Collaborative Testing Services, Inc.

Plastics Interlaboratory Testing Program

Web Summary Report #135, 3rd Qtr 2025

Analysis	Analysis Name
704	Tensile Stress at Yield, Plastic Samples
705	Tensile Stress at Break, Plastic Samples
706	Percent Elongation at Yield, Plastic Samples
708	Modulus of Elasticity, Plastic Samples
710	Deflection Temp. Under Flexural Load (1.82 MPa)
711	Deflection Temp. Under Flexural Load (0.455 MPa)
712	Temp. of Deflection Under Flexural Load 1.80 MPa
715	Vicat Softening Temperature (Rate A)
716	Vicat Softening Temperature (Rate B)
718	Specific Gravity
720	Flexural Modulus
721	Flexural Stress at 5% Strain
722	Flexural Stress at Yield
730	Tensile Stress at Yield, ISO Plastic Samples
731	Tensile Stress at Break, ISO Plastic Samples
732	Percent Strain at Yield, ISO Plastic Samples
734	Modulus of Elasticity, ISO Plastic Samples
736	Flexural Modulus, ISO Plastic Samples
737	Flexural Stress at 3.5% Strain
738	Flexural Stress at Yield
750	Flow Rates of Thermoplastics (2.16 kg load)
755	Moisture Content of Plastics
757	Ash Content in Thermoplastics
758	Thermogravimetric Analysis
760	DSC Crystallization Temperature
761	DSC Melt Temperature
762	DSC Enthalpy of Crystallization
763	DSC Enthalpy of Fusion
764	DSC Glass Transition Temperature
765	DSC Crystallization Peak Temperature - Research
766	DSC Melting Peak Temperature - Research
767	DSC Heat of Crystallization - Research
768	DSC Heat of Fusion - Research
769	DSC Glass Transition Temperature - Research
770	Tensile Stress at Yield, Film Samples
771	Tensile Stress at Break, Film Samples
772	Percent Elongation at Yield, Film Samples
773	Percent Elongation at Break, Film Samples
774	Thickness of Film Tensile Samples
775	Secant Modulus at 1% Strain
776	Secant Modulus at 2% Strain
780	Coefficient of Friction: Static
781	Coefficient of Friction: Kinetic
782	Tear Resistance of Films
785	Optical Properties of Films - Percent Haze
786	Optical Properties of Films: % Transmittance
790	Notched Izod Impact
791	Notched Izod Impact (ISO)
792	Notched Charpy Impact, ISO Plastic Samples

About CTS and the Plastics Interlaboratory Program

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

Collaborative Testing Services initiated the Collaborative Reference Program for PLASTICS in 1992 at the request of industry, ASTM committee D-20 members, and accrediting bodies. Additional test methods are always under review and are incorporated into the program when possible.

The program allows laboratories to compare periodically the level and uniformity of their testing with that of other participating laboratories. It also provides a realistic assessment of the state of plastics testing proficiency.

For each test there is a summary of the statistics for the analysis and a graphical representation of the data. Also shown are notes concerning specific laboratory results, as well as significant findings related to instrument types or other testing variations. Refer to the KEY FOR SUMMARY REPORT for an explanation of terms and guidelines for interpreting the results.

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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 Plastics 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.

Inst Code — A code indicating the manufacturer of the instrument used to perform the test (see separate INSTRUMENT CODE LIST for each test section) if instruments are tracked.

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 at least 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.

