Collaborative Testing Services, Inc.

Wine Industry Interlaboratory Program

Summary Report #070 - Spring 2022

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 sectors: including rubber, plastics, fasteners and metals, containerboard, paper, wine and color, 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 80 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 SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
2R2AA6		10.86	0.00	0.01	12.25	-0.01	-0.17
34YAM9		10.89	0.04	0.51	12.31	0.05	0.67
367RL4		10.84	-0.02	-0.27	12.25	-0.01	-0.17
3F3ZZZ		10.79	-0.06	-0.91	12.29	0.03	0.41
3V4CVY		10.91	0.05	0.72	12.34	0.08	0.99
43YYZ6		10.92	0.07	0.93	12.34	0.08	1.06
4BA2L6		10.85	-0.01	-0.13	12.23	-0.03	-0.37
4QLUT9		10.86	0.01	0.08	12.26	0.00	0.02
4RH8F2	X	10.60	-0.25	-3.61	12.45	0.19	2.49
4WC448		10.83	-0.03	-0.42	12.24	-0.02	-0.30
63UYFU		10.93	0.08	1.08	12.35	0.09	1.19
64KXTT		10.91	0.06	0.79	12.32	0.06	0.73
69GME7		10.82	-0.04	-0.56	12.22	-0.04	-0.50
6E6A8Q		10.81	-0.04	-0.63	12.22	-0.04	-0.50
7MW8AK		10.94	0.08	1.15	12.35	0.09	1.12
7NPVUZ		10.92	0.06	0.86	12.32	0.06	0.73
7XH9UZ		10.72	-0.14	-1.98	12.15	-0.11	-1.47
8A2FZZ		10.87	0.01	0.15	12.29	0.03	0.41
8BV4HV		10.84	-0.02	-0.27	12.23	-0.03	-0.37
8N6EEX		10.85	0.00	-0.06	12.28	0.02	0.28
94REGG		10.95	0.09	1.29	12.37	0.11	1.38
9UM7YW		10.90	0.05	0.65	12.33	0.07	0.93
9VKGUY	X	0.84	-10.02	-142.36	12.31	0.05	0.67
A3E66V		10.86	0.01	0.08	12.26	0.00	-0.04
A3HQH3		10.70	-0.15	-2.19	12.10	-0.16	-2.06
ABCULZ	*	10.74	-0.11	-1.62	12.05	-0.21	-2.71
AF44RR		10.95	0.09	1.29	12.35	0.09	1.19
AVEMNX		10.89	0.04	0.51	12.31	0.05	0.67
AVHCTV		10.94	0.09	1.22	12.36	0.10	1.32
AW9B8U		10.93	0.07	1.01	12.35	0.09	1.12
B4NETM		10.75	-0.10	-1.48	12.10	-0.16	-2.06
BELE7Q		10.85	-0.01	-0.13	12.24	-0.02	-0.24
BP7L6F		10.94	0.09	1.22	12.36	0.10	1.32
BVDC8L		10.86	0.00	0.01	12.26	0.00	-0.04
C9HP7X		10.90	0.04	0.58	12.32	0.06	0.80

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
CY7TXK		10.92	0.07	0.93	12.31	0.05	0.60
DBEXLR		10.94	0.09	1.22	12.40	0.14	1.84
DBGK6Q		10.84	-0.02	-0.27	12.25	-0.01	-0.11
DWZMZQ	*	10.63	-0.22	-3.19	12.04	-0.22	-2.84
E24TBM		10.85	0.00	-0.06	12.28	0.02	0.28
EHUXHG		10.92	0.06	0.86	12.30	0.04	0.54
EMQKAJ		10.75	-0.11	-1.55	12.08	-0.18	-2.32
EZY2KU		10.89	0.03	0.44	12.22	-0.04	-0.56
F3GMQM		10.87	0.01	0.15	12.27	0.01	0.15
F63QYK		10.80	-0.05	-0.77	12.20	-0.06	-0.76
F8BJDT		10.96	0.10	1.43	12.40	0.14	1.84
FBNLZN		10.88	0.02	0.30	12.27	0.01	0.08
FEMXVN		10.87	0.02	0.22	12.28	0.02	0.28
FMKRTM		10.88	0.03	0.37	12.29	0.03	0.41
FRY7XF	X	10.55	-0.30	-4.32	11.95	-0.31	-4.00
FY2CGP		10.78	-0.08	-1.13	12.23	-0.03	-0.43
GFG3R9		10.86	0.01	0.08	12.28	0.02	0.28
GJJ24M		10.75	-0.11	-1.55	12.17	-0.09	-1.15
GQZKJF	X	11.04	0.19	2.66	12.22	-0.04	-0.53
H84EQF		10.81	-0.04	-0.63	12.25	-0.01	-0.17
HG42HC		10.82	-0.04	-0.56	12.24	-0.02	-0.30
J7MGYF	*	10.65	-0.20	-2.90	12.10	-0.16	-2.06
J9EDLN		10.82	-0.03	-0.49	12.23	-0.03	-0.37
K3KVNN		10.84	-0.02	-0.27	12.24	-0.02	-0.24
KHB3GF		10.91	0.06	0.79	12.34	0.08	1.06
KLAEDF		10.87	0.02	0.22	12.28	0.02	0.28
L2MA7G		10.82	-0.03	-0.49	12.26	0.00	0.02
L3ZGUJ	X	11.30	0.45	6.33	12.70	0.44	5.73
LAY7CA		10.88	0.02	0.30	12.28	0.02	0.28
LC6PDQ	X	11.18	0.32	4.56	12.36	0.10	1.32
MDFTKM		10.81	-0.04	-0.63	12.25	-0.01	-0.11
MKCLWM		10.92	0.07	0.93	12.35	0.09	1.19
NAAKXN		10.84	-0.02	-0.27	12.21	-0.05	-0.63
NE7C2E		10.85	0.00	-0.06	12.22	-0.04	-0.50
NQCKKH		10.82	-0.03	-0.49	12.22	-0.04	-0.56

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
NVNA7C		10.84	-0.01	-0.20	12.26	0.00	0.02
NW6LPH		10.88	0.02	0.30	12.29	0.03	0.34
PBYFVG	*	10.80	-0.05	-0.77	12.10	-0.16	-2.06
QD3NEK		10.85	0.00	-0.06	12.30	0.04	0.54
QGLNU2		10.86	0.01	0.08	12.27	0.01	0.08
QLVYPF		10.85	-0.01	-0.13	12.26	0.00	0.02
QTCG6A		10.81	-0.05	-0.70	12.28	0.02	0.21
QU9T6H		10.79	-0.06	-0.91	12.18	-0.08	-1.02
R486DH		10.80	-0.05	-0.77	12.18	-0.08	-1.02
RZ74AE		10.88	0.03	0.37	12.30	0.04	0.47
TDWXL8		10.86	0.01	0.08	12.25	-0.01	-0.17
TQ2CJJ		10.86	0.01	0.08	12.29	0.03	0.34
UDQ76B		10.83	-0.02	-0.34	12.22	-0.04	-0.50
UGR769	X	10.98	0.13	1.79	12.21	-0.05	-0.63
UUTZDW		10.79	-0.06	-0.91	12.28	0.02	0.28
V2AXGA		10.75	-0.10	-1.48	12.19	-0.07	-0.95
V2V9H4		10.90	0.04	0.58	12.29	0.03	0.34
W4DT3X		10.84	-0.01	-0.20	12.25	-0.01	-0.11
W6PP83		10.90	0.05	0.65	12.40	0.14	1.84
WCNAAX		10.94	0.08	1.15	12.37	0.11	1.45
WURKHB		10.79	-0.06	-0.91	12.13	-0.13	-1.67
X3E8NX		10.81	-0.04	-0.63	12.21	-0.05	-0.63
Y3UNG6		10.71	-0.14	-2.05	12.20	-0.06	-0.76
Y88NEW		10.80	-0.06	-0.84	12.23	-0.03	-0.37
YTKGGV		10.70	-0.16	-2.26	12.16	-0.10	-1.28
YXJV77		11.05	0.20	2.78	12.40	0.14	1.84
Z2DUEA		10.84	-0.02	-0.27	12.24	-0.02	-0.24
Z2WTB8		10.94	0.08	1.15	12.33	0.07	0.93
Z366TA	X	10.00	-0.85	-12.14	11.25	-1.01	-13.09
ZN9TGY		10.91	0.05	0.72	12.32	0.06	0.80
ZXXGF8		10.86	0.01	0.08	12.24	-0.02	-0.24

Summary Statistics

Grand Means	10.854 percent	12.258 percent
Stnd Dev Btwn Labs	0.070 percent	0.077 percent

Statistics based on 93 of 101 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #901

GQZKJF (X) - Inconsistent in testing between samples.

FRY7XF (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample SA39.

UGR769 (X) - Inconsistent in testing between samples.

9VKGUY (X) - Inconsistent in testing between samples. Extreme Data for sample SA39.

L3ZGUJ (X) - Data for both samples are high. Possible Systematic Error.

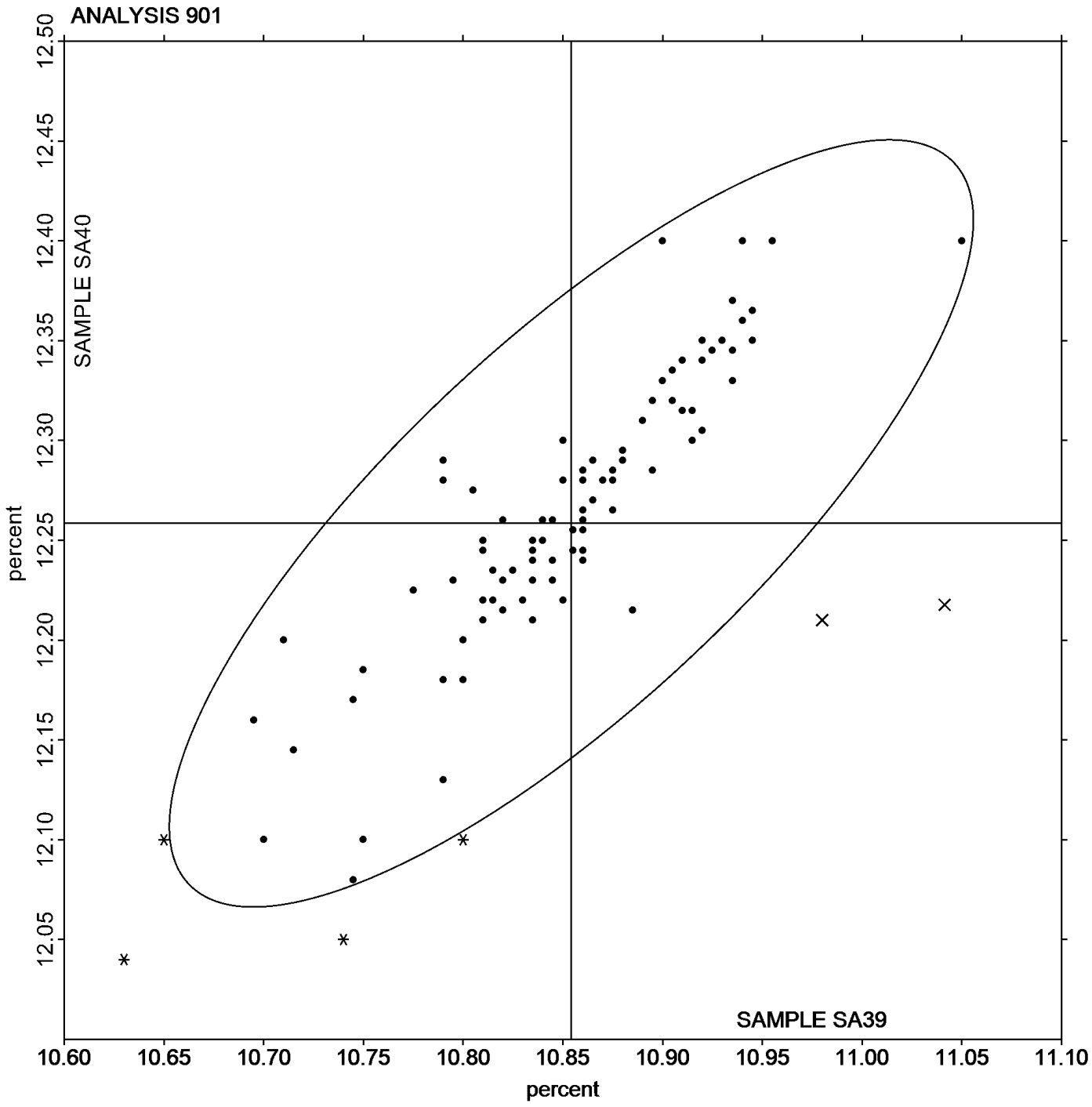
4RH8F2 (X) - Inconsistent in testing between samples, data for sample SA39 are low.

LC6PDQ (X) - Inconsistent in testing between samples, data for sample SA39 are high. Inconsistent within the determinations of both samples.

Z366TA (X) - Data for both samples are low. Possible Systematic Error.

Results by Methodology (as reported by laboratory)

	Sample SA39 *Red Moscato*			Sample SA40 *Sweet Red*			
Test Methodology	**Group Mean**	**Btwn Lab STD**	**Diff from GM**	**Group Mean**	**Btwn Lab STD**	**Diff from GM**	**Labs Incl / Rpt**
Ebulliometer Method	10.825	0.146	-0.03	12.225	0.130	-0.03	5/8
Gas Chromatography Method	10.803	0.074	-0.05	12.220	0.049	-0.04	2/4
Near Infrared Method	10.866	0.060	0.01	12.275	0.069	0.02	65/66
Dist. / Density Method	10.800	0.061	-0.05	12.229	0.078	-0.03	11/12
FTIR	10.795	0.043	-0.06	12.224	0.062	-0.03	7/8
Other _____	10.820	0.074	-0.03	12.170	0.105	-0.09	3/3



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
2R2AA6		113.5	9.2	1.04	76.00	8.03	0.80
34YAM9		90.0	-14.3	-1.63	53.50	-14.47	-1.44
367RL4		108.5	4.2	0.47	79.75	11.78	1.17
3F3ZZZ		101.5	-2.8	-0.32	71.00	3.03	0.30
3V4CVY		106.5	2.2	0.25	70.00	2.03	0.20
43YYZ6		92.0	-12.3	-1.40	52.00	-15.97	-1.59
4BA2L6		95.5	-8.8	-1.01	59.00	-8.97	-0.89
4QLUT9		98.5	-5.8	-0.66	63.00	-4.97	-0.49
4WC448		102.0	-2.3	-0.27	85.00	17.03	1.69
63UYFU		100.0	-4.3	-0.49	56.00	-11.97	-1.19
64KXTT		107.0	2.7	0.30	63.00	-4.97	-0.49
69GME7		108.0	3.7	0.42	63.00	-4.97	-0.49
6E6A8Q		110.0	5.7	0.65	84.00	16.03	1.59
7MW8AK		89.5	-14.8	-1.69	53.00	-14.97	-1.49
7NPVUZ		105.0	0.7	0.08	60.50	-7.47	-0.74
7XH9UZ		104.5	0.2	0.02	65.00	-2.97	-0.29
8A2FZZ	*	123.5	19.1	2.18	66.95	-1.02	-0.10
8BV4HV		108.5	4.2	0.47	81.00	13.03	1.30
8N6EEX		116.0	11.7	1.33	73.50	5.53	0.55
94REGG		110.0	5.7	0.65	69.00	1.03	0.10
9UM7YW		110.5	6.2	0.70	87.50	19.53	1.94
9VKGUY	X	109.0	4.7	0.53	19.00	-48.97	-4.87
A3E66V		96.5	-7.8	-0.89	66.50	-1.47	-0.15
A3HQH3		97.0	-7.3	-0.84	64.00	-3.97	-0.39
ABCULZ		100.0	-4.3	-0.49	73.50	5.53	0.55
AF44RR		97.0	-7.3	-0.84	60.00	-7.97	-0.79
AVEMNX		102.0	-2.3	-0.27	59.50	-8.47	-0.84
AVHCTV		103.5	-0.8	-0.09	74.50	6.53	0.65
AW9B8U		106.5	2.2	0.25	81.00	13.03	1.30
B4NETM		114.0	9.7	1.10	80.00	12.03	1.20
BELE7Q		100.0	-4.3	-0.49	57.50	-10.47	-1.04
BP7L6F		103.5	-0.8	-0.09	77.00	9.03	0.90
BVDC8L		100.5	-3.8	-0.44	55.50	-12.47	-1.24
C9HP7X		119.5	15.2	1.73	81.00	13.03	1.30
CY7TXK		97.0	-7.3	-0.84	61.00	-6.97	-0.69

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
DBEXLR		87.0	-17.3	-1.97	49.00	-18.97	-1.89
DBGK6Q		101.5	-2.8	-0.32	70.50	2.53	0.25
DWZMZQ		93.5	-10.8	-1.23	51.50	-16.47	-1.64
E24TBM		116.0	11.7	1.33	62.00	-5.97	-0.59
EHUXHG		98.5	-5.8	-0.66	66.50	-1.47	-0.15
EMQKAJ	*	121.0	16.7	1.90	65.00	-2.97	-0.29
EZY2KU		98.5	-5.8	-0.66	64.50	-3.47	-0.34
F3GMQM		106.0	1.7	0.19	60.50	-7.47	-0.74
F63QYK		115.0	10.7	1.22	79.50	11.53	1.15
F8BJDT		110.0	5.7	0.65	74.50	6.53	0.65
FBNLZN	*	123.0	18.7	2.13	96.00	28.03	2.79
FEMXVN		98.5	-5.8	-0.66	73.00	5.03	0.50
FMKRTM		106.4	2.0	0.23	69.90	1.93	0.19
FRY7XF		98.0	-6.3	-0.72	60.50	-7.47	-0.74
FY2CGP		98.9	-5.5	-0.62	63.50	-4.47	-0.44
GFG3R9		104.5	0.2	0.02	68.50	0.53	0.05
GJJ24M		121.0	16.7	1.90	70.00	2.03	0.20
GQZKJF		96.7	-7.6	-0.87	52.10	-15.87	-1.58
H84EQF		112.0	7.7	0.87	63.50	-4.47	-0.44
HG42HC	*	102.0	-2.3	-0.27	86.00	18.03	1.79
J9EDLN		111.5	7.2	0.82	70.50	2.53	0.25
K3KVNN		115.0	10.7	1.22	73.00	5.03	0.50
KHB3GF		102.5	-1.8	-0.21	78.50	10.53	1.05
KLAEDF		94.5	-9.8	-1.12	68.50	0.53	0.05
KU84XQ	*	81.7	-22.6	-2.57	50.20	-17.77	-1.77
L2MA7G		101.0	-3.3	-0.38	71.00	3.03	0.30
L3ZGUJ		113.0	8.7	0.99	82.00	14.03	1.40
LAY7CA		107.5	3.2	0.36	65.00	-2.97	-0.29
LC6PDQ		109.0	4.7	0.53	60.00	-7.97	-0.79
MDFTKM		106.0	1.7	0.19	66.00	-1.97	-0.20
MKCLWM		107.0	2.7	0.30	67.00	-0.97	-0.10
NAAKXN		100.5	-3.8	-0.44	68.50	0.53	0.05
NE7C2E		114.5	10.2	1.16	84.00	16.03	1.59
NQCKKH		109.2	4.8	0.55	56.80	-11.16	-1.11
NVNA7C		101.5	-2.8	-0.32	71.00	3.03	0.30

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
NW6LPH		97.5	-6.8	-0.78	66.00	-1.97	-0.20
PBYFVG		103.4	-0.9	-0.11	70.60	2.63	0.26
QD3NEK		116.0	11.7	1.33	81.60	13.63	1.36
QGLNU2		99.5	-4.8	-0.55	71.50	3.53	0.35
QLVYPF		105.5	1.2	0.13	60.00	-7.97	-0.79
QTCG6A		100.0	-4.3	-0.49	61.00	-6.97	-0.69
QU9T6H		111.6	7.3	0.83	80.65	12.68	1.26
R486DH	*	126.0	21.7	2.47	88.00	20.03	1.99
TDWXL8		107.0	2.7	0.30	64.50	-3.47	-0.34
TQ2CJJ	X	133.0	28.7	3.27	75.50	7.53	0.75
UDQ76B		96.5	-7.8	-0.89	64.00	-3.97	-0.39
UGR769		105.0	0.7	0.08	74.50	6.53	0.65
UUTZDW		96.7	-7.7	-0.87	55.50	-12.47	-1.24
V2AXGA		96.5	-7.8	-0.89	65.00	-2.97	-0.29
V2V9H4		107.5	3.2	0.36	68.50	0.53	0.05
VXTBAW		105.0	0.7	0.08	73.00	5.03	0.50
W4DT3X		87.0	-17.3	-1.97	44.50	-23.47	-2.33
W6PP83		109.5	5.2	0.59	79.50	11.53	1.15
WCNAAX	*	124.0	19.7	2.24	72.00	4.03	0.40
WURKHB		97.5	-6.8	-0.78	70.50	2.53	0.25
X3E8NX	*	81.5	-22.8	-2.60	52.00	-15.97	-1.59
Y3UNG6		102.7	-1.6	-0.18	62.06	-5.91	-0.59
Y88NEW		100.5	-3.8	-0.44	54.50	-13.47	-1.34
YTKGGV		97.0	-7.3	-0.84	56.50	-11.47	-1.14
YXJV77		105.0	0.7	0.08	72.00	4.03	0.40
Z2DUEA		105.0	0.7	0.08	76.50	8.53	0.85
Z2WTB8		104.0	-0.3	-0.04	72.50	4.53	0.45
ZN9TGY		102.0	-2.3	-0.27	60.50	-7.47	-0.74
ZXXGF8		111.0	6.7	0.76	74.00	6.03	0.60

