic Error.

Q6NNW2 (X) - Data for both samples are high. Possible Systematic Error.



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
2CNQN4		0.1000	0.0018	0.34	0.1000	0.0017	0.31
2QNR3Q		0.0910	-0.0072	-1.41	0.0920	-0.0063	-1.14
37W374	X	0.0899	-0.0083	-1.63	0.1000	0.0017	0.31
3NGT63		0.1025	0.0043	0.83	0.1050	0.0067	1.22
3R2JTL		0.1000	0.0018	0.34	0.0990	0.0007	0.13
3TW2VM		0.0950	-0.0032	-0.63	0.0995	0.0012	0.22
42JHWW	X	0.1270	0.0288	5.61	0.1220	0.0237	4.32
4ZRLAN		0.1065	0.0083	1.61	0.1090	0.0107	1.95
6FDJVF		0.0980	-0.0002	-0.05	0.0955	-0.0028	-0.51
6GUGMF		0.1020	0.0038	0.73	0.1005	0.0022	0.40
6VQW7L	X	0.1500	0.0518	10.09	0.1495	0.0512	9.33
782PFD	X	0.0740	-0.0242	-4.73	0.0700	-0.0283	-5.15
7NKMCX		0.0950	-0.0032	-0.63	0.0900	-0.0083	-1.51
9KKY9W		0.0960	-0.0022	-0.44	0.0960	-0.0023	-0.41
9YH9UG		0.0945	-0.0037	-0.73	0.0950	-0.0033	-0.60
A23C3E		0.0955	-0.0027	-0.53	0.0975	-0.0008	-0.14
AENR6D		0.1060	0.0078	1.51	0.1090	0.0107	1.95
AZ8TZD	*	0.0980	-0.0002	-0.05	0.0900	-0.0083	-1.51
BQD6HF		0.0990	0.0008	0.15	0.0980	-0.0003	-0.05
C2RLNR		0.0925	-0.0057	-1.12	0.0915	-0.0068	-1.23
DUABCC	*	0.0890	-0.0092	-1.80	0.0945	-0.0038	-0.69
FABYFM		0.0965	-0.0017	-0.34	0.0990	0.0007	0.13
FB7HGN		0.0935	-0.0047	-0.92	0.0945	-0.0038	-0.69
FUNCD6		0.1035	0.0053	1.03	0.1035	0.0052	0.95
G2ZXUL		0.0980	-0.0002	-0.05	0.0950	-0.0033	-0.60
HAN8GL		0.1064	0.0082	1.59	0.1054	0.0071	1.30
JK3PQ6		0.0950	-0.0032	-0.63	0.0950	-0.0033	-0.60
KTQZD6		0.0990	0.0008	0.15	0.1030	0.0047	0.86
L62REJ		0.0995	0.0013	0.25	0.1005	0.0022	0.40
MWM67F		0.0945	-0.0037	-0.73	0.0955	-0.0028	-0.51
NFAEH2	X	0.0765	-0.0217	-4.24	0.0785	-0.0198	-3.60
Q6NNW2	*	0.1140	0.0158	3.07	0.1110	0.0127	2.32
R62X6R		0.1040	0.0058	1.12	0.1070	0.0087	1.59
RU2CV9	X	0.1520	0.0538	10.48	0.1455	0.0472	8.60
TAQFEX		0.0905	-0.0077	-1.51	0.0900	-0.0083	-1.51

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Grand Mean	Sample SA57 CPV	Sample SA58 Lab Mean	Sample SA58 Diff from Grand Mean	Sample SA58 CPV
TH22Z7		0.0965	-0.0017	-0.34	0.0955	-0.0028	-0.51
TVQVJR		0.0905	-0.0077	-1.51	0.0905	-0.0078	-1.42
TVTRLA	X	0.3920	0.2938	57.28	0.3745	0.2762	50.29
V98DH9		0.1020	0.0038	0.73	0.1020	0.0037	0.68
VN6M4T		0.0995	0.0013	0.25	0.0985	0.0002	0.04
VPZ66V		0.0960	-0.0022	-0.44	0.0960	-0.0023	-0.41
VYYZ26		0.0930	-0.0052	-1.02	0.0915	-0.0068	-1.23
WEUKHT		0.1010	0.0028	0.54	0.1000	0.0017	0.31
WL9LJM		0.0995	0.0013	0.25	0.0975	-0.0008	-0.14
WLVWEP		0.0980	-0.0002	-0.05	0.0990	0.0007	0.13
X6ZWZV		0.1005	0.0023	0.44	0.1010	0.0027	0.50

Summary Statistics

	Sample SA57	Sample SA58
Grand Means	0.09824 Absorbance Units	0.09828 Absorbance Units
Stnd Dev Btwn Labs	0.00513 Absorbance Units	0.00549 Absorbance Units

Statistics based on 39 of 46 reporting participants

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel

Comments on Assigned Data Flags for Test #916

782PFD (X) - Data for both samples are low. Possible Systematic Error.