Plastics Interlaboratory Testing Program

Results Summary for Report #135, 3rd Qtr 2025

Analysis 704 - Tensile Stress at Yield				
Material: ABS	Sample F11	6,619.40	psi	1.75% COV
	Sample F12	6,592.03	psi	1.85% COV
Analysis 705 - Tensile Stress at Break				
Material: ABS	Sample F11	5,069.96	psi	2.59% COV
	Sample F12	5,060.23	psi	2.72% COV
Analysis 706 - Percent Elongation at Yield				
Material: ABS	Sample F11	2.4119	Percent	4.16% COV
	Sample F12	2.4046	Percent	4.12% COV
Analysis 708 - Modulus of Elasticity				
Material: ABS	Sample F11	348.03	ksi	4.21% COV
	Sample F12	347.18	ksi	4.28% COV
Analysis 710 - Deflection Temp. Under Flexural Load (1.82 MPa)				
Material: HIPS	Sample E11	78.941	Degrees C	2.16% COV
	Sample E12	79.073	Degrees C	2.22% COV
Analysis 711 - Deflection Temp. Under Flexural Load (0.455 MPa)				
Material: PP	Sample G11	96.461	Degrees C	12.4% COV
	Sample G12	97.268	Degrees C	12.4% COV
Analysis 712 - Temperature of Deflection (1.80 MPa)				
Material: ABS/PC	Sample N11	104.24	Degrees C	1.30% COV
	Sample N12	104.48	Degrees C	1.34% COV
Analysis 715 - Vicat Temperature (Rate A)				
Material: HIPS	Sample H11	95.945	Degrees C	0.925% COV
	Sample H12	95.975	Degrees C	0.935% COV
Analysis 716 - Vicat Temperature (Rate B)				
Material: HIPS	Sample R11	97.807	Degrees C	3.99% COV
	Sample R12	97.818	Degrees C	4.03% COV
Analysis 718 - Specific Gravity				
Material: ABS	Sample T11	1.0426	sp gr 23/23 C	0.195% COV
	Sample T12	1.0426	sp gr 23/23 C	0.185% COV
Analysis 720 - Flexural Modulus				
Material: ABS	Sample J11	349.99	ksi	6.39% COV
	Sample J12	349.84	ksi	6.41% COV
Analysis 721 - Flexural Stress at 5% Strain				
Material: ABS	Sample J11	9,993.30	psi	4.60% COV
	Sample J12	9,994.99	psi	4.53% COV
Analysis 722 - Flexural Stress at Yield				
Material: ABS	Sample J11	10,005.87	psi	5.14% COV
	Sample J12	10,005.15	psi	4.83% COV
Analysis 730 - Tensile Stress at Yield, ISO Method				
Material: ABS	Sample C11	42.161	MPa	2.04% COV
	Sample C12	42.207	MPa	1.91% COV
Analysis 731 - Tensile Stress at Break, ISO Method				
Material: ABS	Sample C11	31.168	MPa	4.70% COV
	Sample C12	31.099	MPa	4.53% COV

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Results Summary for Report #135, 3rd Qtr 2025

Analysis 732 - Strain at Yield, ISO Method				
Material: ABS	Sample C11	2.3376	Percent	3.54% COV
	Sample C12	2.3426	Percent	3.90% COV
Analysis 734 - Modulus of Elasticity, ISO Method				
Material: ABS	Sample C11	2,279.57	MPa	3.45% COV
	Sample C12	2,274.19	MPa	3.79% COV
Analysis 736 - Flexural Modulus				
Material: ABS	Sample K11	2,296.33	MPa	2.92% COV
	Sample K12	2,298.19	MPa	2.96% COV
Analysis 737 - Flexural Stress at 3.5% Strain				
Material: ABS	Sample K11	62.925	MPa	2.31% COV
	Sample K12	62.890	MPa	2.32% COV
Analysis 738 - Flexural Stress at Yield				
Material: ABS	Sample K11	63.533	MPa	2.18% COV
	Sample K12	63.478	MPa	2.16% COV
Analysis 750 - Flow Rate (190C or 230C/2.16 kg)				
Material: LDPE	Sample X11	6.4253	grams/10 mins	4.54% COV
	Sample X12	6.3979	grams/10 mins	4.73% COV
Analysis 755 - Moisture Content				
Material: ABS	Sample Y11	0.17108	Percent	15.7% COV
	Sample Y12	0.17393	Percent	13.5% COV
Analysis 757 - Ash Content				
Material: PP	Sample L11	20.773	Percent	0.342% COV
	Sample L12	20.793	Percent	0.167% COV
Analysis 758 - TGA				
Material: PBT	Sample A11	68.204	Percent	3.37% COV
	Sample A12	68.027	Percent	3.57% COV
Analysis 760 - DSC Crystallization Temperature				
Material: PP	Sample W11	119.29	Degrees Celsius	2.98% COV
	Sample W12	108.70	Degrees Celsius	4.53% COV
Analysis 761 - DSC Melt Temperature				
Material: PP	Sample W11	165.44	Degrees Celsius	1.20% COV
	Sample W12	165.60	Degrees Celsius	1.17% COV
Analysis 762 - DSC Enthalpy of Crystallization				
Material: PP	Sample W11	103.06	Joules Per Gram	6.45% COV
	Sample W12	97.633	Joules Per Gram	6.45% COV
Analysis 763 - DSC Enthalpy of Fusion				
Material: PP	Sample W11	102.65	Joules Per Gram	7.95% COV
	Sample W12	95.629	Joules Per Gram	8.99% COV
Analysis 764 - DSC Glass Transition Temperature				
Material: ABS	Sample V11	107.70	Degrees Celsius	2.25% COV
	Sample V12	107.72	Degrees Celsius	2.40% COV
Analysis 765 - Research Crystallization Peak Temperature				
Material: PP	Sample W11	119.72	Degrees Celsius	1.26% COV
	Sample W12	109.52	Degrees Celsius	4.14% COV