Summary Statistics

Grand Means	104.33 mg/L	67.965 mg/L
Stnd Dev Btwn Labs	8.78 mg/L	10.058 mg/L

Statistics based on 97 of 99 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

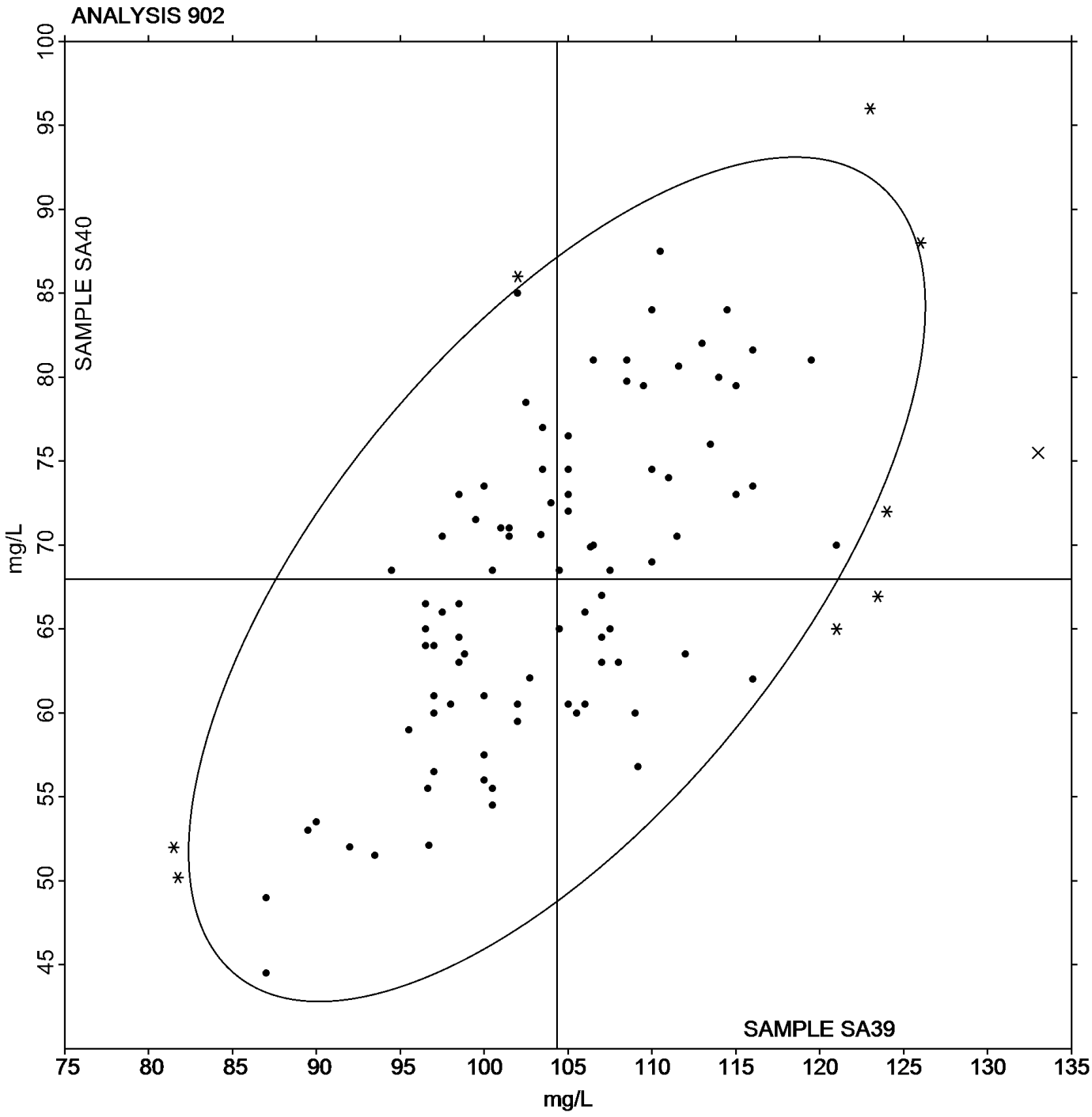
Comments on Assigned Data Flags for Test #902

9VKGUY (X) - Inconsistent in testing between samples, data for sample SA40 are low.

TQ2CJJ (X) - Inconsistent in testing between samples, data for sample SA39 are high.

Results by Methodology (as reported by laboratory)

	Sample SA39 *Red Moscato*			Sample SA40 *Sweet Red*			
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	108.500	0.000	4.2	81.000	0.000	13.0	1/1
Ripper Method	103.227	8.142	-1.1	72.808	8.549	4.8	39/40
Aeration Oxidation (AO) Method	99.957	7.335	-4.4	61.079	7.237	-6.9	16/16
Segemented Flow Analyzer	103.000	5.825	-1.3	60.750	5.751	-7.2	8/8
Enzymatic Method	105.643	8.707	1.3	70.857	11.629	2.9	7/7
Colormetric Analyzer	114.496	9.555	10.2	69.996	11.058	2.0	13/14
FTIR	104.833	6.212	0.5	68.500	4.330	0.5	3/3
Flow Injection Analysis	102.005	6.772	-2.3	59.740	7.826	-8.2	10/10



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
2R2AA6		17.50	-0.76	-0.28	14.50	-0.38	-0.14
34YAM9		17.00	-1.26	-0.46	14.00	-0.88	-0.32
367RL4		21.15	2.89	1.05	19.20	4.32	1.57
3F3ZZZ		19.50	1.24	0.45	16.50	1.62	0.59
3V4CVY		17.05	-1.21	-0.44	14.55	-0.33	-0.12
43YYZ6		19.00	0.74	0.27	13.00	-1.88	-0.68
4BA2L6		14.50	-3.76	-1.37	11.00	-3.88	-1.41
4QLUT9		15.00	-3.26	-1.19	13.50	-1.38	-0.50
4RH8F2		16.80	-1.46	-0.53	13.60	-1.28	-0.47
4WC448	X	21.50	3.24	1.18	23.00	8.12	2.95
63UYFU		15.00	-3.26	-1.19	11.00	-3.88	-1.41
64KXTT		18.00	-0.26	-0.09	14.35	-0.53	-0.19
69GME7		14.90	-3.36	-1.22	11.60	-3.28	-1.19
6E6A8Q		23.00	4.74	1.73	19.00	4.12	1.50
7MW8AK		19.50	1.24	0.45	17.00	2.12	0.77
7NPVUZ		14.50	-3.76	-1.37	11.00	-3.88	-1.41
7XH9UZ		18.00	-0.26	-0.09	14.00	-0.88	-0.32
8A2FZZ		14.70	-3.56	-1.30	12.60	-2.28	-0.83
8BV4HV		19.50	1.24	0.45	15.00	0.12	0.04
8N6EEX		14.50	-3.76	-1.37	13.50	-1.38	-0.50
94REGG		18.00	-0.26	-0.09	15.00	0.12	0.04
9UM7YW		16.50	-1.76	-0.64	12.50	-2.38	-0.87
9VKGUY		16.50	-1.76	-0.64	16.00	1.12	0.41
A3E66V		18.00	-0.26	-0.09	15.00	0.12	0.04
A3HQH3		15.00	-3.26	-1.19	15.00	0.12	0.04
ABCULZ		20.00	1.74	0.63	15.00	0.12	0.04
AF44RR		14.00	-4.26	-1.55	11.50	-3.38	-1.23
AVEMNX		19.00	0.74	0.27	15.50	0.62	0.23
AVHCTV		22.00	3.74	1.36	18.00	3.12	1.13
AW9B8U		21.00	2.74	1.00	17.00	2.12	0.77
B4NETM		18.00	-0.26	-0.09	15.50	0.62	0.23
BELE7Q		20.00	1.74	0.63	18.00	3.12	1.13
BP7L6F	*	20.00	1.74	0.63	20.50	5.62	2.04
BVDC8L		16.00	-2.26	-0.82	12.00	-2.88	-1.05
C9HP7X		15.50	-2.76	-1.01	12.00	-2.88	-1.05

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
CY7TXK		16.50	-1.76	-0.64	17.00	2.12	0.77
DBEXLR		20.00	1.74	0.63	18.00	3.12	1.13
DBGK6Q	*	23.00	4.74	1.73	22.50	7.62	2.77
DWZMZQ		15.50	-2.76	-1.01	11.50	-3.38	-1.23
E24TBM		16.10	-2.16	-0.79	11.70	-3.18	-1.16
EHUXHG		19.00	0.74	0.27	16.00	1.12	0.41
EMQKAJ		21.00	2.74	1.00	16.00	1.12	0.41
EZY2KU		22.00	3.74	1.36	17.00	2.12	0.77
F3GMQM		16.00	-2.26	-0.82	11.50	-3.38	-1.23
F63QYK		14.00	-4.26	-1.55	12.00	-2.88	-1.05
F8BJDT		15.50	-2.76	-1.01	12.00	-2.88	-1.05
FBNLZN	X	25.00	6.74	2.46	25.00	10.12	3.68
FEMXVN		19.00	0.74	0.27	15.00	0.12	0.04
FMKRTM		18.75	0.49	0.18	14.70	-0.18	-0.07
FRY7XF	*	24.00	5.74	2.09	17.50	2.62	0.95
FY2CGP		17.30	-0.96	-0.35	15.50	0.62	0.23
GFG3R9		18.00	-0.26	-0.09	14.00	-0.88	-0.32
GJJ24M		15.50	-2.76	-1.01	12.00	-2.88	-1.05
GQZKJF		16.35	-1.91	-0.70	11.86	-3.02	-1.10
H84EQF		18.00	-0.26	-0.09	14.00	-0.88	-0.32
HG42HC	X	23.00	4.74	1.73	25.00	10.12	3.68
J7MGYF		21.50	3.24	1.18	18.00	3.12	1.13
J9EDLN		22.00	3.74	1.36	18.50	3.62	1.32
K3KVNN	X	21.00	2.74	1.00	23.50	8.62	3.13
KHB3GF		21.50	3.24	1.18	20.50	5.62	2.04
KLAEDF		17.50	-0.76	-0.28	14.50	-0.38	-0.14
KU84XQ		16.12	-2.14	-0.78	12.48	-2.40	-0.87
L2MA7G		22.00	3.74	1.36	18.00	3.12	1.13
L3ZGUJ		19.00	0.74	0.27	15.00	0.12	0.04
LAY7CA		16.30	-1.96	-0.71	13.30	-1.58	-0.57
LC6PDQ	*	15.00	-3.26	-1.19	8.00	-6.88	-2.50
MDFTKM		18.00	-0.26	-0.09	16.00	1.12	0.41
MKCLWM		17.00	-1.26	-0.46	13.00	-1.88	-0.68
NAAKXN		18.00	-0.26	-0.09	15.00	0.12	0.04
NE7C2E	X	27.50	9.24	3.37	33.50	18.62	6.77

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
NQCKKH		14.92	-3.34	-1.22	11.25	-3.63	-1.32
NVNA7C		19.00	0.74	0.27	15.00	0.12	0.04
NW6LPH		19.00	0.74	0.27	15.50	0.62	0.23
PBYFVG	*	20.20	1.94	0.71	20.20	5.32	1.93
QD3NEK		23.00	4.74	1.73	19.84	4.96	1.80
QGLNU2		19.00	0.74	0.27	15.00	0.12	0.04
QLVYPF		18.00	-0.26	-0.09	13.50	-1.38	-0.50
QTCG6A		19.50	1.24	0.45	14.50	-0.38	-0.14
QU9T6H		24.55	6.29	2.29	19.50	4.62	1.68
R486DH		16.00	-2.26	-0.82	12.00	-2.88	-1.05
RZ74AE		18.00	-0.26	-0.09	13.00	-1.88	-0.68
TDWXL8		19.50	1.24	0.45	15.50	0.62	0.23
TQ2CJJ		19.00	0.74	0.27	15.00	0.12	0.04
UDQ76B		17.00	-1.26	-0.46	13.00	-1.88	-0.68
UGR769		21.50	3.24	1.18	15.00	0.12	0.04
UUTZDW		15.05	-3.21	-1.17	11.55	-3.33	-1.21
V2AXGA		22.00	3.74	1.36	16.00	1.12	0.41
V2V9H4		22.00	3.74	1.36	20.00	5.12	1.86
W4DT3X		15.00	-3.26	-1.19	14.00	-0.88	-0.32
W6PP83		23.00	4.74	1.73	19.00	4.12	1.50
WCNAAX		16.00	-2.26	-0.82	14.50	-0.38	-0.14
WURKHB		17.32	-0.94	-0.34	13.20	-1.68	-0.61
X3E8NX		17.00	-1.26	-0.46	13.00	-1.88	-0.68
Y3UNG6		23.54	5.28	1.92	18.19	3.31	1.20
Y88NEW	*	18.00	-0.26	-0.09	10.50	-4.38	-1.59
YTKGGV		20.00	1.74	0.63	16.00	1.12	0.41
YXJV77	*	11.20	-7.06	-2.57	11.20	-3.68	-1.34
Z2DUEA		17.50	-0.76	-0.28	15.00	0.12	0.04
Z2WTB8		18.50	0.24	0.09	16.00	1.12	0.41
ZN9TGY		16.50	-1.76	-0.64	14.00	-0.88	-0.32
ZXXGF8		24.00	5.74	2.09	19.00	4.12	1.50

Summary Statistics

	SA39	SA40
Grand Means	18.258 mg/L	14.879 mg/L
Stnd Dev Btwn Labs	2.744 mg/L	2.750 mg/L

Statistics based on 96 of 101 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #903

HG42HC (X) - Inconsistent in testing between samples, data for sample SA40 are high.

NE7C2E (X) - Data for both samples are high.

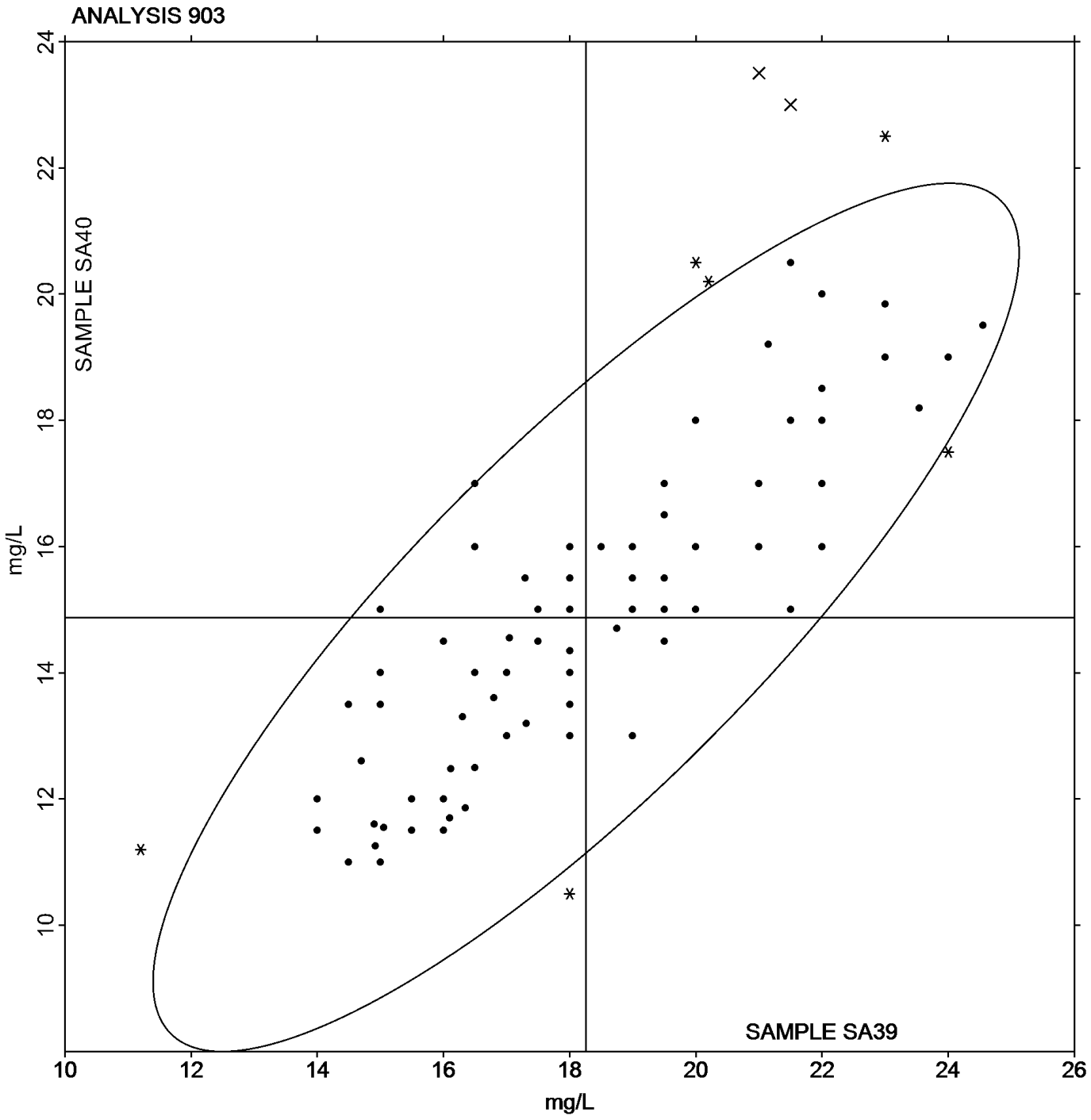
FBNLZN (X) - Inconsistent in testing between samples, data for sample SA40 are high.

K3KVNN (X) - Inconsistent in testing between samples, data for sample SA40 are high.

4WC448 (X) - Inconsistent in testing between samples, data for sample SA40 are high.

Results by Methodology (as reported by laboratory)

	Sample SA39 *Red Moscato*			Sample SA40 *Sweet Red*			
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	19.500	0.000	1.24	15.000	0.000	0.12	1/1
Ripper Method	20.134	2.361	1.88	16.767	2.693	1.89	29/33
Aeration Oxidation (AO) Method	17.784	2.888	-0.47	14.796	2.427	-0.08	30/30
Segmented Flow Analyzer	17.422	1.719	-0.84	13.739	1.714	-1.14	9/9
Enzymatic Method	16.683	1.049	-1.57	13.683	1.458	-1.20	3/3
Colormetric Analyzer	16.520	2.133	-1.74	12.840	1.556	-2.04	10/11
Flow Injection Analysis	16.631	2.454	-1.63	12.766	2.895	-2.11	10/10
FTIR	19.375	1.887	1.12	15.625	1.974	0.75	4/4



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
2R2AA6		6.450	-0.199	-0.58	6.300	-0.001	-0.01
34YAM9		7.300	0.651	1.90	6.600	0.299	1.67
367RL4		6.705	0.056	0.16	6.290	-0.011	-0.06
3F3ZZZ		6.520	-0.129	-0.38	5.905	-0.396	-2.21
3V4CVY		6.950	0.301	0.88	6.300	-0.001	-0.01
43YYZ6		6.300	-0.349	-1.02	6.170	-0.131	-0.73
4BA2L6		6.705	0.056	0.16	6.285	-0.016	-0.09
4QLUT9		7.390	0.741	2.16	6.400	0.099	0.55
4RH8F2	X	3.600	-3.049	-8.89	6.350	0.049	0.27
4WC448		6.720	0.071	0.21	6.285	-0.016	-0.09
63UYFU		6.400	-0.249	-0.73	6.100	-0.201	-1.12
64KXTT		6.600	-0.049	-0.14	5.950	-0.351	-1.96
69GME7		6.460	-0.189	-0.55	6.265	-0.036	-0.20
6E6A8Q		7.265	0.616	1.80	6.235	-0.066	-0.37
7MW8AK		6.450	-0.199	-0.58	6.175	-0.126	-0.70
7NPVUZ		7.300	0.651	1.90	6.500	0.199	1.11
7XH9UZ		6.400	-0.249	-0.73	6.200	-0.101	-0.57
8A2FZZ		6.835	0.186	0.54	6.360	0.059	0.33
8N6EEX		6.685	0.036	0.10	6.505	0.204	1.14
94REGG		6.400	-0.249	-0.73	6.200	-0.101	-0.57
9UM7YW		6.750	0.101	0.29	6.300	-0.001	-0.01
9VKGUY	X	8.700	2.051	5.98	6.700	0.399	2.22
A3E66V		6.600	-0.049	-0.14	6.150	-0.151	-0.84
A3HQH3		5.920	-0.729	-2.13	6.000	-0.301	-1.68
ABCULZ		7.295	0.646	1.88	6.370	0.069	0.38
AF44RR		6.490	-0.159	-0.46	6.255	-0.046	-0.26
AVEMNX		6.650	0.001	0.00	6.450	0.149	0.83
AVHCTV		6.455	-0.194	-0.57	6.350	0.049	0.27
AW9B8U		7.200	0.551	1.61	6.300	-0.001	-0.01
B4NETM		6.450	-0.199	-0.58	6.200	-0.101	-0.57
BELE7Q		6.360	-0.289	-0.84	6.195	-0.106	-0.59
BP7L6F		6.600	-0.049	-0.14	6.400	0.099	0.55
BVDC8L		7.250	0.601	1.75	6.350	0.049	0.27
C9HP7X		6.805	0.156	0.45	6.695	0.394	2.20
CY7TXK		6.490	-0.159	-0.46	6.305	0.004	0.02