42JHWW (X) - Data for both samples are high. Possible Systematic Error.

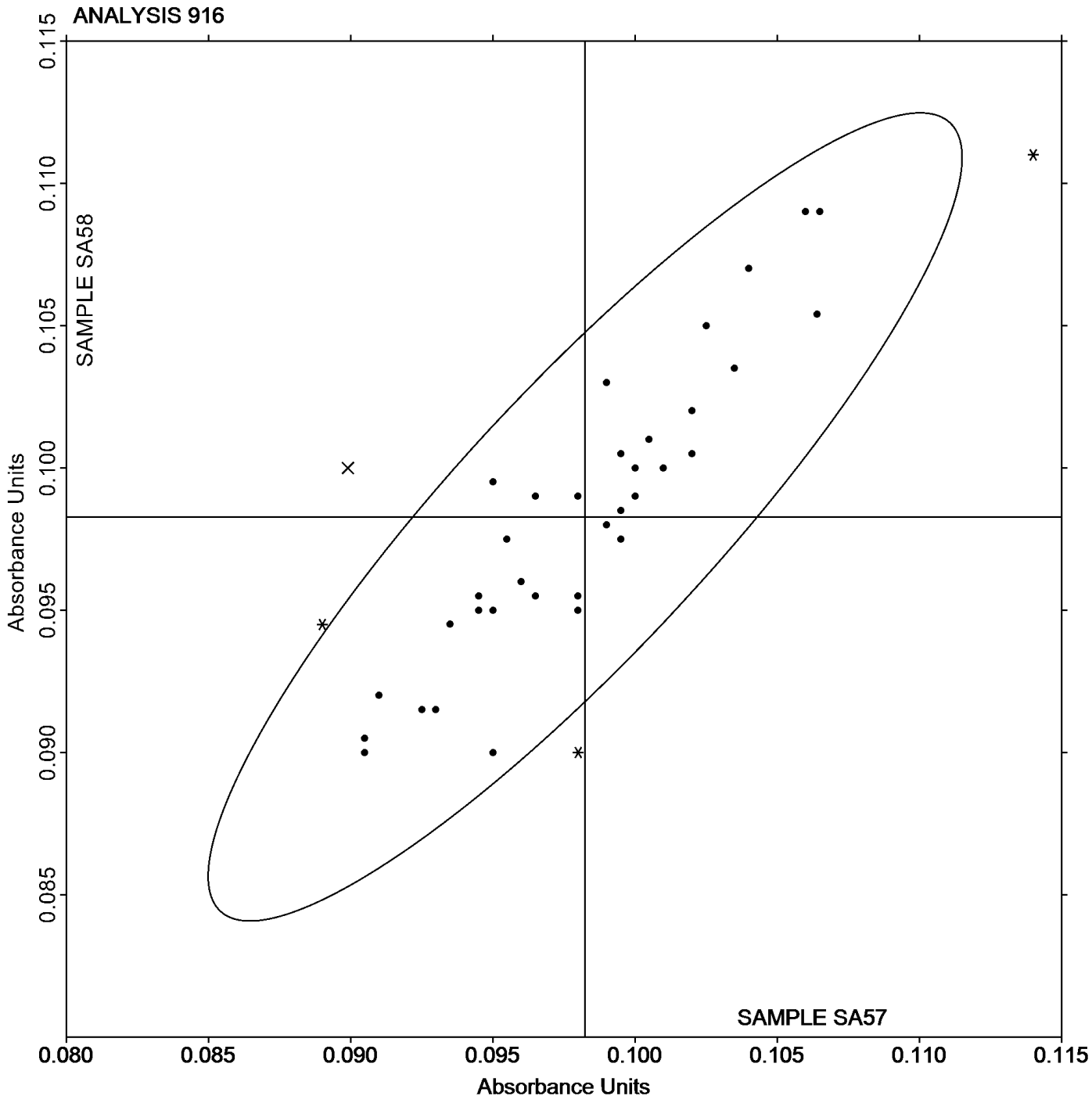
RU2CV9 (X) - Data for both samples are high. Possible Systematic Error.