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Analysis 766 - Research Melting Peak Temperature				
Material: PP	Sample W11	164.89	Degrees Celsius	1.35% COV
	Sample W12	165.06	Degrees Celsius	1.06% COV
Analysis 767 - Research Heat of Crystallization				
Material: PP	Sample W11	103.42	Joules Per Gram	4.57% COV
	Sample W12	103.55	Joules Per Gram	12.8% COV
Analysis 768 - Research Heat of Fusion				
Material: PP	Sample W11	103.75	Joules Per Gram	7.19% COV
	Sample W12	102.09	Joules Per Gram	15.3% COV
Analysis 769 - Research Glass Transition Temperature				
Material: ABS	Sample V11	106.91	Degrees Celsius	1.82% COV
	Sample V12	107.23	Degrees Celsius	2.32% COV
Analysis 770 - Tensile Stress at Yield, Films				
Material: LDPE	Sample B11	1,848.38	psi	36.0% COV
	Sample B12	1,783.48	psi	36.5% COV
Analysis 771 - Tensile Stress at Break, Films				
Material: LDPE	Sample B11	3,839.98	psi	15.6% COV
	Sample B12	4,039.10	psi	20.3% COV
Analysis 772 - Elongation at Yield, Films				
Material: LDPE	Sample B11	38.322	Percent	50.8% COV
	Sample B12	61.708	Percent	12.9% COV
Analysis 773 - Elongation at Break, Films				
Material: LDPE	Sample B11	928.40	Percent	17.9% COV
	Sample B12	960.52	Percent	17.3% COV
Analysis 774 - Thickness of Film Specimens				
Material: LDPE	Sample B11	3.8513	mils	3.20% COV
	Sample B12	3.8891	mils	3.46% COV
Analysis 775 - Secant Modulus at 1% Strain				
Material: LDPE	Sample B11	52,550.29	psi	10.8% COV
	Sample B12	48,053.17	psi	9.25% COV
Analysis 776 - Secant Modulus at 2% Strain				
Material: LDPE	Sample B11	43,918.70	psi	10.7% COV
	Sample B12	39,982.51	psi	10.6% COV
Analysis 780 - Static Friction				
Material: LDPE	Sample P11	0.17591	COF	37.7% COV
	Sample P12	0.33665	COF	30.1% COV
Analysis 781 - Kinetic Friction				
Material: LDPE	Sample P11	0.13053	COF	26.7% COV
	Sample P12	0.32057	COF	44.7% COV
Analysis 782 - Tear Resistance of Film				
Material: LDPE	Sample Q11	302.99	grams-force	13.5% COV
	Sample Q12	296.79	grams-force	9.74% COV
Analysis 785 - Percent Haze				
Material: LDPE	Sample D11	17.171	Percent	4.55% COV
	Sample D12	18.107	Percent	4.43% COV

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Results Summary for Report #135, 3rd Qtr 2025

Analysis 786 - Total Transmittance

Material: LDPE	Sample D11	92.662	Percent	1.09% COV
	Sample D12	92.614	Percent	1.12% COV

Analysis 790 - Notched Izod Impact

Material: ABS	Sample S11	4.0226	ft.lbf/in	7.12% COV
	Sample S12	4.0178	ft.lbf/in	6.84% COV

Analysis 791 - Notched Izod Impact

Material: ABS	Sample Z11	20.898	kJ/m^2	4.52% COV
	Sample Z12	20.902	kJ/m^2	3.96% COV

Analysis 792 - Notched Charpy Impact

Material: ABS	Sample M11	21.761	kJ/m^2	5.60% COV
	Sample M12	21.574	kJ/m^2	4.94% COV