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
DBEXLR		6.980	0.331	0.96	6.620	0.319	1.78
DBGK6Q		7.200	0.551	1.61	6.550	0.249	1.39
DWZMZQ		6.470	-0.179	-0.52	6.480	0.179	1.00
E24TBM		6.445	-0.204	-0.60	6.260	-0.041	-0.23
EHUXHG		6.400	-0.249	-0.73	6.200	-0.101	-0.57
EMQKAJ		6.550	-0.099	-0.29	6.290	-0.011	-0.06
EZY2KU		6.650	0.001	0.00	6.600	0.299	1.67
F63QYK		6.400	-0.249	-0.73	6.300	-0.001	-0.01
F8BJDT	*	6.150	-0.499	-1.46	5.850	-0.451	-2.52
FBNLZN		6.710	0.061	0.18	6.310	0.009	0.05
FEMXVN		6.925	0.276	0.80	6.290	-0.011	-0.06
FMKRTM		6.520	-0.129	-0.38	6.175	-0.126	-0.70
FRY7XF		6.700	0.051	0.15	6.350	0.049	0.27
FY2CGP		6.835	0.186	0.54	6.335	0.034	0.19
GFG3R9		6.335	-0.314	-0.92	6.210	-0.091	-0.51
GJJ24M		6.500	-0.149	-0.44	6.400	0.099	0.55
GQZKJF		6.420	-0.229	-0.67	6.245	-0.056	-0.31
H84EQF		6.645	-0.004	-0.01	6.290	-0.011	-0.06
HG42HC		6.810	0.161	0.47	6.320	0.019	0.10
J7MGYF		6.695	0.046	0.13	6.130	-0.171	-0.96
J9EDLN		6.495	-0.154	-0.45	6.365	0.064	0.36
K3KVNN		7.285	0.636	1.85	6.495	0.194	1.08
KHB3GF		6.550	-0.099	-0.29	6.200	-0.101	-0.57
KLAEDF		6.400	-0.249	-0.73	6.350	0.049	0.27
KU84XQ		6.305	-0.344	-1.00	6.270	-0.031	-0.17
L2MA7G		6.550	-0.099	-0.29	6.315	0.014	0.08
L3ZGUJ		6.000	-0.649	-1.89	6.200	-0.101	-0.57
LAY7CA		6.380	-0.269	-0.79	6.180	-0.121	-0.68
LC6PDQ		6.260	-0.389	-1.14	6.235	-0.066	-0.37
MDFTKM	*	6.100	-0.549	-1.60	5.800	-0.501	-2.80
MKCLWM		6.500	-0.149	-0.44	6.300	-0.001	-0.01
NAAKXN		7.030	0.381	1.11	6.455	0.154	0.86
NE7C2E		7.410	0.761	2.22	6.495	0.194	1.08
NQCKKH		6.475	-0.174	-0.51	6.410	0.109	0.61
NVNA7C		6.490	-0.159	-0.46	6.415	0.114	0.63

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
NW6LPH		6.600	-0.049	-0.14	6.250	-0.051	-0.29
PBYFVG	*	7.500	0.851	2.48	6.680	0.379	2.11
QD3NEK		6.425	-0.224	-0.65	6.390	0.089	0.49
QGLNU2		6.660	0.011	0.03	5.965	-0.336	-1.88
QLVYPF		6.750	0.101	0.29	6.350	0.049	0.27
QU9T6H		7.000	0.351	1.02	6.400	0.099	0.55
R486DH		6.480	-0.169	-0.49	6.410	0.109	0.61
RZ74AE	*	6.250	-0.399	-1.16	6.600	0.299	1.67
TDWXL8		6.550	-0.099	-0.29	6.300	-0.001	-0.01
TQ2CJJ		6.500	-0.149	-0.44	6.400	0.099	0.55
UDQ76B		6.400	-0.249	-0.73	6.100	-0.201	-1.12
UGR769		6.890	0.241	0.70	6.497	0.196	1.09
UUTZDW		6.400	-0.249	-0.73	6.300	-0.001	-0.01
V2AXGA	*	6.650	0.001	0.00	5.890	-0.411	-2.29
V2V9H4	X	7.900	1.251	3.65	6.700	0.399	2.22
VXTBAW		7.051	0.402	1.17	6.372	0.071	0.39
W4DT3X		7.050	0.401	1.17	6.300	-0.001	-0.01
W6PP83	*	6.020	-0.629	-1.84	5.850	-0.451	-2.52
WCNAAX		6.480	-0.169	-0.49	6.250	-0.051	-0.29
WURKHB		6.505	-0.144	-0.42	6.285	-0.016	-0.09
X3E8NX		6.650	0.001	0.00	6.300	-0.001	-0.01
Y3UNG6	X	5.775	-0.874	-2.55	5.625	-0.676	-3.77
Y88NEW		6.980	0.331	0.96	6.650	0.349	1.94
YTKGGV		5.995	-0.654	-1.91	6.080	-0.221	-1.23
YXJV77	X	7.800	1.151	3.36	7.000	0.699	3.90
Z2DUEA		6.810	0.161	0.47	6.470	0.169	0.94
Z2WTB8		6.673	0.024	0.07	6.302	0.001	0.00
ZN9TGY		7.350	0.701	2.04	6.500	0.199	1.11
ZXXGF8		6.700	0.051	0.15	6.400	0.099	0.55

Summary Statistics

Grand Means	6.6494 g/L as tartaric acid	6.3013 g/L as tartaric acid
Stnd Dev Btwn Labs	0.3430 g/L as tartaric acid	0.1793 g/L as tartaric acid

Statistics based on 94 of 99 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #904

V2V9H4 (X) - Data for sample SA39 are high. Inconsistent within the determinations of both samples.

Y3UNG6 (X) - Data for sample SA40 are low.

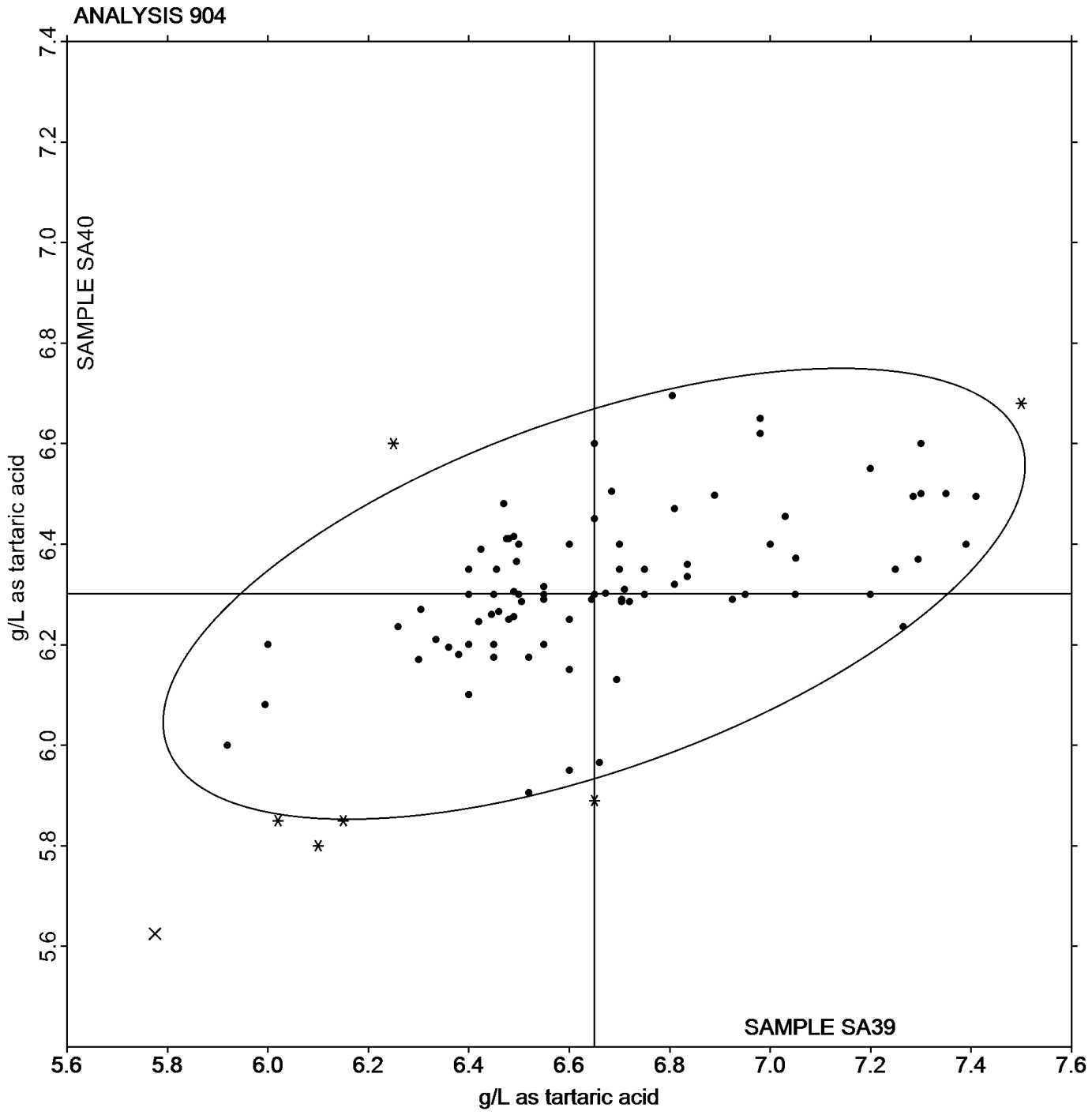
9VKGUY (X) - Data for sample SA39 are high.

YXJV77 (X) - Data for both samples are high.

4RH8F2 (X) - Data for sample SA39 are low.

Results by Methodology (as reported by laboratory)

	Sample SA39 *Red Moscato*			Sample SA40 *Sweet Red*			
Test Methodology	**Group Mean**	**Btwn Lab STD**	**Diff from GM**	**Group Mean**	**Btwn Lab STD**	**Diff from GM**	**Labs Incl / Rpt**
Autotitration	6.700	0.335	0.051	6.310	0.155	0.009	63/65
Manual Titration	6.585	0.384	-0.065	6.328	0.208	0.027	22/25
FTIR	6.432	0.180	-0.217	6.203	0.233	-0.099	8/8
Segmented Flow Analyzer	6.600	0.000	-0.049	5.950	0.000	-0.351	1/1



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
2R2AA6		0.1850	-0.0347	-1.09	0.3100	-0.0384	-1.05
34YAM9		0.1950	-0.0247	-0.78	0.3050	-0.0434	-1.19
367RL4		0.2000	-0.0197	-0.62	0.3300	-0.0184	-0.50
3F3ZZZ		0.2050	-0.0147	-0.46	0.3300	-0.0184	-0.50
3V4CVY		0.1800	-0.0397	-1.25	0.2700	-0.0784	-2.14
43YYZ6		0.2200	0.0003	0.01	0.3800	0.0316	0.86
4BA2L6		0.1850	-0.0347	-1.09	0.3250	-0.0234	-0.64
4QLUT9		0.2150	-0.0047	-0.15	0.3450	-0.0034	-0.09
4WC448		0.2550	0.0353	1.12	0.4000	0.0516	1.41
63UYFU		0.2700	0.0503	1.59	0.4300	0.0816	2.23
64KXTT		0.2600	0.0403	1.27	0.3950	0.0466	1.27
69GME7		0.2200	0.0003	0.01	0.3500	0.0016	0.04
6E6A8Q		0.2000	-0.0197	-0.62	0.3300	-0.0184	-0.50
7MW8AK	X	0.1600	-0.0597	-1.88	0.1950	-0.1534	-4.19
7NPVUZ		0.1850	-0.0347	-1.09	0.3150	-0.0334	-0.91
7XH9UZ	X	0.1400	-0.0797	-2.51	0.3350	-0.0134	-0.37
8A2FZZ		0.2030	-0.0167	-0.53	0.3210	-0.0274	-0.75
8BV4HV		0.2050	-0.0147	-0.46	0.3250	-0.0234	-0.64
8N6EEX		0.2000	-0.0197	-0.62	0.3250	-0.0234	-0.64
94REGG		0.2600	0.0403	1.27	0.4000	0.0516	1.41
9UM7YW		0.1600	-0.0597	-1.88	0.2800	-0.0684	-1.87
9VKGUY	*	0.2650	0.0453	1.43	0.3450	-0.0034	-0.09
A3E66V		0.2000	-0.0197	-0.62	0.3300	-0.0184	-0.50
A3HQH3		0.2400	0.0203	0.64	0.3500	0.0016	0.04
ABCULZ		0.1850	-0.0347	-1.09	0.2800	-0.0684	-1.87
AF44RR		0.2500	0.0303	0.96	0.3500	0.0016	0.04
AVEMNX		0.2000	-0.0197	-0.62	0.3400	-0.0084	-0.23
AVHCTV		0.2200	0.0003	0.01	0.3400	-0.0084	-0.23
AW9B8U		0.2100	-0.0097	-0.30	0.3500	0.0016	0.04
B4NETM	X	0.3700	0.1503	4.74	0.4450	0.0966	2.64
BELE7Q		0.2050	-0.0147	-0.46	0.3350	-0.0134	-0.37
BP7L6F		0.2000	-0.0197	-0.62	0.3250	-0.0234	-0.64
BVDC8L		0.2400	0.0203	0.64	0.3800	0.0316	0.86
C9HP7X		0.1900	-0.0297	-0.94	0.3240	-0.0244	-0.67
CY7TXK		0.1800	-0.0397	-1.25	0.3400	-0.0084	-0.23

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
DBEXLR		0.1800	-0.0397	-1.25	0.3200	-0.0284	-0.78
DBGK6Q		0.2100	-0.0097	-0.30	0.3400	-0.0084	-0.23
DWZMZQ		0.2950	0.0753	2.38	0.4200	0.0716	1.96
E24TBM		0.2135	-0.0062	-0.19	0.3510	0.0026	0.07
EHUXHG		0.2000	-0.0197	-0.62	0.3350	-0.0134	-0.37
EMQKAJ		0.2760	0.0563	1.78	0.3685	0.0201	0.55
EZY2KU		0.2050	-0.0147	-0.46	0.3250	-0.0234	-0.64
F63QYK		0.1900	-0.0297	-0.94	0.3200	-0.0284	-0.78
F8BJDT		0.2000	-0.0197	-0.62	0.3000	-0.0484	-1.32
FBNLZN		0.2200	0.0003	0.01	0.3700	0.0216	0.59
FEMXVN		0.1550	-0.0647	-2.04	0.2600	-0.0884	-2.42
FMKRTM		0.2005	-0.0192	-0.60	0.3375	-0.0109	-0.30
FRY7XF		0.2850	0.0653	2.06	0.3900	0.0416	1.14
FY2CGP	X	0.3250	0.1053	3.32	0.3750	0.0266	0.73
GFG3R9		0.2650	0.0453	1.43	0.4250	0.0766	2.10
GJJ24M	X	0.3350	0.1153	3.64	0.4550	0.1066	2.92
GQZKJF		0.2155	-0.0042	-0.13	0.3465	-0.0019	-0.05
H84EQF	X	0.1800	-0.0397	-1.25	0.3800	0.0316	0.86
HG42HC		0.2500	0.0303	0.96	0.3950	0.0466	1.27
J9EDLN		0.1800	-0.0397	-1.25	0.3150	-0.0334	-0.91
K3KVNN		0.1850	-0.0347	-1.09	0.3150	-0.0334	-0.91
KHB3GF		0.2450	0.0253	0.80	0.3850	0.0366	1.00
KLAEDF	*	0.2600	0.0403	1.27	0.4400	0.0916	2.51
KU84XQ	*	0.1900	-0.0297	-0.94	0.3700	0.0216	0.59
L2MA7G	X	22.0000	21.7803	687.30	18.0000	17.6516	482.66
L3ZGUJ		0.2000	-0.0197	-0.62	0.3500	0.0016	0.04
LAY7CA		0.2150	-0.0047	-0.15	0.3550	0.0066	0.18
LC6PDQ		0.2300	0.0103	0.33	0.3350	-0.0134	-0.37
MDFTKM		0.2400	0.0203	0.64	0.3900	0.0416	1.14
MKCLWM		0.2100	-0.0097	-0.30	0.3500	0.0016	0.04
NAAKXN		0.2350	0.0153	0.48	0.3600	0.0116	0.32
NE7C2E		0.2500	0.0303	0.96	0.3800	0.0316	0.86
NQCKKH		0.2250	0.0053	0.17	0.3400	-0.0084	-0.23
NVNA7C		0.2200	0.0003	0.01	0.3450	-0.0034	-0.09
NW6LPH		0.2250	0.0053	0.17	0.3100	-0.0384	-1.05

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
PBYFVG		0.1980	-0.0217	-0.68	0.3340	-0.0144	-0.39
QGLNU2		0.2100	-0.0097	-0.30	0.3150	-0.0334	-0.91
QLVYPF		0.2150	-0.0047	-0.15	0.3250	-0.0234	-0.64
QTCG6A		0.2200	0.0003	0.01	0.3600	0.0116	0.32
QU9T6H	*	0.3150	0.0953	3.01	0.4250	0.0766	2.10
R486DH	X	0.4000	0.1803	5.69	0.4100	0.0616	1.68
RZ74AE	X	0.1100	-0.1097	-3.46	0.3750	0.0266	0.73
TDWXL8		0.2400	0.0203	0.64	0.3650	0.0166	0.45
TQ2CJJ		0.2300	0.0103	0.33	0.3900	0.0416	1.14
UDQ76B	X	0.3050	0.0853	2.69	0.3900	0.0416	1.14
UGR769		0.2050	-0.0147	-0.46	0.3350	-0.0134	-0.37
UUTZDW		0.2000	-0.0197	-0.62	0.3250	-0.0234	-0.64
V2AXGA		0.2075	-0.0122	-0.38	0.2920	-0.0564	-1.54
V2V9H4		0.2200	0.0003	0.01	0.3550	0.0066	0.18
W4DT3X	X	0.4000	0.1803	5.69	0.5100	0.1616	4.42
W6PP83		0.2600	0.0403	1.27	0.3700	0.0216	0.59
WCNAAX		0.2250	0.0053	0.17	0.3650	0.0166	0.45
WURKHB		0.2050	-0.0147	-0.46	0.3300	-0.0184	-0.50
X3E8NX	X	0.2500	0.0303	0.96	0.4600	0.1116	3.05
Y3UNG6		0.2520	0.0323	1.02	0.3960	0.0476	1.30
Y88NEW	X	0.2900	0.0703	2.22	0.3500	0.0016	0.04
YTKGGV		0.2400	0.0203	0.64	0.3900	0.0416	1.14
YXJV77		0.2300	0.0103	0.33	0.3400	-0.0084	-0.23
Z2DUEA		0.2350	0.0153	0.48	0.3750	0.0266	0.73
Z2WTB8	X	0.2900	0.0703	2.22	0.3400	-0.0084	-0.23
ZN9TGY	*	0.2950	0.0753	2.38	0.4000	0.0516	1.41
ZXXGF8		0.1700	-0.0497	-1.57	0.3300	-0.0184	-0.50

Summary Statistics

Grand Means

0.21965 g/L as acetic acid — 0.34838 g/L as acetic acid

Stnd Dev Btwn Labs

0.03169 g/L as acetic acid — 0.03657 g/L as acetic acid

Statistics based on 83 of 97 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #905

7MW8AK (X) - Inconsistent in testing between samples, data for sample SA40 are low. Inconsistent within the determinations of sample SA40.

H84EQF (X) - Inconsistent in testing between samples.

B4NETM (X) - Inconsistent in testing between samples, data for sample SA39 are high.

W4DT3X (X) - Data for both samples are high. Inconsistent within the determinations of both samples.

Y88NEW (X) - Inconsistent in testing between samples.

X3E8NX (X) - Inconsistent in testing between samples, data for sample SA40 are high. Inconsistent within the determinations of sample SA40.

L2MA7G (X) - Extreme data.

UDQ76B (X) - Inconsistent in testing between samples.

RZ74AE (X) - Inconsistent in testing between samples, data for sample SA39 are low. Inconsistent within the determinations of sample SA39.

7XH9UZ (X) - Inconsistent in testing between samples.

Z2WTB8 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample SA39.