TVTRLA (X) - Extreme data.

37W374 (X) - Inconsistent in testing between samples.

NFAEH2 (X) - Data for both samples are low. Possible Systematic Error.

6VQW7L (X) - Data for both samples are high.



WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Target Value	Sample SA57 % Diff from Target Value	Sample SA58 Lab Mean	Sample SA58 Diff from Target Value	Sample SA58 % Diff from Target Value
2CNQN4		97.00	2.00	0.40	112.00	20.76	1.05
6GUGMF		95.00	0.00	0.00	94.00	2.76	0.14
6VQW7L		83.50	-11.50	-2.28	47.00	-44.24	-2.23
8K4K6T		99.50	4.50	0.89	97.00	5.76	0.29
C2RLNR		98.00	3.00	0.59	96.00	4.76	0.24
DJCDMQ		96.50	1.50	0.30	112.00	20.76	1.05
FUNCD6		98.00	3.00	0.59	98.60	7.36	0.37
H786AG		99.00	4.00	0.79	97.00	5.76	0.29
HAN8GL		90.50	-4.50	-0.89	61.50	-29.74	-1.50
RU2CV9		98.50	3.50	0.69	100.00	8.76	0.44
VN6M4T		89.50	-5.50	-1.09	88.50	-2.74	-0.14