WebCode	Data Flag	Sample F11 Lab Mean	Sample F11 Diff from Grand Mean	Sample F11 CPV	Sample F12 Lab Mean	Sample F12 Diff from Grand Mean	Sample F12 CPV
244EU7		6,592.0	-27.4	-0.24	6,554.0	-38.0	-0.31
2FXTXA		6,555.8	-63.6	-0.55	6,526.8	-65.3	-0.54
2PN9QK		6,588.0	-31.4	-0.27	6,512.0	-80.0	-0.66
2YC6PZ		6,501.4	-118.0	-1.02	6,559.4	-32.6	-0.27
3HHYWW	X	6,962.4	343.0	2.97	6,839.0	247.0	2.02
3LY7E6		6,611.2	-8.2	-0.07	6,618.8	26.7	0.22
62BG2H	*	6,914.6	295.2	2.56	6,856.4	264.4	2.17
6WD392		6,640.6	21.2	0.18	6,582.0	-10.0	-0.08
7JLT6R		6,668.9	49.5	0.43	6,677.6	85.6	0.70
7YGDLF		6,501.4	-118.0	-1.02	6,525.4	-66.7	-0.55
8YV47K		6,677.8	58.4	0.51	6,620.8	28.8	0.24
9G8ARZ		6,470.0	-149.4	-1.29	6,378.0	-214.0	-1.75
9XR2RZ		6,350.0	-269.4	-2.33	6,297.6	-294.4	-2.41
9ZH3V3		6,757.7	138.3	1.20	6,710.1	118.1	0.97
A4CGXH		6,686.4	67.0	0.58	6,568.0	-24.0	-0.20
A8CRTH		6,679.8	60.4	0.52	6,638.6	46.6	0.38
A8DH2L		6,614.2	-5.2	-0.04	6,506.0	-86.0	-0.71
A8W4WW		6,538.0	-81.4	-0.70	6,468.0	-124.0	-1.02
AA4J6N		6,851.6	232.2	2.01	6,790.7	198.7	1.63
ALYRQC		6,597.2	-22.2	-0.19	6,628.6	36.5	0.30
AX8DCQ		6,540.0	-79.4	-0.69	6,513.4	-78.6	-0.64
BR3VFB		6,535.5	-83.9	-0.73	6,526.3	-65.8	-0.54
BRK8UA		6,506.4	-112.9	-0.98	6,483.2	-108.8	-0.89
EV738P		6,586.0	-33.4	-0.29	6,616.4	24.4	0.20
FFA4VF		6,713.0	93.6	0.81	6,689.8	97.8	0.80
H26QCM		6,429.6	-189.8	-1.64	6,387.4	-204.6	-1.68
H4T6YB	X	6,013.1	-606.3	-5.25	6,078.1	-513.9	-4.21
H62D4P		6,458.9	-160.5	-1.39	6,491.7	-100.3	-0.82
HDTVDR		6,802.6	183.2	1.59	6,837.4	245.4	2.01
HUHXZM		6,714.0	94.6	0.82	6,778.0	186.0	1.52
J2GP6A		6,520.0	-99.4	-0.86	6,580.0	-12.0	-0.10
J487Z4		6,695.9	76.5	0.66	6,641.9	49.9	0.41
J6FYDQ		6,498.0	-121.4	-1.05	6,415.1	-177.0	-1.45
JLMF26		6,441.2	-178.2	-1.54	6,448.0	-144.0	-1.18
JR8FEW		6,486.6	-132.8	-1.15	6,548.6	-43.4	-0.36

WebCode	Data Flag	Sample F11 Lab Mean	Sample F11 Diff from Grand Mean	Sample F11 CPV	Sample F12 Lab Mean	Sample F12 Diff from Grand Mean	Sample F12 CPV
KLYC6N	X	6,491.9	-127.5	-1.10	6,297.6	-294.4	-2.41
LNKDP3		6,681.4	62.0	0.54	6,653.6	61.6	0.50
MQ7MAM		6,715.7	96.3	0.83	6,686.2	94.1	0.77
N7UCKA	X	6,464.0	-155.4	-1.35	6,227.5	-364.5	-2.99
NLVQ8Y		6,517.6	-101.8	-0.88	6,513.2	-78.8	-0.65
P4KQAF		6,601.9	-17.5	-0.15	6,546.8	-45.3	-0.37
PAWCK8		6,719.8	100.4	0.87	6,685.2	93.2	0.76
PH67DE		6,639.9	20.5	0.18	6,625.4	33.4	0.27
PKTKY4	X	5,838.3	-781.1	-6.76	5,565.2	-1,026.8	-8.42
PLKJD2	X	6,655.2	35.8	0.31	6,438.8	-153.2	-1.26
PMHRN7		6,587.4	-32.0	-0.28	6,582.8	-9.2	-0.08
Q36P38		6,565.0	-54.4	-0.47	6,515.7	-76.3	-0.63
Q3P98D		6,648.0	28.6	0.25	6,592.0	0.0	0.00
RK2GGD	X	5,818.8	-800.6	-6.93	5,739.2	-852.8	-6.99
RPXXXD		6,567.1	-52.3	-0.45	6,552.3	-39.7	-0.33
T688E8		6,718.0	98.6	0.85	6,726.0	134.0	1.10
TVJD3B		6,600.0	-19.4	-0.17	6,606.2	14.2	0.12
TWQUUE		6,664.9	45.5	0.39	6,688.1	96.0	0.79
U26PEJ		6,686.6	67.2	0.58	6,729.8	137.8	1.13
U2YFHC		6,852.0	232.6	2.01	6,766.0	174.0	1.43
UL9BGA		6,667.2	47.8	0.41	6,599.4	7.4	0.06
UMHHFW		6,797.2	177.8	1.54	6,734.0	142.0	1.16
VCER9F		6,445.2	-174.2	-1.51	6,370.1	-221.9	-1.82
W2EETF		6,650.4	31.0	0.27	6,596.9	4.9	0.04
W84W9C		6,642.0	22.6	0.20	6,630.0	38.0	0.31
WBJL7U	X	6,109.0	-510.4	-4.42	6,039.4	-552.6	-4.53
WFVCXF		6,751.8	132.4	1.15	6,728.6	136.6	1.12
XNHUM9		6,601.6	-17.8	-0.15	6,546.8	-45.2	-0.37
XTYWUD		6,627.2	7.8	0.07	6,584.6	-7.4	-0.06
YFAFK8		6,552.2	-67.2	-0.58	6,470.0	-122.0	-1.00
Z3FF7A	X	6,033.0	-586.4	-5.08	5,998.7	-593.3	-4.86
Z9JMJQ		6,719.4	100.0	0.87	6,648.6	56.6	0.46
ZACDUC		6,742.2	122.8	1.06	6,798.6	206.6	1.69
ZEMLYM		6,749.2	129.8	1.12	6,747.8	155.8	1.28
ZGZ2Q3		6,450.5	-168.9	-1.46	6,415.1	-177.0	-1.45