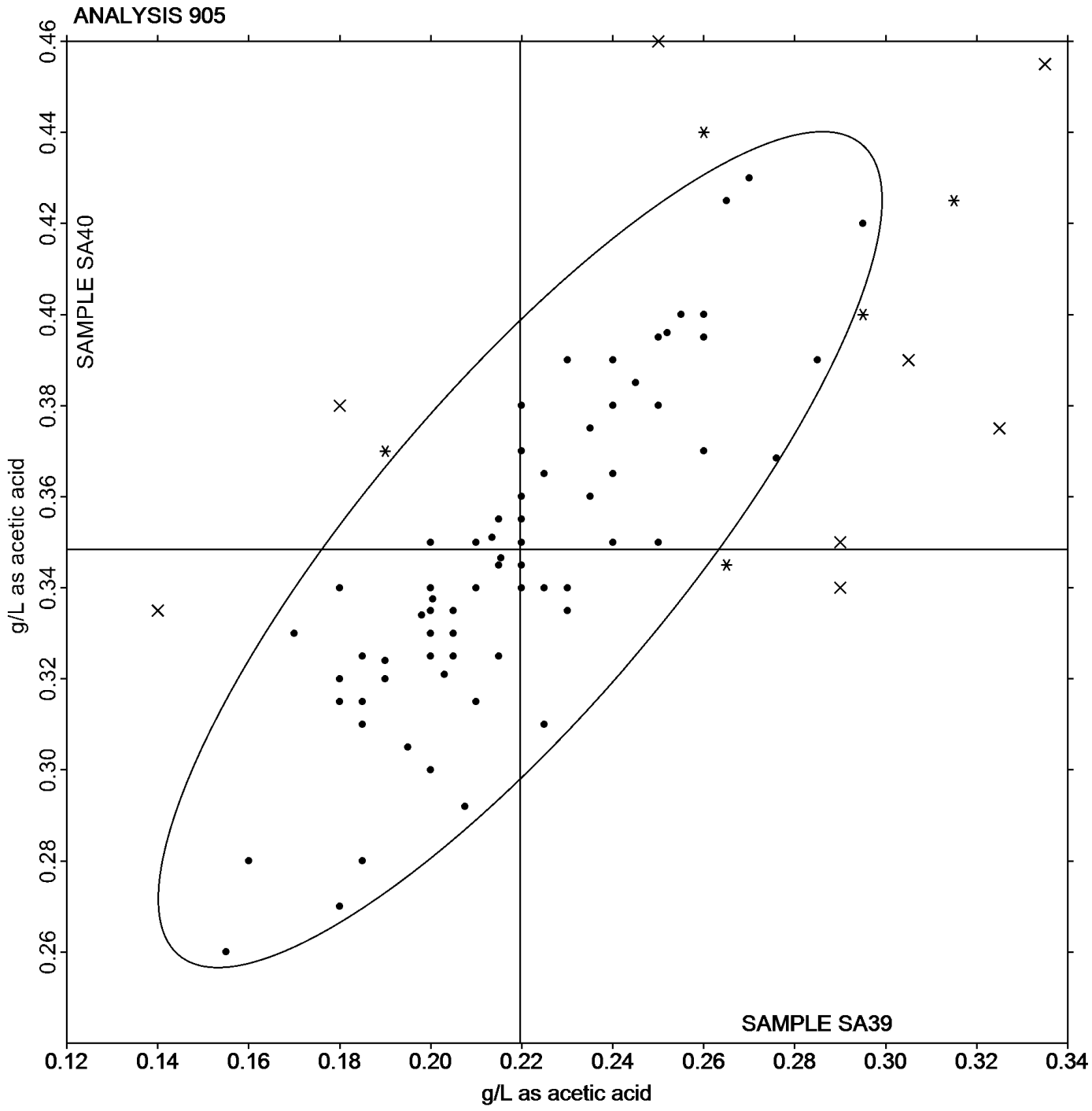
GJJ24M (X) - Data for both samples are high. Possible Systematic Error.

FY2CGP (X) - Inconsistent in testing between samples, data for sample SA39 are high. Inconsistent within the determinations of sample SA39.

R486DH (X) - Inconsistent in testing between samples, data for sample SA39 are high.

Results by Methodology (as reported by laboratory)

	Sample SA39 *Red Moscato*			Sample SA40 *Sweet Red*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Cash Still method	0.266	0.023	0.0467	0.385	0.027	0.0368	5/11
Enzymatic method	0.213	0.028	-0.0069	0.342	0.032	-0.0066	66/68
GC	0.240	0.000	0.0203	0.390	0.000	0.0416	1/1
Colorimetric Analysis	0.200	0.000	-0.0197	0.325	0.000	-0.0234	1/1
Seg. Flow / Colorimetric Analyzer	0.264	0.023	0.0441	0.390	0.017	0.0416	4/4
FTIR	0.227	0.030	0.0074	0.360	0.062	0.0111	6/12



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
2R2AA6		1.019	0.001	0.73	1.016	0.000	0.56
34YAM9	X	1.014	-0.005	-6.66	1.015	0.000	0.24
367RL4		1.020	0.001	1.65	1.016	0.001	1.56
3F3ZZZ		1.019	0.000	0.38	1.015	0.000	0.10
4BA2L6	X	1.010	-0.009	-12.27	1.014	-0.002	-2.68
4QLUT9		1.019	0.000	0.24	1.015	0.000	-0.36
4RH8F2		1.019	0.000	0.38	1.015	0.000	0.25
4WC448		1.018	-0.001	-1.84	1.014	-0.002	-2.37
63UYFU		1.019	0.000	0.38	1.015	0.000	0.10
64KXTT		1.019	0.000	0.30	1.015	0.000	0.14
69GME7		1.018	-0.001	-1.15	1.015	0.000	-0.36
6E6A8Q		1.019	0.000	-0.04	1.015	0.000	-0.06
7MW8AK		1.019	0.000	0.47	1.016	0.000	0.46
7NPVUZ		1.020	0.001	1.37	1.016	0.001	0.88
8A2FZZ		1.019	0.001	0.87	1.016	0.000	0.71
8BV4HV		1.019	0.000	0.54	1.015	0.000	0.21
8N6EEX		1.019	0.000	0.18	1.015	0.000	0.03
94REGG		1.019	0.000	0.11	1.015	0.000	0.15
9VKGUY		1.019	0.000	0.57	1.015	0.000	0.36
A3E66V		1.019	0.000	-0.45	1.015	0.000	-0.75
A3HQH3	X	1.017	-0.002	-2.54	1.013	-0.002	-3.45
AVEMNX		1.019	0.000	0.14	1.015	0.000	0.24
AVHCTV		1.019	0.000	-0.45	1.015	0.000	-0.29
AW9B8U		1.019	0.000	0.10	1.015	0.000	0.13
B4NETM		1.018	0.000	-0.58	1.016	0.000	0.74
BP7L6F	X	1.019	0.000	0.39	1.053	0.038	58.42
BVDC8L		1.019	0.000	0.63	1.016	0.000	0.43
C9HP7X		1.019	0.000	0.20	1.015	0.000	0.18
CY7TXK		1.019	0.001	0.73	1.016	0.000	0.71
DBEXLR		1.017	-0.002	-2.26	1.014	-0.001	-2.21
DBGK6Q		1.019	0.000	0.43	1.015	0.000	0.23
DWZMZQ		1.019	0.000	0.24	1.016	0.001	0.83
E24TBM		1.019	0.000	0.59	1.015	0.000	0.33
EHUXHG		1.019	0.000	0.14	1.015	0.000	0.09
EMQKAJ		1.019	0.000	0.30	1.016	0.000	0.47

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
EZY2KU		1.019	0.001	0.71	1.016	0.000	0.47
F3GMQM		1.019	0.000	0.08	1.015	0.000	0.18
F63QYK	*	1.017	-0.002	-3.03	1.013	-0.002	-3.14
F8BJDT		1.019	0.000	-0.45	1.015	0.000	0.33
FBNLZN	X	1.019	0.000	0.17	0.515	-0.500	-770.46
FEMXVN		1.019	0.000	-0.38	1.015	0.000	0.10
FMKRTM		1.019	0.000	0.38	1.015	0.000	0.18
FRY7XF		1.019	0.000	-0.04	1.015	0.000	0.10
FY2CGP		1.019	0.000	0.59	1.015	0.000	0.18
GFG3R9	X	1.089	0.070	96.91	1.015	0.000	0.10
GJJ24M		1.019	0.000	0.03	1.015	0.000	0.25
GQZKJF		1.018	-0.001	-0.99	1.015	0.000	0.11
HG42HC		1.018	-0.001	-1.84	1.014	-0.002	-2.37
J9EDLN	X	1.034	0.015	20.44	1.014	-0.001	-2.27
K3KVNN		1.019	0.001	0.80	1.016	0.000	0.56
KHB3GF		1.019	0.000	0.10	1.015	0.000	0.10
KLAEDF		1.020	0.001	1.37	1.016	0.001	0.88
KU84XQ	X	0.949	-0.070	-97.26	1.015	-0.001	-0.83
L2MA7G	X	1.015	-0.004	-5.68	1.018	0.003	3.96
L3ZGUJ		1.021	0.002	2.33	1.017	0.002	2.41
LAY7CA		1.019	0.000	-0.04	1.015	0.000	-0.60
LC6PDQ		1.020	0.001	1.05	1.015	0.000	0.07
MDFTKM		1.020	0.001	1.37	1.016	0.001	1.34
NAAKXN		1.017	-0.002	-2.47	1.014	-0.002	-2.60
NE7C2E		1.019	0.000	-0.04	1.015	0.000	-0.36
NQCKKH		1.019	0.000	0.39	1.015	0.000	0.20
NVNA7C		1.019	0.000	0.24	1.015	0.000	0.33
NW6LPH		1.019	0.000	0.31	1.015	0.000	-0.06
PBYFVG	X	1.022	0.003	4.84	1.017	0.002	3.19
QD3NEK		1.020	0.001	1.37	1.016	0.001	0.88
QGLNU2		1.019	0.000	0.17	1.015	0.000	0.25
QLVYPF		1.019	0.000	0.14	1.015	0.000	0.17
QTCG6A		1.019	0.000	0.38	1.015	0.000	0.21
QU9T6H		1.019	0.000	0.36	1.015	0.000	0.30
RZ74AE		1.019	0.000	0.52	1.016	0.000	0.71

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
TDWXL8		1.019	0.000	0.32	1.015	0.000	0.24
UDQ76B		1.020	0.001	0.94	1.015	0.000	0.25
UGR769	X	1.017	-0.002	-2.54	1.015	0.000	-0.13
UUTZDW		1.019	0.000	0.19	1.015	0.000	0.13
V2AXGA	*	1.017	-0.002	-2.58	1.013	-0.002	-2.93
VXTBAW	X	1.007	-0.011	-15.97	1.015	0.000	0.04
W4DT3X		1.017	-0.002	-2.20	1.014	-0.002	-2.64
WCNAAX		1.019	0.000	-0.11	1.015	0.000	0.18
WURKHB		1.019	0.000	0.24	1.015	0.000	0.28
X3E8NX		1.019	0.000	0.20	1.015	0.000	0.20
Y3UNG6	*	1.020	0.001	1.63	1.015	0.000	-0.36
Y88NEW		1.020	0.001	1.08	1.016	0.001	1.33
YTKGGV	X	1.018	-0.001	-1.59	1.016	0.000	0.66
Z2WTB8	X	1.017	-0.002	-2.91	1.015	0.000	0.18
ZN9TGY		1.020	0.001	1.21	1.016	0.001	1.18
ZXXGF8		1.019	0.000	0.38	1.015	0.000	0.25

Summary Statistics

	Sample SA39	Sample SA40
Grand Means	1.0188 sp gr 20/20 C	1.0152 sp gr 20/20 C
Stnd Dev Btwn Labs	0.0007 sp gr 20/20 C	0.0006 sp gr 20/20 C

Statistics based on 72 of 86 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #906

VXTBAW (X) - Data for sample SA39 are low. Inconsistent within the determinations of sample SA39.

BP7L6F (X) - Data for sample SA40 are high.

GFG3R9 (X) - Data for sample SA39 are high.

YTKGGV (X) - Inconsistent in testing between samples.

UGR769 (X) - Inconsistent in testing between samples.

L2MA7G (X) - Data for sample SA39 are low and data for sample SA40 are high.

J9EDLN (X) - Data for sample SA39 are high.

4BA2L6 (X) - Data for sample SA39 are low. Inconsistent within the determinations of both samples.

FBNLZN (X) - Extreme Data for sample SA40. Inconsistent within the determinations of sample SA40.

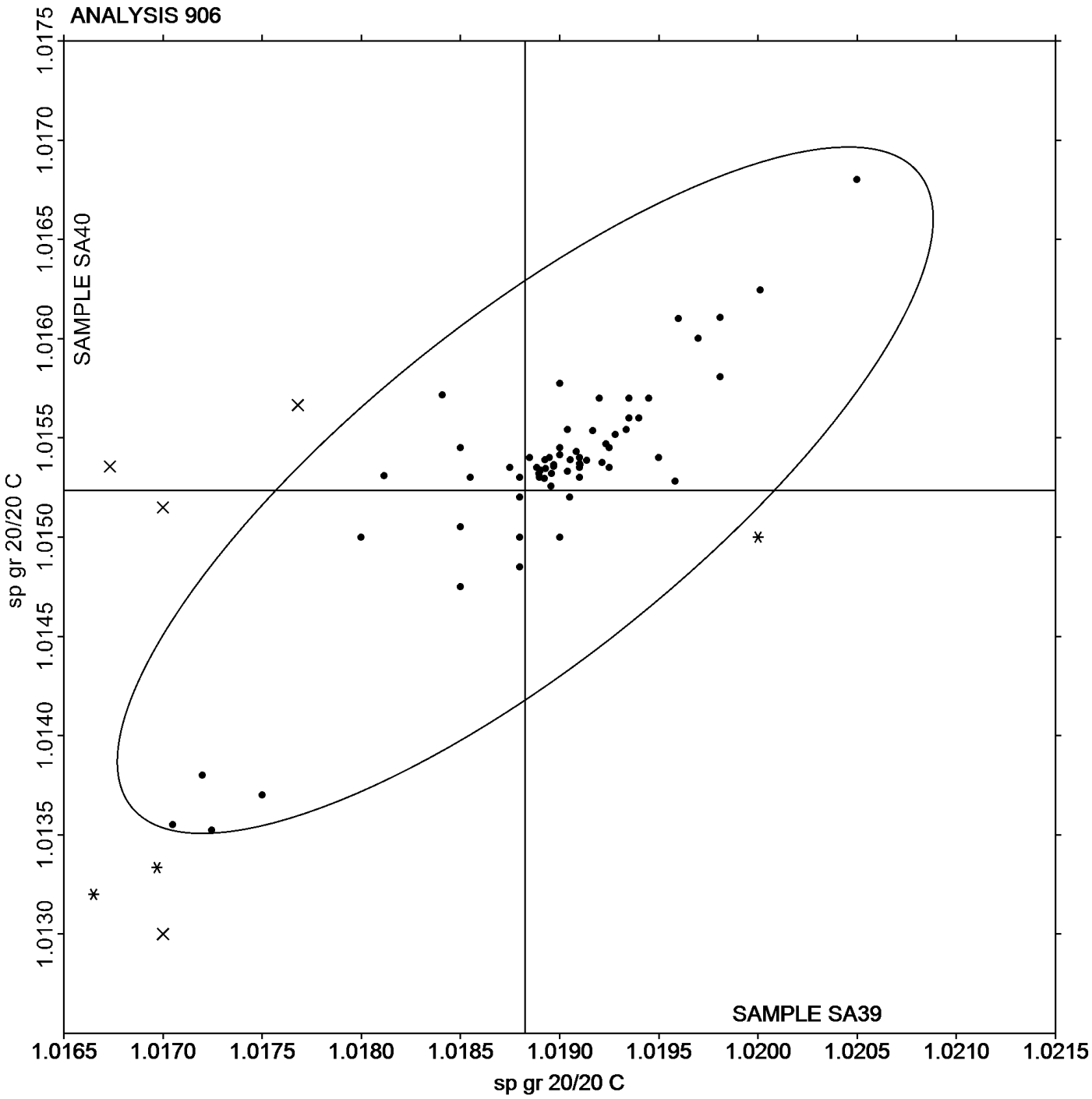
PBYFVG (X) - Data for both samples are high.

Z2WTB8 (X) - Data for sample SA39 are low. Inconsistent within the determinations of sample SA39.

KU84XQ (X) - Data for sample SA39 are low.

A3HQH3 (X) - Data for sample SA40 are low.

34YAM9 (X) - Data for sample SA39 are low.



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
2R2AA6		3.310	0.000	-0.01	3.420	0.015	0.54
34YAM9		3.355	0.045	1.68	3.440	0.035	1.26
367RL4		3.320	0.010	0.36	3.405	0.000	0.01
3F3ZZZ		3.285	-0.025	-0.95	3.380	-0.025	-0.89
3V4CVY		3.370	0.060	2.24	3.465	0.060	2.16
43YYZ6		3.300	-0.010	-0.39	3.390	-0.015	-0.53
4BA2L6	X	3.285	-0.025	-0.95	3.410	0.005	0.18
4QLUT9		3.300	-0.010	-0.39	3.400	-0.005	-0.17
4RH8F2		3.350	0.040	1.49	3.450	0.045	1.62
4WC448		3.365	0.055	2.05	3.460	0.055	1.98
63UYFU		3.310	0.000	-0.01	3.400	-0.005	-0.17
69GME7		3.310	0.000	-0.01	3.400	-0.005	-0.17
6E6A8Q		3.290	-0.020	-0.77	3.390	-0.015	-0.53
7MW8AK	X	3.295	-0.015	-0.58	3.445	0.040	1.44
7NPVUZ		3.300	-0.010	-0.39	3.390	-0.015	-0.53
7XH9UZ		3.300	-0.010	-0.39	3.400	-0.005	-0.17
8A2FZZ		3.333	0.023	0.85	3.421	0.016	0.58
8BV4HV		3.295	-0.015	-0.58	3.390	-0.015	-0.53
8N6EEX		3.345	0.035	1.30	3.435	0.030	1.08
94REGG		3.335	0.025	0.92	3.425	0.020	0.72
9UM7YW		3.330	0.020	0.74	3.420	0.015	0.54
9VKGUY		3.280	-0.030	-1.14	3.380	-0.025	-0.89
A3E66V		3.325	0.015	0.55	3.405	0.000	0.01
A3HQH3	X	3.360	0.050	1.86	3.390	-0.015	-0.53
ABCULZ		3.310	0.000	-0.01	3.425	0.020	0.72
AF44RR		3.300	-0.010	-0.39	3.395	-0.010	-0.35
AVEMNX		3.315	0.005	0.17	3.415	0.010	0.36
AVHCTV		3.310	0.000	-0.01	3.410	0.005	0.18
AW9B8U	*	3.235	-0.075	-2.83	3.320	-0.085	-3.04
B4NETM	*	3.315	0.005	0.17	3.385	-0.020	-0.71
BELE7Q		3.280	-0.030	-1.14	3.375	-0.030	-1.07
BP7L6F		3.290	-0.020	-0.77	3.375	-0.030	-1.07
BVDC8L		3.300	-0.010	-0.39	3.400	-0.005	-0.17
C9HP7X		3.295	-0.015	-0.58	3.385	-0.020	-0.71
CY7TXK		3.310	0.000	-0.01	3.400	-0.005	-0.17

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
DBEXLR	X	3.220	-0.090	-3.39	3.300	-0.105	-3.76
DBGK6Q		3.300	-0.010	-0.39	3.395	-0.010	-0.35
DWZMZQ		3.305	-0.005	-0.20	3.390	-0.015	-0.53
E24TBM		3.307	-0.003	-0.13	3.397	-0.008	-0.28
EHUXHG		3.295	-0.015	-0.58	3.380	-0.025	-0.89
EMQKAJ		3.295	-0.015	-0.58	3.380	-0.025	-0.89
EZY2KU		3.285	-0.025	-0.95	3.375	-0.030	-1.07
F63QYK		3.300	-0.010	-0.39	3.400	-0.005	-0.17
F8BJDT		3.295	-0.015	-0.58	3.390	-0.015	-0.53
FBNLZN		3.320	0.010	0.36	3.425	0.020	0.72
FEMXVN		3.310	0.000	-0.01	3.400	-0.005	-0.17
FMKRTM		3.340	0.030	1.11	3.430	0.025	0.90
FRY7XF		3.295	-0.015	-0.58	3.400	-0.005	-0.17
FY2CGP		3.345	0.035	1.30	3.435	0.030	1.08
GFG3R9	X	3.240	-0.070	-2.64	3.410	0.005	0.18
GJJ24M		3.280	-0.030	-1.14	3.390	-0.015	-0.53
GQZKJF		3.327	0.017	0.62	3.422	0.017	0.60
H84EQF	X	3.245	-0.065	-2.45	3.400	-0.005	-0.17
HG42HC		3.365	0.055	2.05	3.455	0.050	1.80
J7MGYF	*	3.320	0.010	0.36	3.440	0.035	1.26
J9EDLN		3.350	0.040	1.49	3.460	0.055	1.98
K3KVNN		3.325	0.015	0.55	3.410	0.005	0.18
KHB3GF		3.300	-0.010	-0.39	3.390	-0.015	-0.53
KLAEDF		3.335	0.025	0.92	3.430	0.025	0.90
KU84XQ		3.350	0.040	1.49	3.445	0.040	1.44
L2MA7G	X	3.330	0.020	0.74	3.500	0.095	3.41
L3ZGUJ		3.280	-0.030	-1.14	3.370	-0.035	-1.25
LAY7CA		3.310	0.000	-0.01	3.405	0.000	0.01
LC6PDQ		3.310	0.000	-0.01	3.395	-0.010	-0.35
MDFTKM	X	3.355	0.045	1.68	3.500	0.095	3.41
MKCLWM		3.330	0.020	0.74	3.420	0.015	0.54
NAAKXN		3.365	0.055	2.05	3.465	0.060	2.16
NE7C2E		3.320	0.010	0.36	3.410	0.005	0.18
NQCKKH		3.322	0.011	0.42	3.414	0.009	0.33
NVNA7C		3.310	0.000	-0.01	3.400	-0.005	-0.17

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
NW6LPH		3.330	0.020	0.74	3.420	0.015	0.54
PBYFVG		3.290	-0.020	-0.77	3.380	-0.025	-0.89
QD3NEK	X	3.228	-0.083	-3.11	3.245	-0.160	-5.73
QGLNU2		3.320	0.010	0.36	3.405	0.000	0.01
QLVYPF	X	3.270	-0.040	-1.52	3.405	0.000	0.01
QTCG6A		3.260	-0.050	-1.89	3.360	-0.045	-1.61
QU9T6H	X	3.270	-0.040	-1.52	3.400	-0.005	-0.17
R486DH		3.250	-0.060	-2.27	3.340	-0.065	-2.32
RZ74AE		3.315	0.005	0.17	3.410	0.005	0.18
TDWXL8		3.320	0.010	0.36	3.410	0.005	0.18
TQ2CJJ		3.285	-0.025	-0.95	3.390	-0.015	-0.53
UDQ76B		3.310	0.000	-0.01	3.410	0.005	0.18
UGR769	X	3.255	-0.055	-2.08	3.385	-0.020	-0.71
UUTZDW		3.345	0.035	1.30	3.450	0.045	1.62
V2AXGA	X	3.675	0.365	13.69	3.870	0.465	16.67
V2V9H4		3.290	-0.020	-0.77	3.385	-0.020	-0.71
W4DT3X	X	3.255	-0.055	-2.08	3.380	-0.025	-0.89
W6PP83	X	3.325	0.015	0.55	3.495	0.090	3.23
WCNAAX		3.325	0.015	0.55	3.430	0.025	0.90
WURKHB		3.280	-0.030	-1.14	3.370	-0.035	-1.25
X3E8NX		3.300	-0.010	-0.39	3.390	-0.015	-0.53
Y3UNG6		3.330	0.020	0.74	3.430	0.025	0.90
Y88NEW	*	3.250	-0.060	-2.27	3.360	-0.045	-1.61
YTKGGV	X	3.185	-0.125	-4.71	3.290	-0.115	-4.12
YXJV77		3.330	0.020	0.74	3.420	0.015	0.54
Z2DUEA		3.320	0.010	0.36	3.430	0.025	0.90
Z2WTB8		3.324	0.013	0.49	3.428	0.023	0.83
Z366TA		3.270	-0.040	-1.52	3.370	-0.035	-1.25
ZN9TGY		3.270	-0.040	-1.52	3.350	-0.055	-1.97
ZXXGF8		3.300	-0.010	-0.39	3.400	-0.005	-0.17

Summary Statistics		
Grand Means	3.3104 pH	3.4048 pH
Stnd Dev Btwn Labs	0.0266 pH	0.0279 pH

Statistics based on 84 of 100 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #907

7MW8AK (X) - Inconsistent in testing between samples.