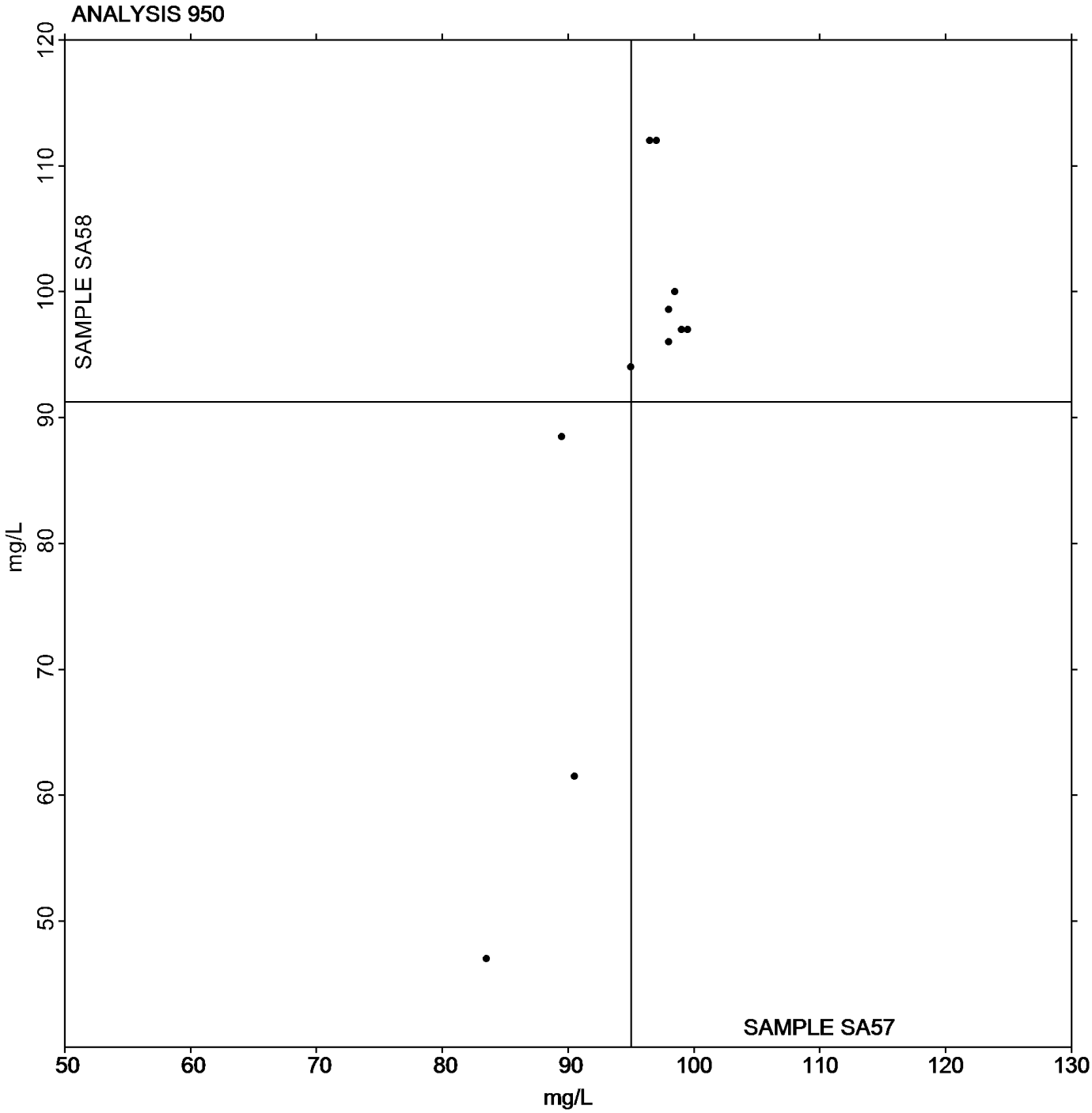
Research Property Consensus Value

	Sample SA57	Sample SA58
Consensus Average	95.000 mg/L	91.236 mg/L

Note: Tests 950, 951 and 952, are research tests. As a result participants should use caution when evaluating data for these tests.

This consensus average is based on 11 reporting participants.

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot.

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Target Value	Sample SA57 % Diff from Target Value	Sample SA58 Lab Mean	Sample SA58 Diff from Target Value	Sample SA58 % Diff from Target Value
3TW2VM		179.0	5.0	0.38	164.0	-0.8	-0.05
6GUGMF		175.0	1.0	0.08	166.0	1.2	0.09
6VQW7L		181.0	7.0	0.53	174.0	9.2	0.65
8K4K6T	*	214.0	40.0	3.00	207.5	42.7	3.01
C2RLNR		167.0	-7.0	-0.52	164.5	-0.3	-0.02
DJRW9A		167.5	-6.5	-0.48	160.5	-4.3	-0.30
FABYFM		156.0	-18.0	-1.34	153.0	-11.8	-0.83
FUNCD6		176.5	2.5	0.19	168.5	3.7	0.26
H786AG		163.9	-10.0	-0.75	153.3	-11.5	-0.81
HAN8GL		165.0	-9.0	-0.67	146.5	-18.3	-1.29
KTQZD6		177.0	3.0	0.23	157.5	-7.3	-0.51
NFAEH2		174.0	0.0	0.00	165.5	0.7	0.05
R62X6R		181.3	7.3	0.55	170.5	5.7	0.40
TAQFEX		156.5	-17.5	-1.31	146.5	-18.3	-1.29
VN6M4T		178.5	4.5	0.34	171.5	6.7	0.47
WEUKHT		171.0	-3.0	-0.22	167.0	2.2	0.16