WebCode	Data Flag	Sample F11 Lab Mean	Sample F11 Diff from Grand Mean	Sample F11 CPV	Sample F12 Lab Mean	Sample F12 Diff from Grand Mean	Sample F12 CPV
ZTUEQY		6,421.7	-197.7	-1.71	6,415.1	-176.9	-1.45
ZU3PHW	*	6,594.8	-24.6	-0.21	6,433.6	-158.4	-1.30
ZW7K4K		6,732.7	113.3	0.98	6,755.9	163.8	1.34
ZWBL98		6,625.8	6.4	0.06	6,561.8	-30.2	-0.25

Summary Statistics

	Sample F11	Sample F12
Grand Means	6,619.40 psi	6,592.03 psi
Stnd Dev Btwn Labs	115.53 psi	121.97 psi

Statistics based on 65 of 74 reporting participants

Sample F11: ABS & Sample F12: ABS

Comments on Assigned Data Flags for Test #704

KLYC6N (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

Z3FF7A (X) - Data for both samples are low. Possible Systematic Error.

N7UCKA (X) - Data for sample F12 are low. Inconsistent within the determinations of sample F12.

3HHYWW (X) - Data for sample F11 are high.

RK2GGD (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

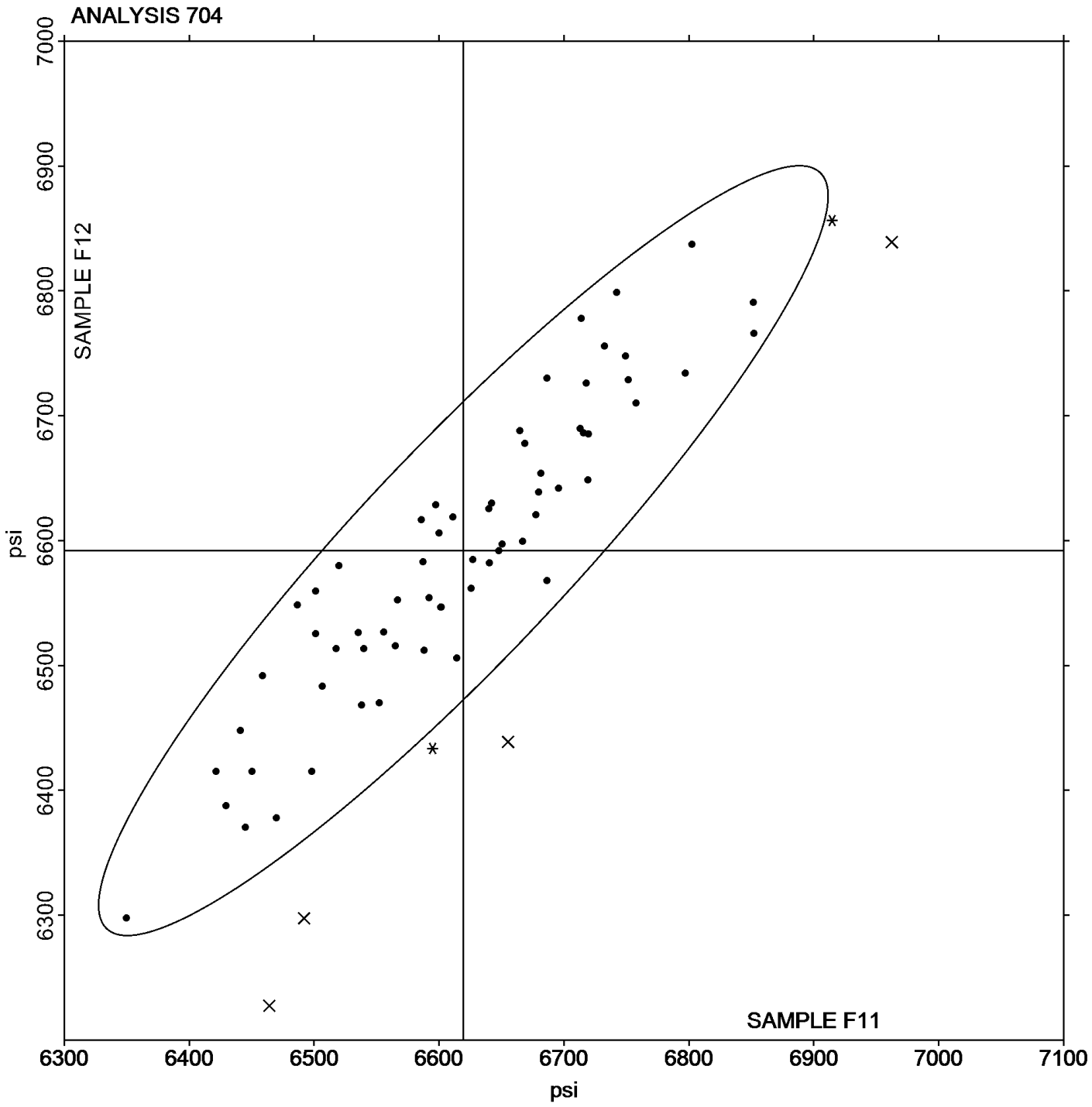
PLKJD2 (X) - Inconsistent in testing between samples.