GFG3R9 (X) - Inconsistent in testing between samples.

H84EQF (X) - Inconsistent in testing between samples.

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

W4DT3X (X) - Inconsistent in testing between samples.

UGR769 (X) - Inconsistent in testing between samples.

L2MA7G (X) - Inconsistent in testing between samples, data for sample SA40 are high.

W6PP83 (X) - Inconsistent in testing between samples, data for sample SA40 are high.

MDFTKM (X) - Inconsistent in testing between samples, data for sample SA40 are high.

4BA2L6 (X) - Inconsistent in testing between samples.

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

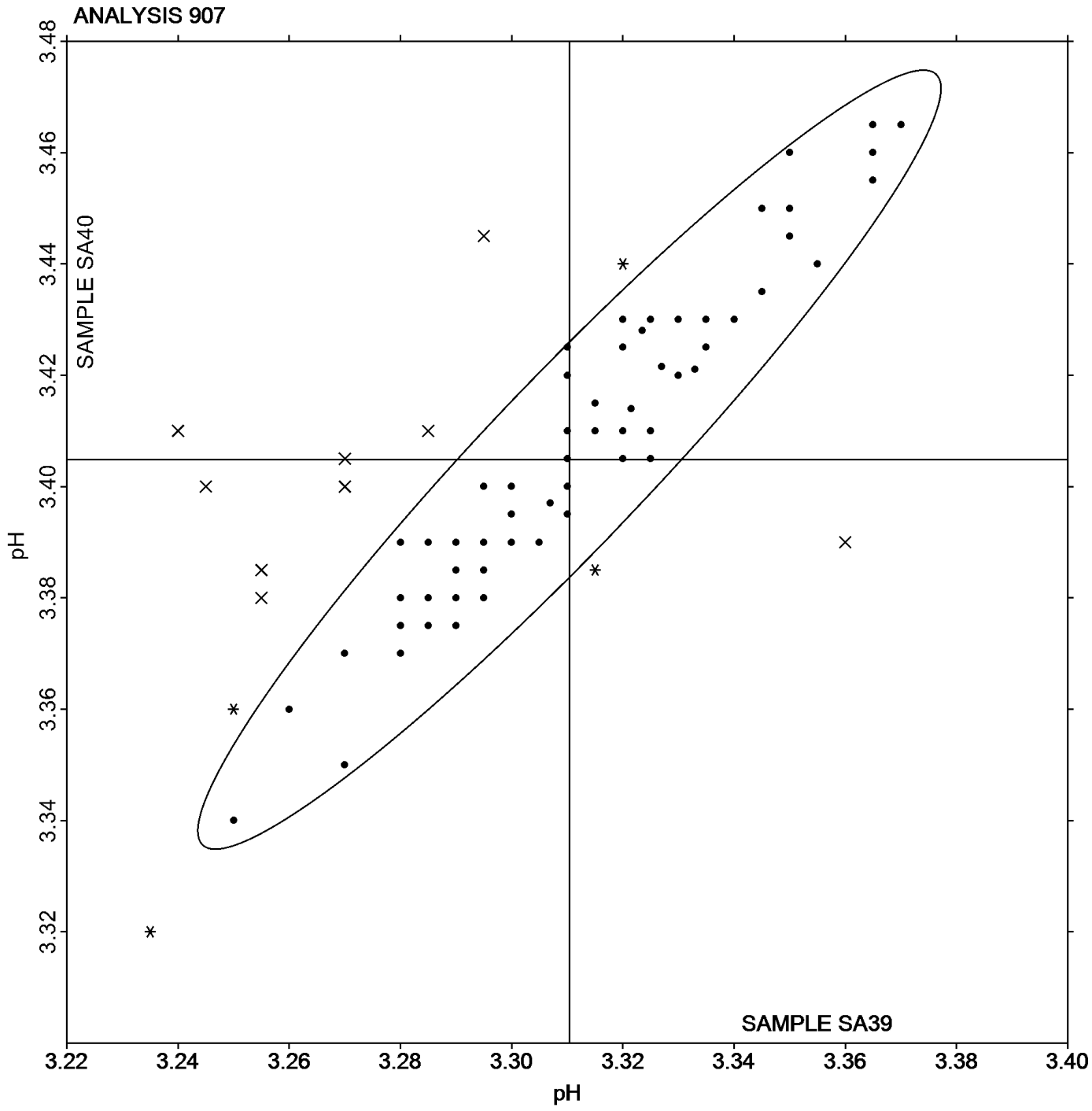
V2AXGA (X) - Data for both samples are high.

QLVYPF (X) - Inconsistent in testing between samples.

QU9T6H (X) - Inconsistent in testing between samples.

QD3NEK (X) - Data for both samples are low. Possible Systematic Error.

A3HQH3 (X) - Inconsistent in testing between samples.



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
3F3ZZZ		62.50	0.30	0.10	53.00	-0.20	-0.07
4BA2L6		58.17	-4.04	-1.37	50.59	-2.61	-0.98
63UYFU		66.20	4.00	1.36	57.20	4.00	1.51
64KXTT		62.15	-0.05	-0.02	52.10	-1.10	-0.41
8BV4HV		63.15	0.95	0.32	55.10	1.90	0.72
8N6EEX		58.96	-3.24	-1.10	49.43	-3.77	-1.42
9UM7YW		60.71	-1.49	-0.51	51.84	-1.36	-0.51
9VKGUY	X	5.90	-56.30	-19.16	5.05	-48.15	-18.14
A3HQH3		66.50	4.30	1.46	57.32	4.12	1.55
AVEMNX		61.50	-0.70	-0.24	52.40	-0.80	-0.30
BVDC8L		66.20	4.00	1.36	55.70	2.50	0.94
CY7TXK		62.20	0.00	0.00	52.25	-0.95	-0.36
DWZMZQ		59.10	-3.10	-1.06	51.45	-1.75	-0.66
EHUXHG		63.40	1.20	0.41	55.00	1.80	0.68
EMQKAJ		58.25	-3.96	-1.35	50.82	-2.38	-0.90
F8BJDT		59.90	-2.31	-0.78	49.91	-3.29	-1.24
GJJ24M	X	65.00	2.80	0.95	61.00	7.80	2.94
KLAEDF	X	10.20	-52.00	-17.70	9.30	-43.90	-16.54
L2MA7G		61.10	-1.10	-0.37	51.50	-1.70	-0.64
L3ZGUJ		60.00	-2.20	-0.75	51.00	-2.20	-0.83
LC6PDQ		60.30	-1.90	-0.65	50.60	-2.60	-0.98
NQCKKH		68.26	6.06	2.06	58.48	5.28	1.99
QTCG6A		58.56	-3.64	-1.24	51.49	-1.71	-0.64
R486DH	X	6.60	-55.60	-18.93	6.93	-46.27	-17.43
V2AXGA	X	25.52	-36.69	-12.49	25.46	-27.74	-10.45
W6PP83		65.36	3.16	1.08	56.32	3.12	1.18
Y3UNG6		64.40	2.20	0.75	56.00	2.80	1.06
Y88NEW		63.76	1.56	0.53	54.04	0.84	0.32

Summary Statistics

	Sample SA39	Sample SA40
Grand Means	62.201 g/L	53.196 g/L
Stnd Dev Btwn Labs	2.938 g/L	2.654 g/L

Statistics based on 23 of 28 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #908

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

9VKGUY (X) - Data for both samples are low.

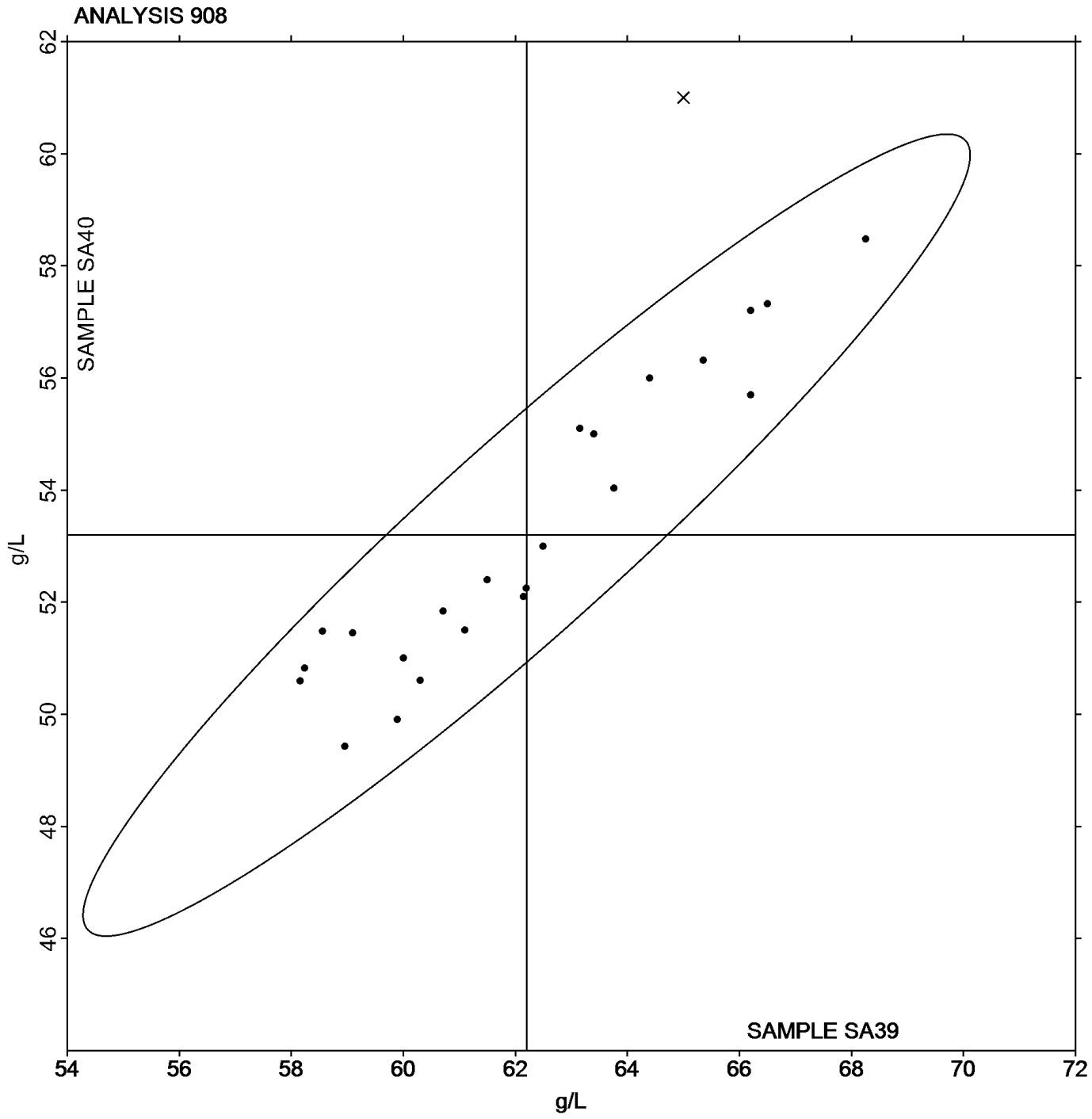
V2AXGA (X) - Data for both samples are low.

GJJ24M (X) - Data for sample SA40 are high.

R486DH (X) - Data for both samples are low.

Results by Methodology (as reported by laboratory)

	Sample SA39 *Red Moscato*			Sample SA40 *Sweet Red*			
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	62.643	4.942	0.44	53.247	4.690	0.05	3/4
Cu Reduction Method	62.784	3.690	0.58	54.514	2.823	1.32	5/7
Segmented Flow	62.150	0.000	-0.05	52.100	0.000	-1.10	1/1
FTIR	62.801	2.208	0.60	53.444	2.366	0.25	10/11
Other _____	59.653	1.898	-2.55	51.165	0.743	-2.03	4/5



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
2R2AA6		1.986	-0.017	-0.13	1.049	-0.003	-0.04
34YAM9		2.091	0.088	0.68	1.024	-0.028	-0.31
3F3ZZZ		2.050	0.047	0.36	1.175	0.123	1.39
3V4CVY	*	1.660	-0.343	-2.66	0.870	-0.182	-2.06
43YYZ6		1.890	-0.113	-0.88	1.090	0.038	0.43
4BA2L6		1.910	-0.093	-0.72	1.015	-0.037	-0.42
4QLUT9		2.000	-0.003	-0.02	1.030	-0.022	-0.25
4WC448		2.136	0.133	1.03	1.092	0.040	0.45
63UYFU		1.900	-0.103	-0.80	1.040	-0.012	-0.13
69GME7		2.070	0.067	0.52	1.080	0.028	0.32
6E6A8Q		2.054	0.051	0.40	1.038	-0.014	-0.16
7MW8AK	*	2.275	0.272	2.11	1.275	0.223	2.53
7NPVUZ		2.025	0.022	0.17	1.090	0.038	0.43
7XH9UZ	X	2.395	0.392	3.04	1.120	0.068	0.77
8A2FZZ		1.863	-0.140	-1.08	0.926	-0.126	-1.42
8BV4HV	X	2.005	0.002	0.02	0.725	-0.327	-3.70
8N6EEX		2.045	0.042	0.33	1.105	0.053	0.60
94REGG		2.262	0.259	2.00	1.209	0.157	1.78
9UM7YW		1.905	-0.098	-0.76	1.025	-0.027	-0.30
9VKGUY	*	1.695	-0.308	-2.39	0.940	-0.112	-1.26
A3E66V		1.950	-0.053	-0.41	1.035	-0.017	-0.19
ABCULZ		1.925	-0.078	-0.60	1.040	-0.012	-0.13
AF44RR		2.050	0.047	0.36	1.170	0.118	1.34
AVEMNX		2.160	0.157	1.22	1.105	0.053	0.60
AVHCTV	*	1.935	-0.068	-0.53	0.865	-0.187	-2.11
AW9B8U		2.245	0.242	1.87	1.207	0.155	1.76
B4NETM		1.967	-0.036	-0.28	1.022	-0.030	-0.34
BELE7Q		2.022	0.019	0.14	1.074	0.022	0.25
BP7L6F		1.915	-0.088	-0.69	1.007	-0.045	-0.51
BVDC8L		2.148	0.145	1.12	1.088	0.036	0.41
C9HP7X		2.055	0.052	0.40	1.080	0.028	0.32
CY7TXK		2.025	0.022	0.17	1.065	0.013	0.15
DBEXLR		1.920	-0.083	-0.64	1.020	-0.032	-0.36
DBGK6Q		2.035	0.032	0.24	1.074	0.022	0.25
DWZMZQ	X	1.540	-0.463	-3.59	0.910	-0.142	-1.60

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
E24TBM		2.255	0.252	1.95	1.166	0.114	1.29
EHUXHG		2.075	0.072	0.56	1.110	0.058	0.66
EMQKAJ		1.850	-0.153	-1.18	0.955	-0.097	-1.09
EZY2KU	*	1.825	-0.178	-1.38	0.800	-0.252	-2.85
F63QYK		1.905	-0.098	-0.76	0.995	-0.057	-0.64
F8BJDT		2.000	-0.003	-0.02	1.000	-0.052	-0.59
FBNLZN		2.085	0.082	0.64	1.125	0.073	0.82
FEMXVN		1.710	-0.293	-2.27	0.900	-0.152	-1.72
FMKRTM		1.996	-0.007	-0.06	1.145	0.093	1.05
FRY7XF		1.910	-0.093	-0.72	0.981	-0.071	-0.80
FY2CGP		1.855	-0.148	-1.15	0.955	-0.097	-1.09
GFG3R9	X	1.940	-0.063	-0.49	0.810	-0.242	-2.74
GQZKJF		2.105	0.102	0.79	1.124	0.072	0.82
H84EQF	*	2.215	0.212	1.64	1.015	-0.037	-0.42
HG42HC		2.147	0.144	1.11	1.119	0.067	0.76
J9EDLN		2.030	0.027	0.21	1.120	0.068	0.77
K3KVNN		1.940	-0.063	-0.49	0.970	-0.082	-0.92
KHB3GF		2.122	0.119	0.92	1.100	0.048	0.55
KLAEDF		1.890	-0.113	-0.88	0.980	-0.072	-0.81
KU84XQ		2.070	0.067	0.52	1.035	-0.017	-0.19
L2MA7G		1.915	-0.088	-0.68	0.990	-0.062	-0.70
L3ZGUJ		1.900	-0.103	-0.80	0.970	-0.082	-0.92
LAY7CA		1.879	-0.124	-0.96	0.968	-0.084	-0.95
LC6PDQ	*	1.975	-0.028	-0.22	1.190	0.138	1.56
MDFTKM	*	1.910	-0.093	-0.72	1.160	0.108	1.23
MKCLWM		1.930	-0.073	-0.57	1.000	-0.052	-0.59
NAAKXN		2.135	0.132	1.02	1.085	0.033	0.38
NE7C2E		2.153	0.150	1.16	1.144	0.092	1.04
NVNA7C		2.070	0.067	0.52	1.045	-0.007	-0.08
NW6LPH		2.040	0.037	0.29	1.050	-0.002	-0.02
QGLNU2		2.025	0.022	0.17	1.040	-0.012	-0.13
QLVYPF	*	1.805	-0.198	-1.53	1.060	0.008	0.09
QU9T6H		1.870	-0.133	-1.03	1.030	-0.022	-0.25
RZ74AE		2.204	0.201	1.55	1.237	0.185	2.09
TDWXL8		2.025	0.022	0.17	1.040	-0.012	-0.13

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
TQ2CJJ		1.940	-0.063	-0.49	1.040	-0.012	-0.13
UDQ76B		1.890	-0.113	-0.88	0.955	-0.097	-1.09
UGR769		2.115	0.112	0.87	1.090	0.038	0.43
UUTZDW		2.130	0.127	0.98	1.091	0.039	0.44
V2AXGA		2.245	0.242	1.87	1.245	0.193	2.19
V2V9H4		2.151	0.148	1.15	1.112	0.060	0.68
W4DT3X		1.980	-0.023	-0.18	0.965	-0.087	-0.98
WCNAAX		2.029	0.026	0.20	1.063	0.011	0.12
WURKHB		1.880	-0.123	-0.95	0.935	-0.117	-1.32
X3E8NX		1.812	-0.191	-1.48	0.928	-0.124	-1.41
Y3UNG6		1.901	-0.102	-0.79	0.993	-0.059	-0.67
YTKGGV		2.065	0.062	0.48	1.035	-0.017	-0.19
YXJV77		2.060	0.057	0.44	1.140	0.088	1.00
Z2DUEA		2.025	0.022	0.17	0.970	-0.082	-0.92
Z2WTB8		2.050	0.047	0.36	1.070	0.018	0.21
ZN9TGY		2.083	0.080	0.62	1.149	0.097	1.10
ZXXGF8		1.910	-0.093	-0.72	0.990	-0.062	-0.70