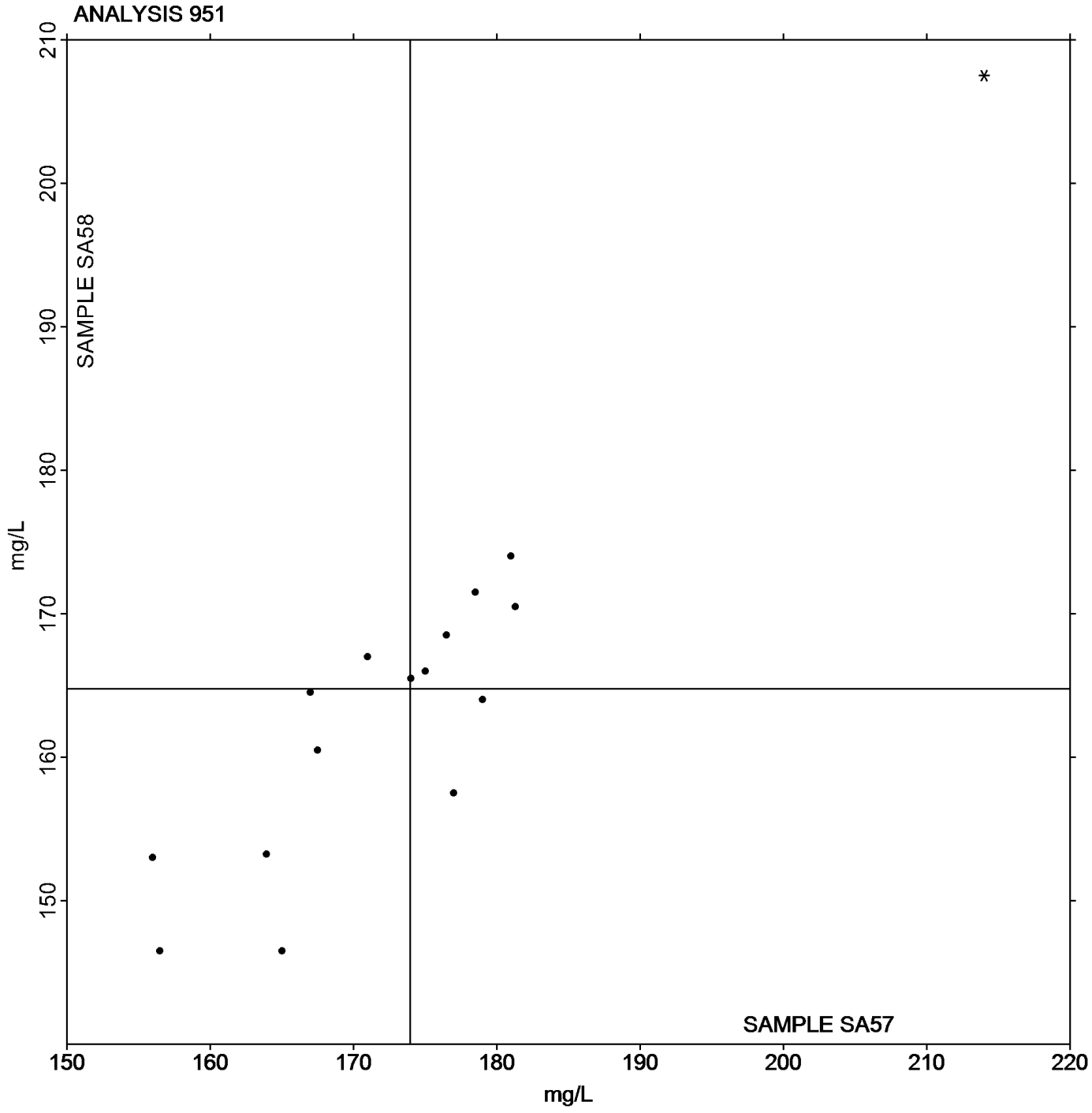
Research Property Consensus Value

Consensus Average	173.95 mg/L	164.77 mg/L

Note: Tests 950, 951 and 952, are research tests. As a result participants should use caution when evaluating data for these tests.

This consensus average is based on 16 reporting participants.

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot.

WebCode	Data Flag	Sample SA57 Lab Mean	Sample SA57 Diff from Target Value	Sample SA57 % Diff from Target Value	Sample SA58 Lab Mean	Sample SA58 Diff from Target Value	Sample SA58 % Diff from Target Value
3KHH93		60.87	-5.91	-0.46	60.87	-6.25	-0.48
6GUGMF		64.92	-1.85	-0.14	65.60	-1.51	-0.12
6VQW7L		95.02	28.25	2.18	95.42	28.31	2.16
9KKY9W		64.00	-2.77	-0.21	64.50	-2.61	-0.20
C2RLNR		64.92	-1.85	-0.14	65.26	-1.85	-0.14
DJCDMQ		94.00	27.23	2.10	94.00	26.89	2.06
FABYFM		63.92	-2.85	-0.22	64.35	-2.76	-0.21
FB7HGN		64.00	-2.77	-0.21	64.00	-3.11	-0.24
HAN8GL		59.23	-7.54	-0.58	59.76	-7.35	-0.56
JK3PQ6		64.95	-1.82	-0.14	66.68	-0.43	-0.03
KTQZD6		68.90	2.13	0.16	69.01	1.90	0.15
RU2CV9		60.53	-6.25	-0.48	61.54	-5.57	-0.43
V98DH9		45.00	-21.77	-1.68	44.00	-23.11	-1.77
VN6M4T		64.58	-2.19	-0.17	64.58	-2.53	-0.19