WBJL7U (X) - Data for both samples are low. Possible Systematic Error.

H4T6YB (X) - Data for both samples are low. Possible Systematic Error.

PKTKY4 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample F12.

Grand Mean Sample F11: 6,619.40 psi Grand Mean Sample F12: 6,592.03 psi



WebCode	Data Flag	Sample F11 Lab Mean	Sample F11 Diff from Grand Mean	Sample F11 CPV	Sample F12 Lab Mean	Sample F12 Diff from Grand Mean	Sample F12 CPV
244EU7		5,030.0	-40.0	-0.30	4,920.0	-140.2	-1.02
2FXTXA		5,018.3	-51.6	-0.39	4,960.3	-99.9	-0.73
2PN9QK	X	6,588.0	1,518.0	11.58	6,512.0	1,451.8	10.54
2YC6PZ		5,035.0	-35.0	-0.27	4,982.4	-77.8	-0.56
3HHYWW		5,335.0	265.0	2.02	5,293.0	232.8	1.69
3LY7E6		5,204.1	134.2	1.02	5,216.9	156.7	1.14
62BG2H		5,184.8	114.8	0.88	5,262.8	202.6	1.47
6WD392		5,029.6	-40.4	-0.31	5,049.2	-11.0	-0.08
7JLT6R		4,942.9	-127.0	-0.97	5,067.7	7.4	0.05
8YV47K		5,130.6	60.6	0.46	5,054.6	-5.6	-0.04
9G8ARZ		4,980.0	-90.0	-0.69	4,864.0	-196.2	-1.42
9XR2RZ	*	4,854.0	-216.0	-1.65	4,700.8	-359.4	-2.61
9ZH3V3		5,202.5	132.6	1.01	5,163.4	103.2	0.75
A4CGXH		5,274.4	204.4	1.56	5,260.2	200.0	1.45
A8CRTH		5,118.0	48.0	0.37	5,197.2	137.0	0.99
A8DH2L		5,048.6	-21.4	-0.16	5,017.6	-42.6	-0.31
A8W4WW		4,937.0	-133.0	-1.01	4,819.0	-241.2	-1.75
AA4J6N		5,154.7	84.7	0.65	5,163.4	103.2	0.75
ALYRQC	*	4,953.7	-116.3	-0.89	5,115.8	55.6	0.40
AX8DCQ		5,090.8	20.8	0.16	5,129.8	69.6	0.51
BR3VFB		5,113.4	43.5	0.33	5,010.6	-49.7	-0.36
BRK8UA		5,148.9	78.9	0.60	5,117.0	56.7	0.41
EV738P		5,067.0	-3.0	-0.02	5,074.8	14.6	0.11
FFA4VF		5,124.4	54.4	0.42	5,185.8	125.6	0.91
H26QCM		4,937.2	-132.7	-1.01	4,901.9	-158.3	-1.15
H4T6YB	*	4,789.6	-280.4	-2.14	4,712.8	-347.4	-2.52
H62D4P		5,047.4	-22.6	-0.17	4,963.1	-97.1	-0.70
HDTVDR	X	5,507.8	437.8	3.34	5,315.2	255.0	1.85
HUHXZM		5,126.0	56.0	0.43	5,090.0	29.8	0.22
J2GP6A		5,180.0	110.0	0.84	5,100.0	39.8	0.29
J487Z4		5,320.9	250.9	1.91	5,257.4	197.1	1.43
J6FYDQ		4,949.9	-120.1	-0.92	4,919.4	-140.8	-1.02
JLMF26		5,000.6	-69.4	-0.53	5,006.8	-53.4	-0.39
JR8FEW		4,911.6	-158.4	-1.21	4,874.4	-185.8	-1.35
KLYC6N		5,032.9	-37.1	-0.28	4,989.3	-70.9	-0.51