Summary Statistics

	Sample SA39	Sample SA40
Grand Means	2.0030 g/L	1.0517 g/L
Stnd Dev Btwn Labs	0.1291 g/L	0.0884 g/L

Statistics based on 83 of 87 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

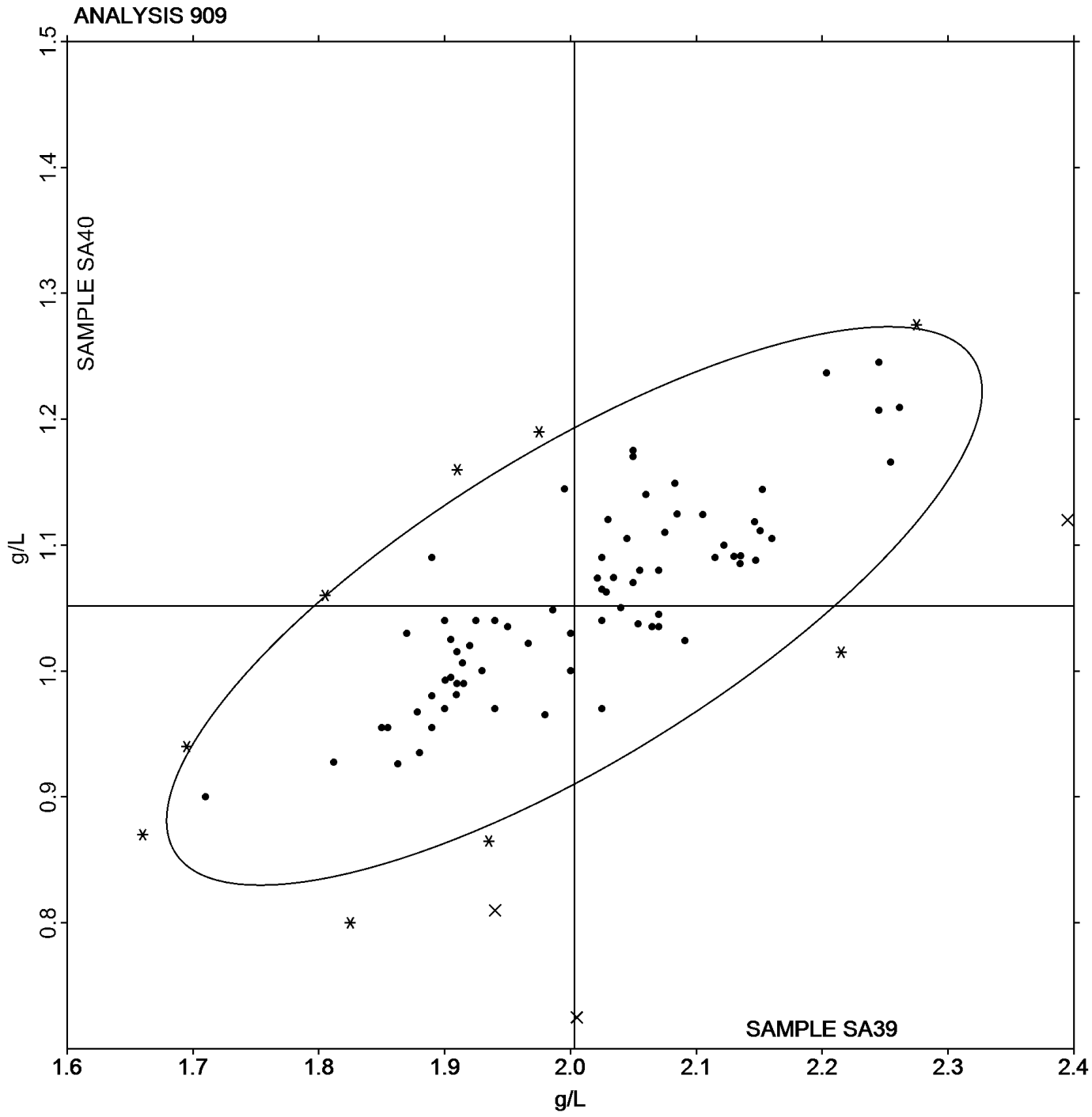
Comments on Assigned Data Flags for Test #909

GFG3R9 (X) - Inconsistent in testing between samples.

8BV4HV (X) - Data for sample SA40 are low.

7XH9UZ (X) - Data for sample SA39 are high. Inconsistent within the determinations of sample SA40.

DWZMZQ (X) - Data for sample SA39 are low.



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
2R2AA6		61.90	-0.16	-0.05	53.10	1.02	0.37
34YAM9		58.60	-3.46	-1.08	48.65	-3.43	-1.25
3F3ZZZ	X	61.15	-0.91	-0.29	56.50	4.42	1.61
3V4CVY	*	56.00	-6.06	-1.90	49.00	-3.08	-1.12
43YYZ6		68.70	6.64	2.08	58.30	6.22	2.26
4BA2L6		58.17	-3.90	-1.22	50.59	-1.49	-0.54
4QLUT9		63.65	1.59	0.50	53.15	1.07	0.39
4WC448		66.05	3.99	1.25	55.20	3.12	1.14
63UYFU		61.10	-0.96	-0.30	51.70	-0.38	-0.14
64KXTT		63.05	0.99	0.31	53.60	1.52	0.55
69GME7		61.95	-0.11	-0.04	51.75	-0.33	-0.12
6E6A8Q		61.55	-0.51	-0.16	51.60	-0.48	-0.17
7MW8AK		65.75	3.69	1.15	54.00	1.92	0.70
7NPVUZ		58.65	-3.41	-1.07	49.45	-2.63	-0.96
7XH9UZ		62.20	0.14	0.04	52.50	0.42	0.15
8A2FZZ		58.15	-3.91	-1.22	48.15	-3.93	-1.43
8N6EEX		58.96	-3.10	-0.97	49.43	-2.66	-0.97
94REGG		61.83	-0.23	-0.07	52.25	0.16	0.06
A3E66V		63.04	0.97	0.30	54.32	2.24	0.82
ABCULZ	X	336.95	274.89	86.00	325.00	272.92	99.32
AF44RR		63.65	1.59	0.50	52.30	0.22	0.08
AVEMNX		63.41	1.35	0.42	52.90	0.82	0.30
AVHCTV		62.15	0.09	0.03	53.35	1.27	0.46
AW9B8U	X	70.39	8.32	2.60	53.92	1.84	0.67
B4NETM		61.93	-0.14	-0.04	50.88	-1.20	-0.44
BELE7Q		60.96	-1.11	-0.35	50.45	-1.64	-0.60
BP7L6F		62.50	0.44	0.14	51.00	-1.08	-0.39
BVDC8L		66.40	4.34	1.36	54.75	2.67	0.97
C9HP7X		59.05	-3.02	-0.94	48.56	-3.53	-1.28
CY7TXK		62.20	0.14	0.04	52.25	0.17	0.06
DBEXLR	*	68.80	6.74	2.11	58.90	6.82	2.48
DBGK6Q		60.70	-1.36	-0.43	50.15	-1.93	-0.70
DWZMZQ		57.07	-4.99	-1.56	48.14	-3.95	-1.44
E24TBM		64.73	2.67	0.83	53.84	1.75	0.64
EHUXHG		60.00	-2.06	-0.65	49.91	-2.17	-0.79

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
EZY2KU		55.85	-6.21	-1.94	46.85	-5.23	-1.90
F63QYK		61.91	-0.15	-0.05	53.15	1.06	0.39
F8BJDT		59.90	-2.17	-0.68	49.91	-2.18	-0.79
FBNLZN		63.15	1.09	0.34	52.40	0.32	0.12
FEMXVN	X	64.41	2.34	0.73	50.63	-1.45	-0.53
FMKRTM		61.60	-0.47	-0.15	52.57	0.49	0.18
FRY7XF	X	59.18	-2.89	-0.90	45.70	-6.39	-2.32
FY2CGP		63.05	0.99	0.31	52.25	0.17	0.06
GFG3R9		61.20	-0.86	-0.27	50.50	-1.58	-0.58
GQZKJF		65.37	3.30	1.03	55.59	3.51	1.28
H84EQF		61.25	-0.81	-0.25	50.50	-1.58	-0.58
HG42HC		66.00	3.94	1.23	55.40	3.32	1.21
J9EDLN	X	20.00	-42.06	-13.16	11.40	-40.68	-14.80
K3KVNN	X	64.50	2.44	0.76	60.00	7.92	2.88
KHB3GF		65.25	3.19	1.00	54.20	2.12	0.77
KLAEDF	X	6.10	-55.96	-17.51	5.10	-46.98	-17.10
KU84XQ		67.25	5.19	1.62	56.30	4.22	1.54
L2MA7G	X	54.55	-7.51	-2.35	64.30	12.22	4.45
L3ZGUJ		61.00	-1.06	-0.33	51.00	-1.08	-0.39
LAY7CA		67.85	5.79	1.81	57.70	5.62	2.05
LC6PDQ		55.85	-6.21	-1.94	45.95	-6.13	-2.23
MDFTKM	X	53.90	-8.16	-2.55	42.70	-9.38	-3.41
MKCLWM		62.00	-0.06	-0.02	52.00	-0.08	-0.03
NAAKXN		56.21	-5.86	-1.83	47.62	-4.46	-1.62
NE7C2E		65.95	3.89	1.22	54.60	2.52	0.92
NVNA7C		61.10	-0.96	-0.30	51.85	-0.23	-0.08
NW6LPH		62.35	0.29	0.09	50.95	-1.13	-0.41
QGLNU2		60.80	-1.26	-0.40	52.50	0.42	0.15
QLVYPF	*	55.00	-7.06	-2.21	44.50	-7.58	-2.76
QTCG6A		61.66	-0.40	-0.13	53.86	1.78	0.65
QU9T6H		62.85	0.79	0.25	52.55	0.47	0.17
RZ74AE		65.34	3.27	1.02	52.90	0.82	0.30
TDWXL8		61.63	-0.44	-0.14	52.50	0.42	0.15
TQ2CJJ		59.95	-2.12	-0.66	51.72	-0.36	-0.13
UDQ76B	*	61.80	-0.26	-0.08	49.45	-2.63	-0.96

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
UGR769		62.65	0.59	0.18	52.75	0.67	0.24
UUTZDW		66.70	4.64	1.45	56.20	4.12	1.50
V2V9H4		65.20	3.14	0.98	53.80	1.72	0.63
W4DT3X		63.70	1.63	0.51	54.20	2.11	0.77
WCNAAX		61.50	-0.56	-0.18	52.50	0.42	0.15
WURKHB		62.65	0.59	0.18	52.09	0.01	0.00
X3E8NX		59.58	-2.49	-0.78	49.88	-2.21	-0.80
Y88NEW		62.71	0.65	0.20	52.71	0.63	0.23
YTKGGV		61.26	-0.81	-0.25	51.47	-0.61	-0.22
YXJV77	*	54.66	-7.40	-2.32	47.56	-4.52	-1.65
Z2DUEA		61.90	-0.16	-0.05	53.10	1.02	0.37
Z2WTB8		63.01	0.94	0.29	52.30	0.21	0.08
Z366TA		69.25	7.19	2.25	57.65	5.57	2.03
ZN9TGY		64.00	1.94	0.61	54.30	2.22	0.81
ZXXGF8		60.15	-1.91	-0.60	50.18	-1.90	-0.69

Summary Statistics

	Sample SA39	Sample SA40
Grand Means	62.064 g/L	52.080 g/L
Stnd Dev Btwn Labs	3.196 g/L	2.748 g/L

Statistics based on 75 of 85 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #910

FRY7XF (X) - Inconsistent in testing between samples.

3F3ZZZ (X) - Inconsistent in testing between samples.

L2MA7G (X) - Inconsistent in testing between samples, data for sample SA40 are high.

AW9B8U (X) - Inconsistent in testing between samples.

KLAEDF (X) - Data for both samples are low. Data may be off by a factor of 10.

J9EDLN (X) - Data for both samples are low.

MDFTKM (X) - Inconsistent in testing between samples, data for sample SA40 are low.

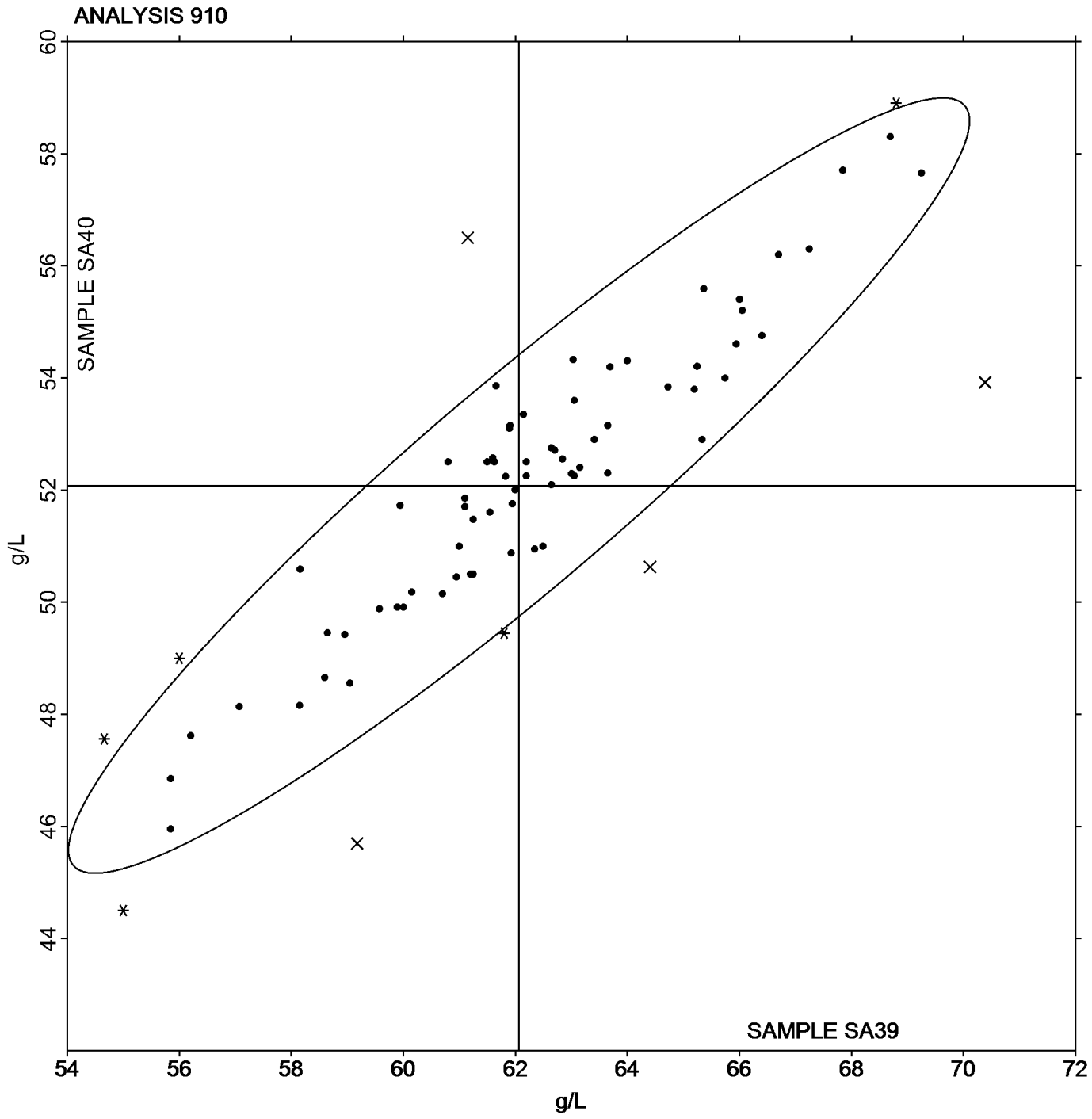
FEMXVN (X) - Inconsistent in testing between samples.

K3KVNN (X) - Inconsistent in testing between samples, data for sample SA40 are high.

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

Results by Methodology (as reported by laboratory)

	Sample SA39 *Red Moscato*			Sample SA40 *Sweet Red*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
HPLC	63.050	0.000	0.99	53.600	0.000	1.52	1/1
Enzymatic/Spectrophotometric	61.997	3.279	-0.07	52.012	2.807	-0.07	69/79
FTIR	62.792	2.284	0.73	52.722	2.129	0.64	5/5



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
34YAM9		0.0500	0.0014	0.07	0.0650	-0.0006	-0.02
3F3ZZZ		0.0405	-0.0081	-0.39	0.0552	-0.0104	-0.34
4WC448		0.0755	0.0269	1.29	0.0970	0.0314	1.01
63UYFU		0.0500	0.0014	0.07	0.0500	-0.0156	-0.50
64KXTT		0.0400	-0.0086	-0.41	0.0600	-0.0056	-0.18
8BV4HV		0.0400	-0.0086	-0.41	0.0600	-0.0056	-0.18
AVEMNX		0.0700	0.0214	1.03	0.0750	0.0094	0.30
BP7L6F		0.0350	-0.0136	-0.65	0.0600	-0.0056	-0.18
BVDC8L		0.0175	-0.0311	-1.49	0.0120	-0.0536	-1.73
DWZMZQ	*	0.0950	0.0464	2.23	0.1550	0.0894	2.87
EHUXHG		0.0450	-0.0036	-0.17	0.0750	0.0094	0.30
F8BJDT	M	0.1000	0.0514	2.47	No data reported for this sample		
GFG3R9		0.0430	-0.0056	-0.27	0.0745	0.0089	0.29
GJJ24M		0.0600	0.0114	0.55	0.0700	0.0044	0.14
GQZKJF	X	0.1400	0.0914	4.39	0.1900	0.1244	4.00
HG42HC		0.0760	0.0274	1.32	0.0975	0.0319	1.03
LC6PDQ		0.0215	-0.0271	-1.30	0.0390	-0.0266	-0.86
NVNA7C		0.0475	-0.0011	-0.05	0.0805	0.0149	0.48
QGLNU2		0.0425	-0.0061	-0.29	0.0665	0.0009	0.03
UUTZDW		0.0400	-0.0086	-0.41	0.0600	-0.0056	-0.18
Y88NEW		0.0810	0.0324	1.56	0.0860	0.0204	0.66
YTKGGV		0.0200	-0.0286	-1.37	0.0100	-0.0556	-1.79
Z2WTB8		0.0300	-0.0186	-0.89	0.0300	-0.0356	-1.15

Summary Statistics

	Sample SA39	Sample SA40
Grand Means	0.04857 mg/L	0.06563 mg/L
Stnd Dev Btwn Labs	0.02084 mg/L	0.03109 mg/L

Statistics based on 21 of 23 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

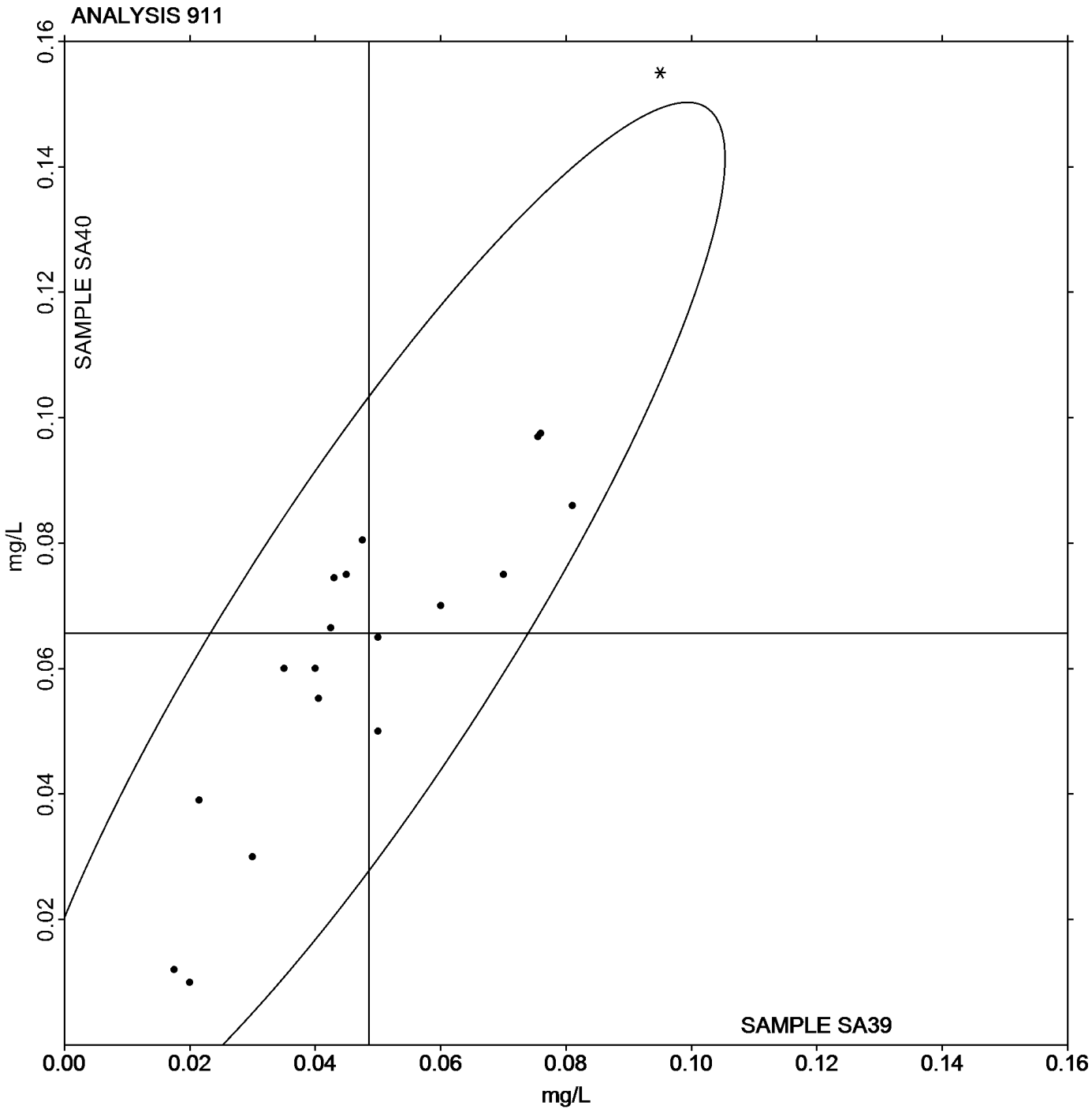
Comments on Assigned Data Flags for Test #911

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

F8BJDT (M) - Participant did not submit data for sample SA40.