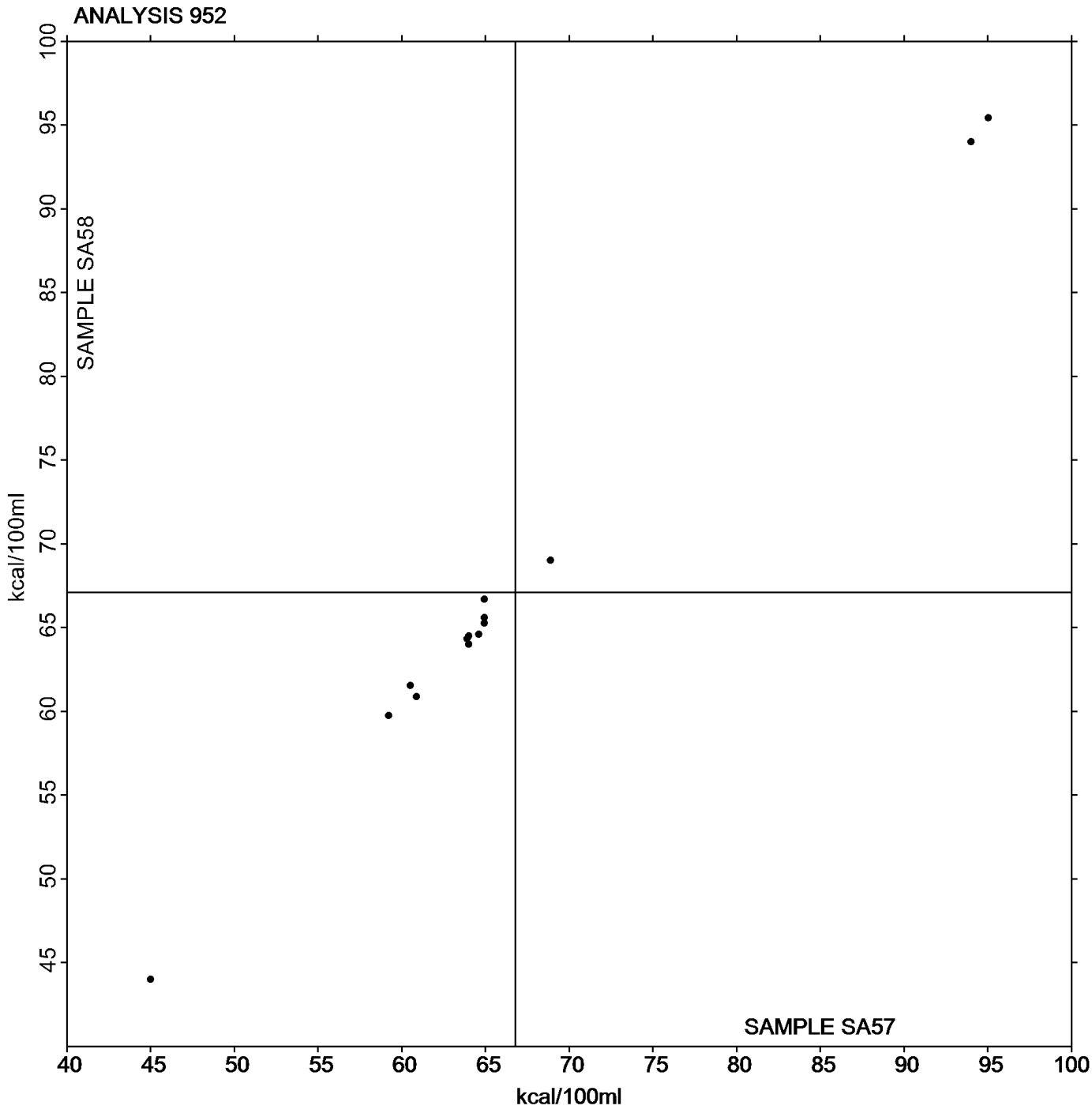
Research Property Consensus Value

Consensus Average	66.774 kcal/100ml	67.112 kcal/100ml

Note: Tests 950, 951 and 952, are research tests. As a result participants should use caution when evaluating data for these tests.

This consensus average is based on 14 reporting participants.

Wines tested: SA57: White Zinfandel; SA58: White Zinfandel



If fewer than 20 laboratories are included in an analysis, a control ellipse will not be drawn on the two-sample plot.

-End of Report-