WebCode	Data Flag	Sample F11 Lab Mean	Sample F11 Diff from Grand Mean	Sample F11 CPV	Sample F12 Lab Mean	Sample F12 Diff from Grand Mean	Sample F12 CPV
LNKDP3		5,042.2	-27.8	-0.21	5,109.4	49.2	0.36
MQ7MAM		5,183.2	113.3	0.86	5,204.0	143.8	1.04
N7UCKA		5,214.0	144.0	1.10	5,220.0	159.8	1.16
NLVQ8Y		5,026.0	-44.0	-0.34	5,050.8	-9.4	-0.07
P4KQAF		4,884.9	-185.0	-1.41	4,975.7	-84.5	-0.61
PAWCK8		5,069.4	-0.6	0.00	5,087.4	27.2	0.20
PH67DE		5,050.3	-19.7	-0.15	5,047.4	-12.9	-0.09
PKTKY4		5,030.0	-40.0	-0.31	5,070.6	10.3	0.08
PLKJD2		5,026.8	-43.2	-0.33	4,944.2	-116.0	-0.84
PMHRN7		5,173.4	103.4	0.79	5,116.0	55.8	0.40
Q36P38		4,876.8	-193.2	-1.47	4,920.6	-139.6	-1.01
RK2GGD		5,126.4	56.4	0.43	5,096.6	36.4	0.26
RPXXXD		4,917.1	-152.8	-1.17	4,900.0	-160.2	-1.16
T688E8	*	5,364.8	294.8	2.25	5,232.4	172.2	1.25
TVJD3B		5,144.4	74.4	0.57	5,047.0	-13.2	-0.10
TWQUUE		5,072.5	2.5	0.02	5,085.0	24.7	0.18
U26PEJ		5,086.5	16.6	0.13	5,236.5	176.3	1.28
U2YFHC		5,127.0	57.0	0.44	5,165.6	105.4	0.76
UL9BGA		5,208.2	138.2	1.05	5,101.2	41.0	0.30
UMHHFW		5,113.6	43.6	0.33	5,124.6	64.4	0.47
VCER9F		5,119.3	49.3	0.38	5,065.1	4.8	0.04
WBJL7U		4,907.0	-163.0	-1.24	4,893.0	-167.2	-1.21
WFVCXF		5,216.0	146.0	1.11	5,258.8	198.6	1.44
XNHUM9		5,092.8	22.8	0.17	5,105.8	45.6	0.33
XTYWUD		5,101.8	31.8	0.24	5,088.2	28.0	0.20
YFAFK8		4,840.0	-230.0	-1.75	4,960.0	-100.2	-0.73
Z3FF7A		4,913.0	-157.0	-1.20	4,982.2	-78.0	-0.57
Z9JMJQ		5,126.6	56.6	0.43	5,068.2	8.0	0.06
ZACDUC		5,200.6	130.6	1.00	5,254.0	193.8	1.41
ZEMLYM		5,279.6	209.6	1.60	5,231.6	171.4	1.24
ZGZ2Q3		4,778.7	-291.2	-2.22	4,785.4	-274.8	-1.99
ZTUEQY		4,954.2	-115.8	-0.88	4,910.8	-149.4	-1.08
ZW7K4K		5,248.2	178.2	1.36	5,273.0	212.8	1.54
ZWBL98		4,898.0	-172.0	-1.31	4,982.8	-77.4	-0.56

Summary Statistics	Sample F11	Sample F12
Grand Means	5,069.96 psi	5,060.23 psi
Stnd Dev Btwn Labs	131.13 psi	137.77 psi