Results by Methodology (as reported by laboratory)

Test Methodology	Sample SA39 *Red Moscato* Group Mean	Btwn Lab STD	Diff from GM	Sample SA40 *Sweet Red* Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Please specify method used							0/1
Atomic Absorption Spectroscopy	0.050	0.023	0.0010	0.059	0.031	-0.0068	12/13
ICP	0.041	0.004	-0.0078	0.063	0.008	-0.0025	7/7
FTIR	0.095	0.000	0.0464	0.155	0.000	0.0894	1/1
Other _____	0.045	0.000	-0.0036	0.075	0.000	0.0094	1/1



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
3F3ZZZ		550.0	-21.3	-0.22	835.0	-47.4	-0.30
63UYFU		585.0	13.7	0.14	898.0	15.6	0.10
64KXTT		526.5	-44.8	-0.46	805.0	-77.4	-0.49
8BV4HV		552.5	-18.8	-0.19	867.5	-14.9	-0.09
AVEMNX		554.3	-16.9	-0.17	863.2	-19.2	-0.12
AW9B8U		752.0	180.7	1.84	1,206.0	323.6	2.04
B4NETM		677.0	105.7	1.08	971.0	88.6	0.56
BP7L6F		388.0	-183.3	-1.87	647.0	-235.4	-1.49
E24TBM		649.0	77.7	0.79	972.0	89.6	0.57
EHUXHG		537.5	-33.8	-0.34	847.5	-34.9	-0.22
GJJ24M		550.5	-20.8	-0.21	839.0	-43.4	-0.27
LAY7CA		760.5	189.2	1.93	1,248.5	366.1	2.31
LC6PDQ		397.8	-173.5	-1.77	581.4	-301.0	-1.90
NVNA7C		634.5	63.2	0.65	938.0	55.6	0.35
QGLNU2		523.5	-47.8	-0.49	809.0	-73.4	-0.46
UUTZDW		540.5	-30.8	-0.31	848.5	-33.9	-0.21
VXTBAW		528.2	-43.1	-0.44	818.5	-63.9	-0.40
X3E8NX		575.5	4.2	0.04	888.0	5.6	0.04

Summary Statistics

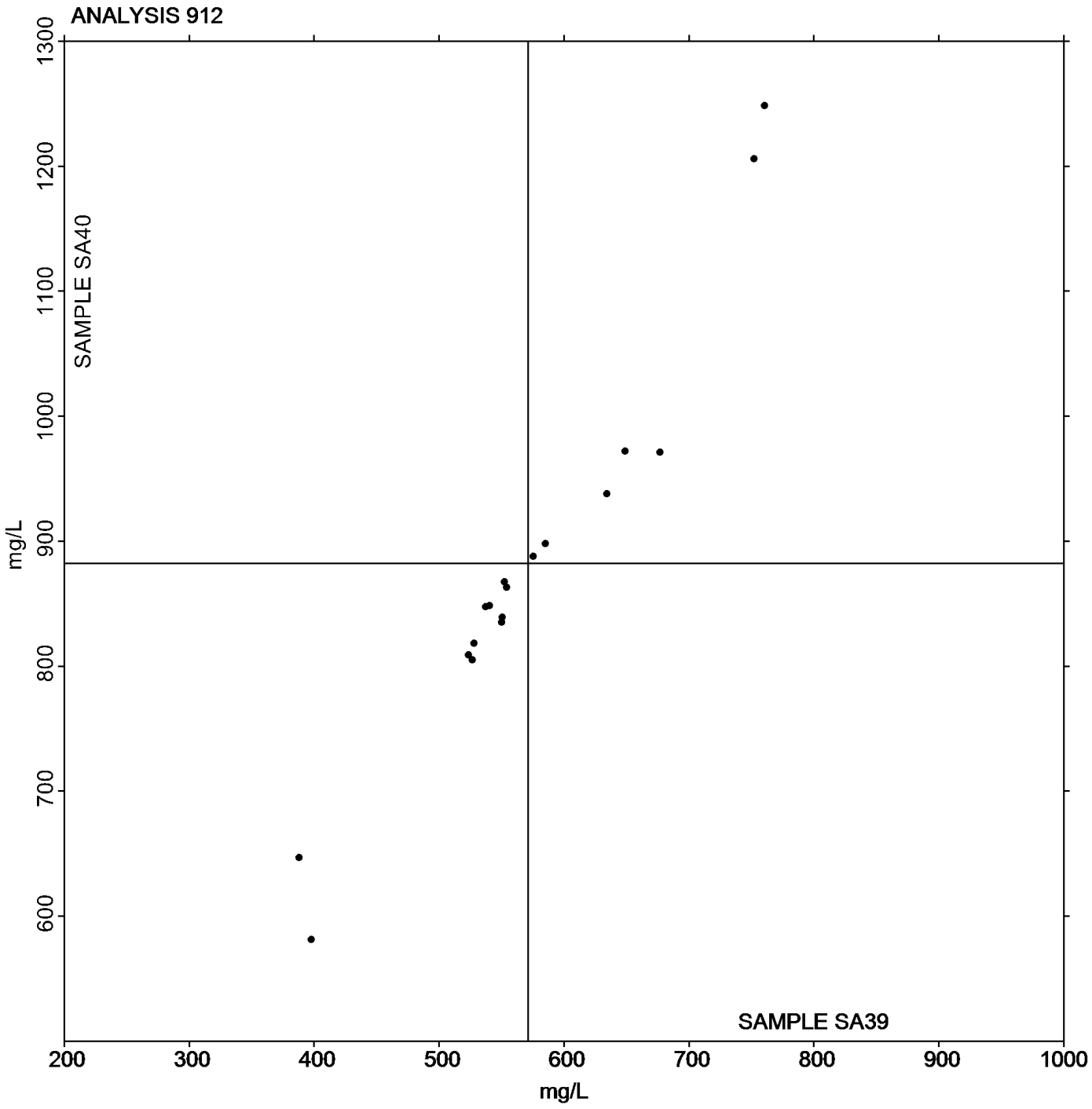
	Sample SA39	Sample SA40
Grand Means	571.27 mg/L	882.39 mg/L
Stnd Dev Btwn Labs	98.02 mg/L	158.40 mg/L

Statistics based on 18 of 18 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Results by Methodology (as reported by laboratory)

Test Methodology	Sample SA39 *Red Moscato* Group Mean	Btwn Lab STD	Diff from GM	Sample SA40 *Sweet Red* Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Please specify method used	677.000	0.000	105.7	971.000	0.000	88.6	1/1
Atomic Absorption Spectroscopy	521.255	71.051	-50.0	798.004	123.857	-84.4	5/5
ICP	530.786	73.202	-40.5	821.429	88.955	-61.0	7/7
Other _____	646.167	107.278	74.9	1,008.500	182.016	126.1	3/3
Colorimetric Analysis	672.750	124.097	101.5	1,073.250	247.841	190.9	2/2



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 SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
34YAM9		0.5450	-0.0311	-1.04	1.772	-0.074	-0.88
367RL4		0.5650	-0.0111	-0.37	1.791	-0.055	-0.66
3F3ZZZ		0.5815	0.0054	0.18	1.855	0.009	0.11
43YYZ6	X	0.4900	-0.0861	-2.88	1.760	-0.086	-1.02
63UYFU		0.6397	0.0636	2.13	2.024	0.178	2.11
7MW8AK		0.5810	0.0049	0.16	1.839	-0.007	-0.09
9VKGUY		0.5720	-0.0041	-0.14	1.830	-0.016	-0.19
A3HQH3	X	0.1220	-0.4541	-15.19	0.138	-1.708	-20.28
AVEMNX		0.5830	0.0069	0.23	1.820	-0.026	-0.31
AW9B8U	*	0.6715	0.0954	3.19	2.113	0.267	3.17
B4NETM		0.5800	0.0039	0.13	1.800	-0.046	-0.54
DBGK6Q		0.5695	-0.0066	-0.22	1.812	-0.034	-0.40
DWZMZQ	X	0.5055	-0.0706	-2.36	1.862	0.016	0.19
E24TBM		0.5460	-0.0301	-1.01	1.768	-0.078	-0.92
EHUXHG		0.5730	-0.0031	-0.10	1.805	-0.041	-0.48
EMQKAJ		0.5340	-0.0421	-1.41	1.788	-0.058	-0.69
EZY2KU		0.5640	-0.0121	-0.41	1.818	-0.028	-0.33
F3GMQM	X	0.7405	0.1644	5.50	2.195	0.349	4.15
F8BJDT		0.5565	-0.0196	-0.66	1.828	-0.018	-0.22
FRY7XF	X	0.6390	0.0629	2.10	2.222	0.376	4.47
FY2CGP	X	0.4300	-0.1461	-4.89	1.695	-0.151	-1.79
GFG3R9		0.5765	0.0004	0.01	1.846	0.000	0.00
GJJ24M		0.5500	-0.0261	-0.87	1.715	-0.131	-1.55
GQZKJF	X	0.5799	0.0038	0.13	2.221	0.375	4.45
K3KVNN	X	0.2400	-0.3361	-11.24	0.760	-1.086	-12.89
KLAEDF		0.5500	-0.0261	-0.87	1.850	0.004	0.05
KU84XQ		0.5720	-0.0041	-0.14	1.844	-0.002	-0.02
L2MA7G		0.6300	0.0539	1.80	1.960	0.114	1.36
LAY7CA		0.5715	-0.0046	-0.15	1.910	0.064	0.76
LC6PDQ		0.6320	0.0559	1.87	2.038	0.192	2.28
MDFTKM	X	0.7642	0.1881	6.29	2.122	0.277	3.28
NVNA7C		0.5535	-0.0226	-0.76	1.825	-0.021	-0.25
NW6LPH		0.5720	-0.0041	-0.14	1.843	-0.003	-0.03
PBYFVG		0.5530	-0.0231	-0.77	1.802	-0.044	-0.52
QD3NEK		0.5710	-0.0051	-0.17	1.797	-0.049	-0.58

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
QGLNU2		0.5825	0.0064	0.21	1.881	0.035	0.41
QLVYPF		0.5655	-0.0106	-0.35	1.758	-0.088	-1.04
QU9T6H		0.5655	-0.0106	-0.35	1.820	-0.026	-0.31
R486DH		0.5730	-0.0031	-0.10	1.810	-0.036	-0.43
RZ74AE		0.5670	-0.0091	-0.30	1.829	-0.017	-0.21
TDWXL8		0.5810	0.0049	0.16	1.865	0.019	0.23
UDQ76B		0.5330	-0.0431	-1.44	1.776	-0.070	-0.83
UUTZDW		0.5665	-0.0096	-0.32	1.837	-0.009	-0.10
V2AXGA	X	0.1050	-0.4711	-15.76	0.331	-1.515	-17.99
W4DT3X		0.5585	-0.0176	-0.59	1.801	-0.045	-0.53
WCNAAX		0.5815	0.0054	0.18	1.858	0.012	0.14
WURKHB		0.5575	-0.0186	-0.62	1.781	-0.065	-0.77
X3E8NX		0.6090	0.0329	1.10	1.958	0.112	1.33
Y3UNG6		0.5441	-0.0320	-1.07	1.705	-0.141	-1.67
Y88NEW		0.6450	0.0689	2.30	2.002	0.156	1.85
YTKGGV		0.5695	-0.0066	-0.22	1.805	-0.041	-0.49
Z2WTB8		0.6133	0.0372	1.24	1.958	0.113	1.34
ZXXGF8		0.5670	-0.0091	-0.30	1.839	-0.007	-0.08

Summary Statistics

Grand Means

0.57611 Absorbance Units — 1.8458 Absorbance Units

Stnd Dev Btwn Labs

0.02989 Absorbance Units — 0.0842 Absorbance Units

Statistics based on 43 of 53 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #915

GQZKJF (X) - Data for sample SA40 are high.

FRY7XF (X) - Data for sample SA40 are high.

F3GMQM (X) - Data for both samples are high.

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

43YYZ6 (X) - Data for sample SA39 are low.

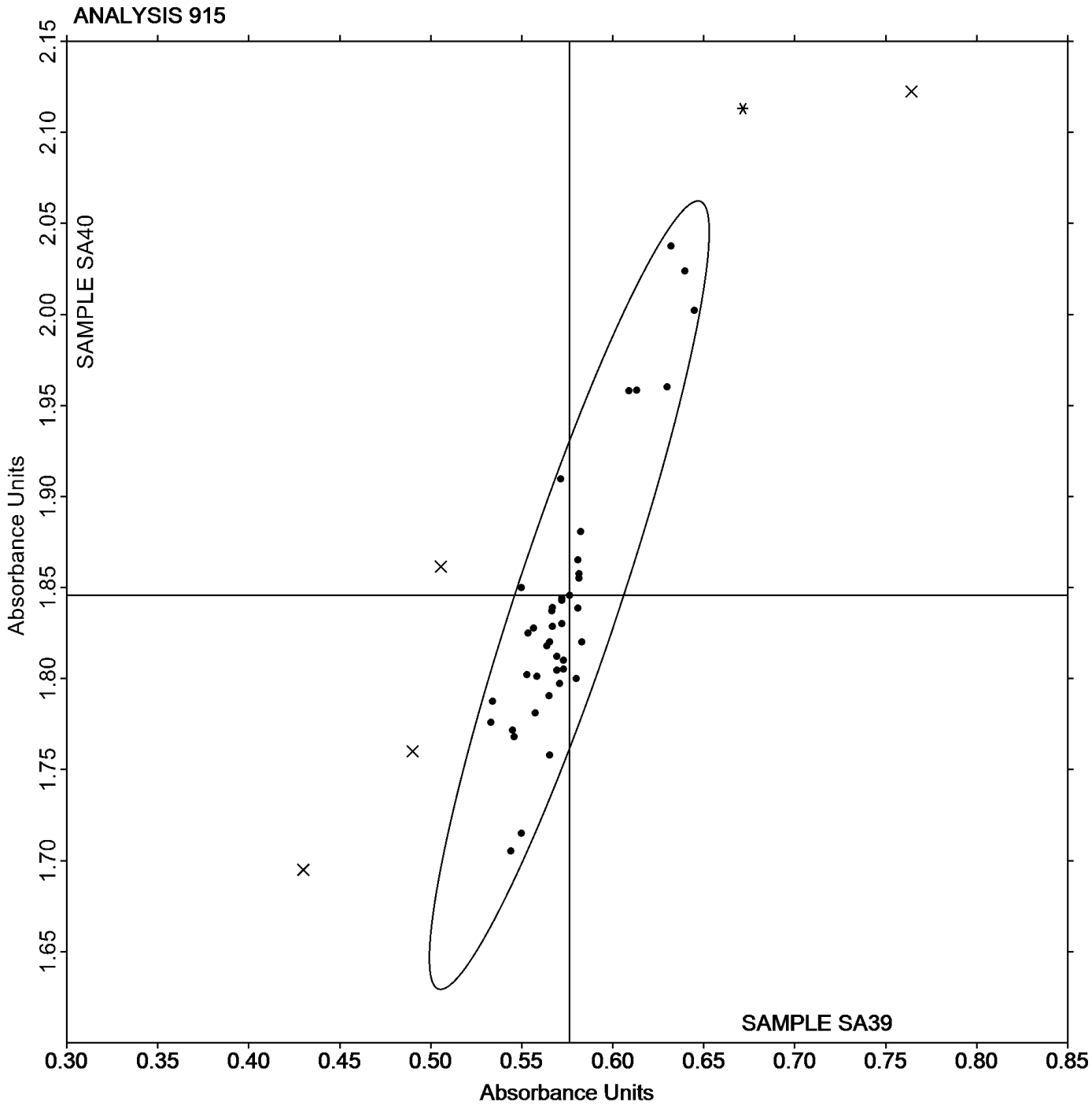
V2AXGA (X) - Data for both samples are low.

K3KVNN (X) - Data for both samples are low.

DWZMZQ (X) - Inconsistent in testing between samples.

FY2CGP (X) - Data for sample SA39 are low.

A3HQH3 (X) - Data for both samples are low.



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
34YAM9		0.4935	-0.0103	-0.49	1.916	-0.090	-1.58
367RL4		0.4855	-0.0183	-0.88	1.938	-0.068	-1.20
3F3ZZZ		0.5035	-0.0003	-0.01	2.005	-0.001	-0.02
43YYZ6	*	0.4500	-0.0538	-2.59	1.900	-0.106	-1.86
63UYFU		0.5489	0.0451	2.17	2.104	0.098	1.72
7MW8AK		0.5035	-0.0003	-0.01	2.002	-0.004	-0.07
9VKGUY	X	0.5020	-0.0018	-0.09	0.390	-1.616	-28.39
A3HQH3	X	0.3700	-0.1338	-6.43	0.454	-1.552	-27.27
AVEMNX		0.5165	0.0127	0.61	1.973	-0.033	-0.59
B4NETM	X	0.5400	0.0362	1.74	1.820	-0.186	-3.27
DBGK6Q		0.5050	0.0012	0.06	2.000	-0.006	-0.11
DWZMZQ	X	0.4475	-0.0563	-2.71	2.043	0.037	0.65
E24TBM		0.4835	-0.0203	-0.98	1.962	-0.044	-0.78
EHUXHG		0.5070	0.0032	0.15	1.960	-0.046	-0.81
EMQKAJ		0.4755	-0.0283	-1.36	1.949	-0.057	-1.00
EZY2KU		0.5230	0.0192	0.92	2.085	0.079	1.38
F3GMQM	X	0.6450	0.1412	6.79	2.371	0.365	6.40
F8BJDT	*	0.5590	0.0552	2.65	2.081	0.075	1.32
FRY7XF	X	0.5880	0.0842	4.05	2.395	0.389	6.83
FY2CGP	X	0.3950	-0.1088	-5.23	1.825	-0.181	-3.18
GFG3R9		0.5080	0.0042	0.20	2.002	-0.004	-0.07
GJJ24M	X	0.5150	0.0112	0.54	1.865	-0.141	-2.48
GQZKJF	*	0.5032	-0.0006	-0.03	2.110	0.104	1.83
K3KVNN		0.4945	-0.0093	-0.45	2.019	0.013	0.22
KLAEDF		0.5000	-0.0038	-0.18	2.050	0.044	0.77
KU84XQ		0.4940	-0.0098	-0.47	2.006	0.000	0.00
L2MA7G	X	0.7000	0.1962	9.43	2.605	0.599	10.52
LAY7CA		0.4960	-0.0078	-0.37	2.032	0.026	0.46
LC6PDQ		0.5420	0.0382	1.84	2.112	0.106	1.86
MDFTKM	X	0.7665	0.2627	12.62	2.382	0.376	6.60
NVNA7C		0.4825	-0.0213	-1.02	1.990	-0.016	-0.28
NW6LPH		0.4960	-0.0078	-0.37	1.992	-0.014	-0.25
PBYFVG		0.4800	-0.0238	-1.14	1.978	-0.028	-0.49
QD3NEK		0.4998	-0.0040	-0.19	1.952	-0.054	-0.94
QGLNU2		0.5090	0.0052	0.25	2.052	0.046	0.80

WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Grand Mean	Sample SA39 CPV	Sample SA40 Lab Mean	Sample SA40 Diff from Grand Mean	Sample SA40 CPV
QLVYPF		0.4945	-0.0093	-0.45	1.942	-0.064	-1.12
QU9T6H		0.5100	0.0062	0.30	2.011	0.005	0.09
R486DH		0.4980	-0.0058	-0.28	1.970	-0.036	-0.63
RZ74AE		0.5085	0.0047	0.23	2.043	0.037	0.64
TDWXL8		0.5085	0.0047	0.23	1.972	-0.034	-0.61
UDQ76B		0.4880	-0.0158	-0.76	1.994	-0.012	-0.21
UUTZDW		0.5005	-0.0033	-0.16	2.021	0.015	0.26
V2AXGA	X	0.1315	-0.3723	-17.89	0.440	-1.566	-27.51
W4DT3X		0.5020	-0.0018	-0.09	2.006	0.000	-0.01
WCNAAX		0.5110	0.0072	0.35	2.007	0.001	0.02
WURKHB		0.4845	-0.0193	-0.93	1.958	-0.048	-0.85
X3E8NX		0.5345	0.0307	1.48	2.130	0.124	2.17
Y3UNG6		0.4966	-0.0072	-0.35	1.923	-0.083	-1.45
Y88NEW		0.5430	0.0392	1.88	2.098	0.092	1.62
YTKGGV		0.5210	0.0172	0.83	1.999	-0.007	-0.12
Z2WTB8	X	0.6258	0.1220	5.86	2.259	0.253	4.44
ZXXGF8		0.4920	-0.0118	-0.57	2.001	-0.005	-0.09

Summary Statistics

Grand Means

Sample SA39	Sample SA40
0.50380 Absorbance Units	2.0060 Absorbance Units

Stnd Dev Btwn Labs

Sample SA39	Sample SA40
0.02081 Absorbance Units	0.0569 Absorbance Units

Statistics based on 40 of 52 reporting participants

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #916

B4NETM (X) - Data for sample SA40 are low. Inconsistent within the determinations of sample SA40.

FRY7XF (X) - Data for both samples are high.

F3GMQM (X) - Data for both samples are high.

L2MA7G (X) - Data for both samples are high.

9VKGUY (X) - Data for sample SA40 are low.

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

V2AXGA (X) - Data for both samples are low.

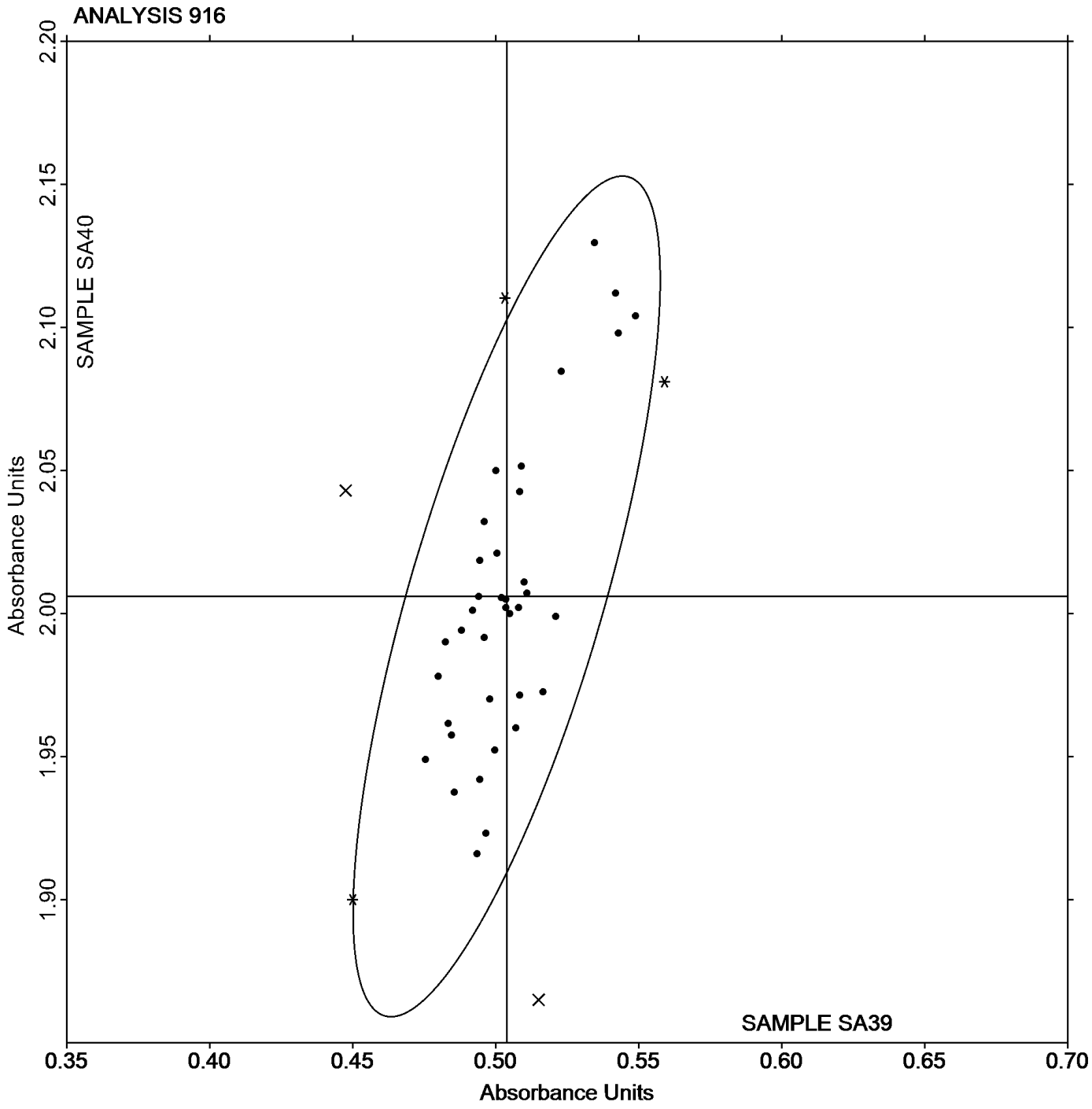
Z2WTB8 (X) - Data for both samples are high.

GJJ24M (X) - Inconsistent in testing between samples.

DWZMZQ (X) - Data for sample SA39 are low.

FY2CGP (X) - Data for both samples are low.

A3HQH3 (X) - Data for both samples are low.



WebCode	Data Flag	Sample SA39 Lab Mean	Sample SA39 Diff from Target Value	Sample SA39 % Diff from Target Value	Sample SA40 Lab Mean	Sample SA40 Diff from Target Value	Sample SA40 % Diff from Target Value
63UYFU		0.4800	0.0060	0.07	0.3300	0.0080	0.18
94REGG		0.5225	0.0485	0.58	0.3375	0.0155	0.34
AVEMNX		0.5185	0.0445	0.53	0.3515	0.0295	0.65
DWZMZQ		0.5900	0.1160	1.38	0.4250	0.1030	2.25
EHUXHG		0.5020	0.0280	0.33	0.3320	0.0100	0.22
GFG3R9		0.4650	-0.0090	-0.11	0.3100	-0.0120	-0.26
LC6PDQ		0.4935	0.0195	0.23	0.2670	-0.0550	-1.20
NVNA7C		0.5100	0.0360	0.43	0.3350	0.0130	0.28
QGLNU2		0.5000	0.0260	0.31	0.3500	0.0280	0.61
QLVYPF		0.4000	-0.0740	-0.88	0.2650	-0.0570	-1.24
UUTZDW		0.5210	0.0470	0.56	0.3245	0.0025	0.06
Z2WTB8		0.2450	-0.2290	-2.73	0.2460	-0.0760	-1.66
ZXXGF8		0.4150	-0.0590	-0.70	0.3120	-0.0100	-0.22

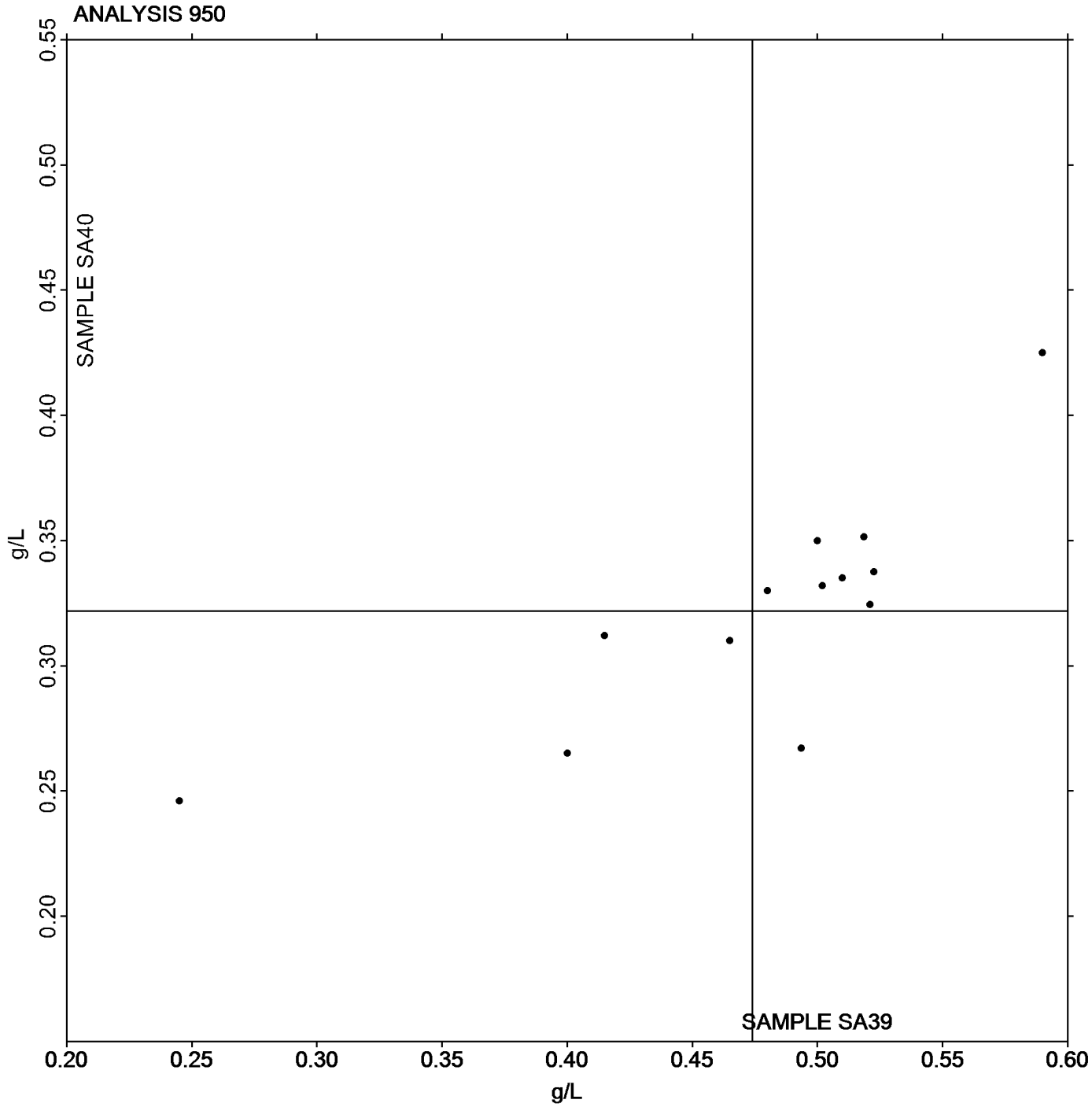
Research Property Consensus Value

	Sample SA39	Sample SA40
Consensus Average	0.47404 g/L	0.32196 g/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 13 reporting participants.

Wines tested: SA39: Red Moscato; SA40: Sweet Red



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 SA39 Lab Mean	Sample SA39 Diff from Target Value	Sample SA39 % Diff from Target Value	Sample SA40 Lab Mean	Sample SA40 Diff from Target Value	Sample SA40 % Diff from Target Value
34YAM9	M	13.00	-16.61	-1.90	No data reported for this sample		
63UYFU		28.00	-1.61	-0.18	17.00	-0.95	-0.08
64KXTT		23.60	-6.01	-0.69	11.50	-6.45	-0.56
AVEMNX		31.50	1.89	0.22	17.50	-0.45	-0.04
DWZMZQ		22.00	-7.61	-0.87	18.00	0.05	0.00
EMQKAJ		22.53	-7.09	-0.81	16.05	-1.90	-0.16
EZY2KU		29.00	-0.61	-0.07	14.50	-3.45	-0.30
GFG3R9		30.35	0.73	0.08	19.89	1.94	0.17
GJJ24M		27.50	-2.11	-0.24	14.00	-3.95	-0.34
LC6PDQ		27.50	-2.11	-0.24	14.50	-3.45	-0.30
NVNA7C		26.00	-3.61	-0.41	12.00	-5.95	-0.51
QGLNU2		28.00	-1.61	-0.18	13.50	-4.45	-0.38
QU9T6H		25.50	-4.11	-0.47	9.50	-8.45	-0.73
TDWXL8		36.00	6.39	0.73	24.00	6.05	0.52
UUTZDW		28.00	-1.61	-0.18	13.00	-4.95	-0.43
Y88NEW	*	59.80	30.19	3.45	59.24	41.29	3.57
Z2WTB8		28.50	-1.11	-0.13	13.00	-4.95	-0.43

Research Property Consensus Value

	Sample SA39	Sample SA40
Consensus Average	29.611 mg/L	17.948 mg/L

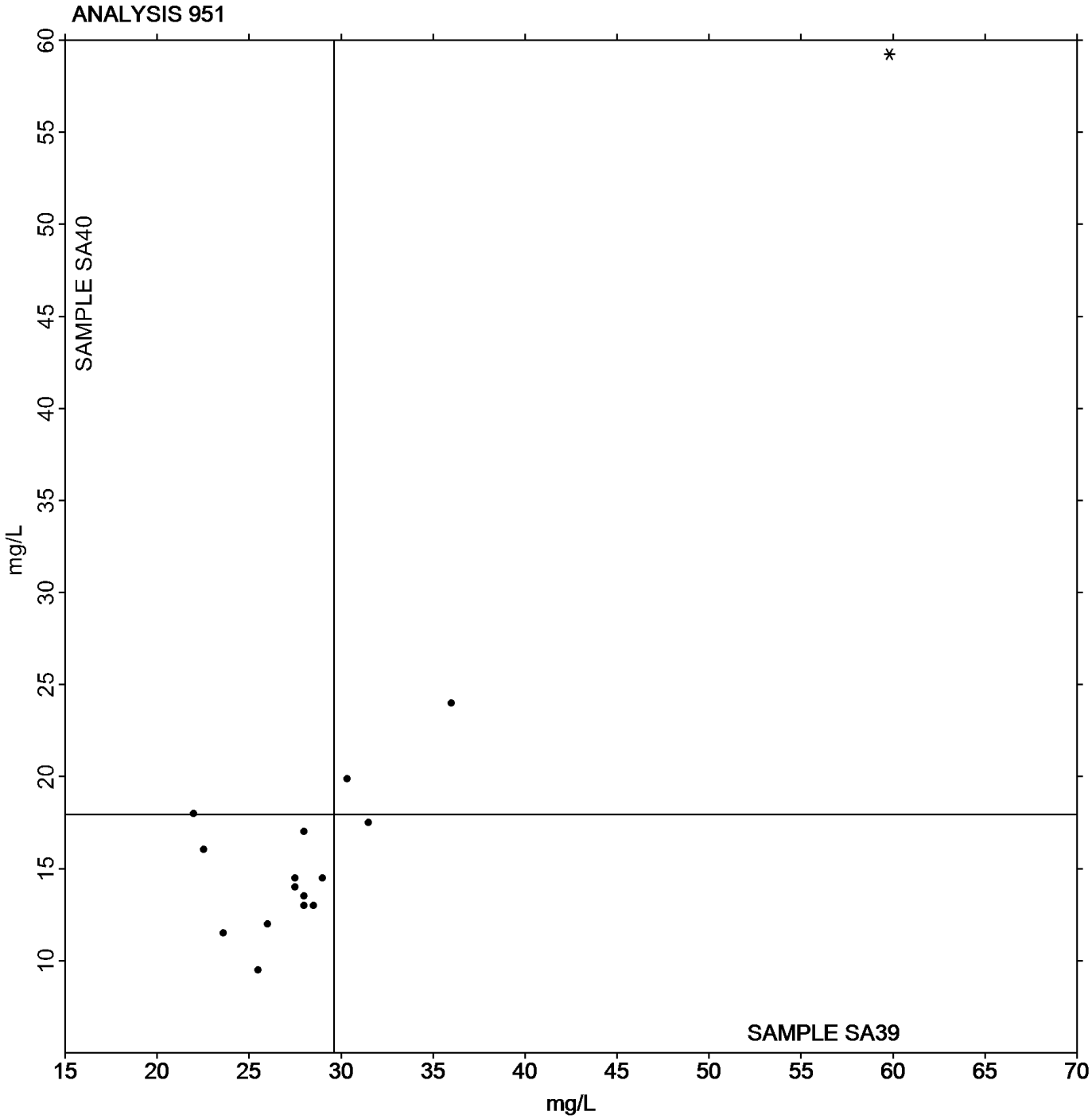
Note: Tests 950, 951 and 952, are research tests. As a result participants should use caution when evaluating data for these tests.

This consensus average is based on 16 reporting participants.

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #951

34YAM9 (M) - Participant did not submit data for sample SA40.



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 SA39 Lab Mean	Sample SA39 Diff from Target Value	Sample SA39 % Diff from Target Value	Sample SA40 Lab Mean	Sample SA40 Diff from Target Value	Sample SA40 % Diff from Target Value
63UYFU		92.00	-4.49	-0.81	142.0	-20.2	-2.08
64KXTT		98.50	2.01	0.36	155.0	-7.2	-0.74
GQZKJF		105.93	9.44	1.70	174.1	11.9	1.22
LC6PDQ		100.00	3.51	0.63	170.0	7.8	0.80
NVNA7C		96.00	-0.49	-0.09	159.5	-2.7	-0.28
QGLNU2		97.50	1.01	0.18	163.0	0.8	0.08
TDWXL8		93.00	-3.49	-0.63	159.5	-2.7	-0.28
UUTZDW		99.00	2.51	0.45	170.0	7.8	0.80
VXTBAW	M	No data reported for this sample			166.5	4.3	0.44
YTKGGV		86.50	-9.99	-1.80	166.5	4.3	0.44

Research Property Consensus Value

	Sample SA39	Sample SA40
Consensus Average	96.492 mg/L	162.17 mg/L

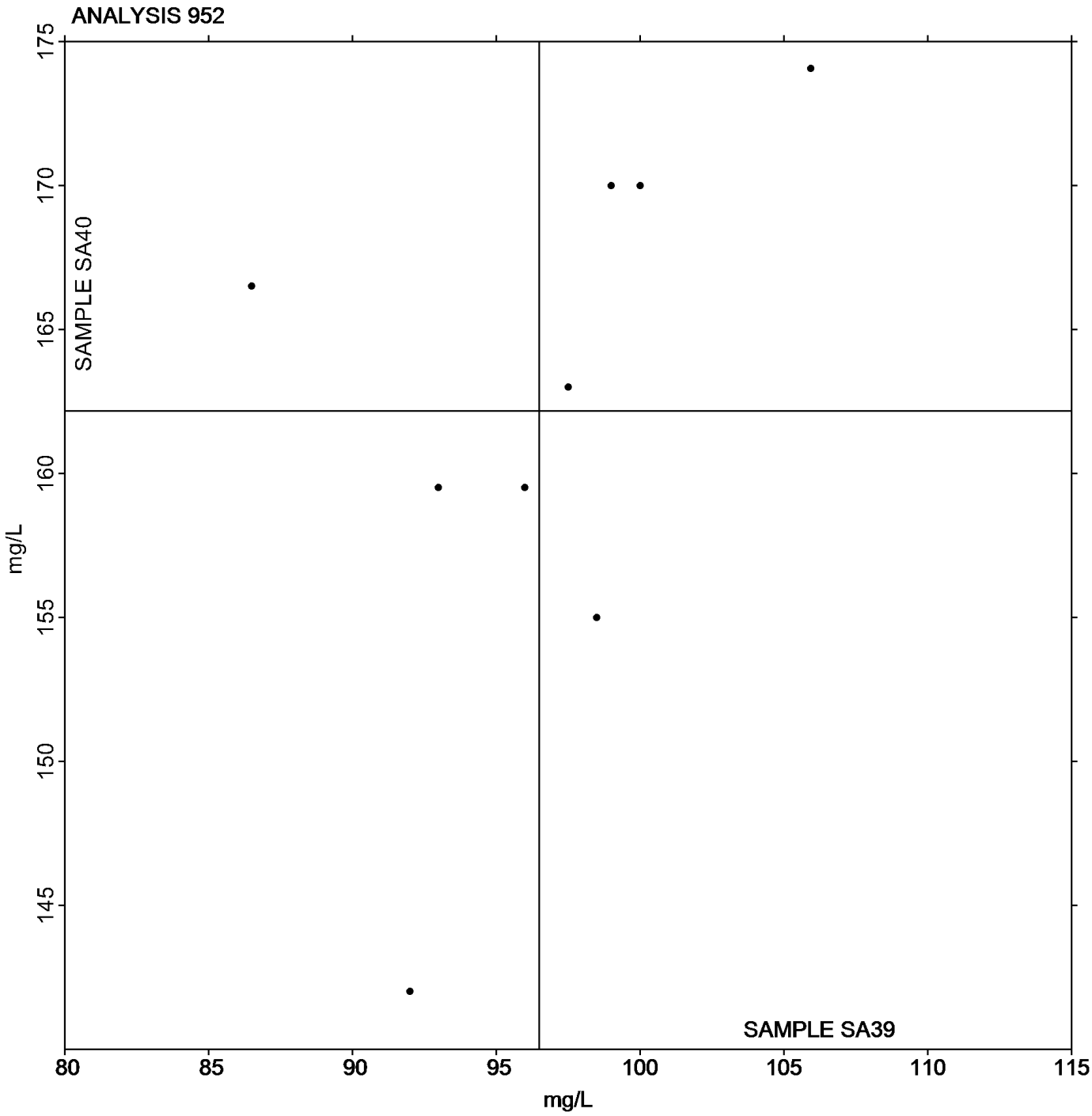
Note: Tests 950, 951 and 952, are research tests. As a result participants should use caution when evaluating data for these tests.

This consensus average is based on 9 reporting participants.

Wines tested: SA39: Red Moscato; SA40: Sweet Red

Comments on Assigned Data Flags for Test #952

VXTBAW (M) - Participant did not submit data for sample SA39.



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-