Statistics based on 67 of 69 reporting participants

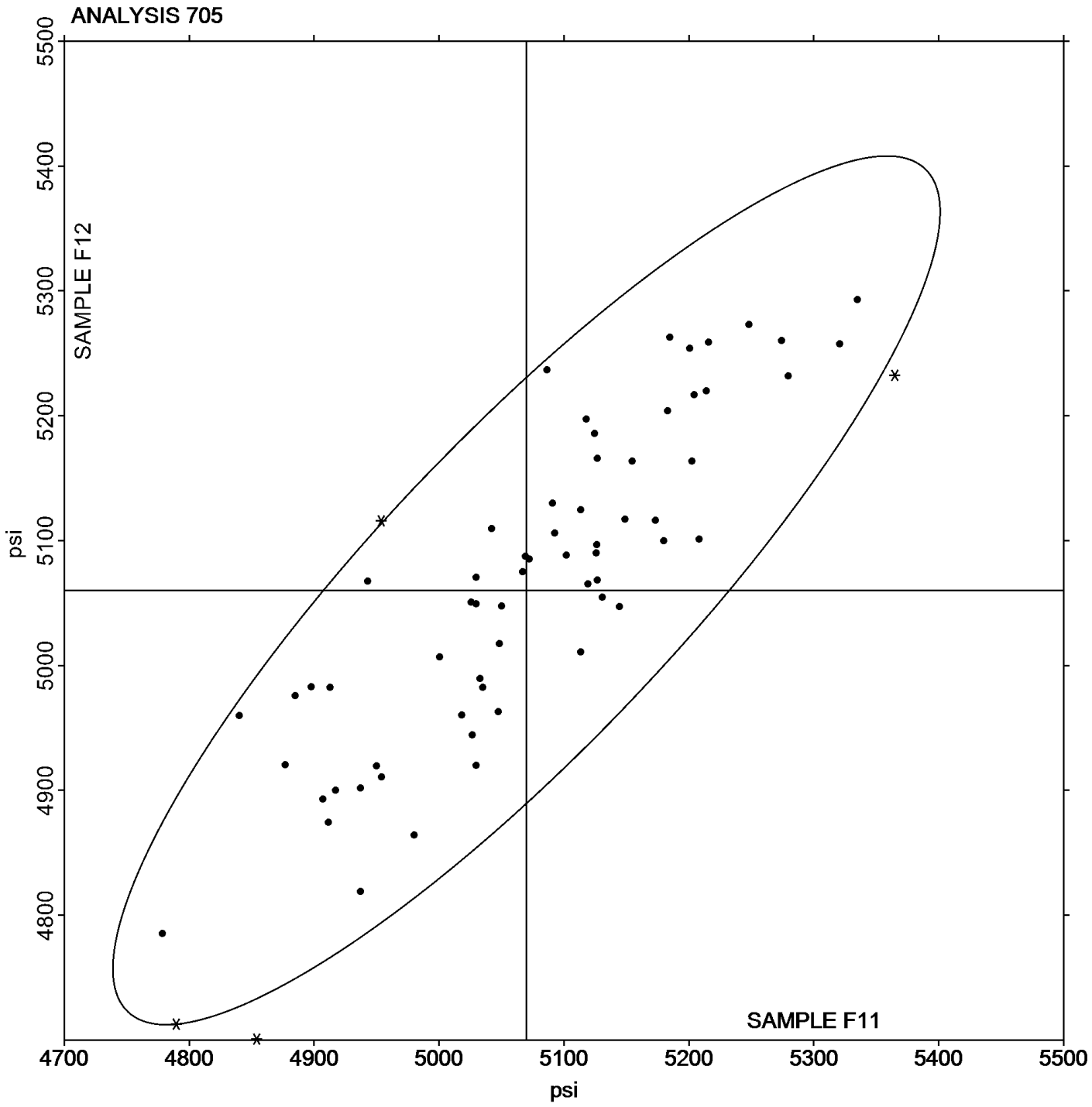
Sample F11: ABS & Sample F12: ABS

Comments on Assigned Data Flags for Test #705

2PN9QK (X) - Data for both samples are high. Possible Systematic Error.

HDTVDR (X) - Data for sample F11 are high.

Grand Mean Sample F11: 5,069.96 psi Grand Mean Sample F12: 5,060.23 psi



WebCode	Data Flag	Sample F11 Lab Mean	Sample F11 Diff from Grand Mean	Sample F11 CPV	Sample F12 Lab Mean	Sample F12 Diff from Grand Mean	Sample F12 CPV
244EU7		2.316	-0.096	-0.96	2.310	-0.095	-0.96
2FXTXA		2.354	-0.058	-0.58	2.370	-0.035	-0.35
2PN9QK		2.414	0.002	0.02	2.382	-0.023	-0.23
2YC6PZ		2.615	0.203	2.03	2.635	0.230	2.33
3LY7E6		2.525	0.113	1.13	2.492	0.087	0.88
62BG2H	X	6.174	3.762	37.51	6.138	3.734	37.73
6WD392		2.358	-0.054	-0.54	2.326	-0.079	-0.79
7JLT6R		2.398	-0.014	-0.14	2.408	0.003	0.03
7YGDLF		2.444	0.032	0.32	2.451	0.047	0.47
8YV47K		2.544	0.132	1.32	2.526	0.121	1.23
9G8ARZ	X	3.320	0.908	9.06	3.340	0.935	9.45
9XR2RZ		2.302	-0.110	-1.10	2.316	-0.089	-0.90
9ZH3V3		2.478	0.066	0.66	2.484	0.079	0.80
A4CGXH		2.370	-0.042	-0.42	2.310	-0.095	-0.96
A8CRTH		2.414	0.002	0.02	2.369	-0.036	-0.36
A8DH2L		2.390	-0.022	-0.22	2.374	-0.031	-0.31
A8W4WW		2.439	0.027	0.27	2.425	0.021	0.21
AA4J6N		2.500	0.088	0.88	2.500	0.095	0.96
ALYRQC		2.448	0.036	0.36	2.424	0.019	0.20
AX8DCQ		2.404	-0.008	-0.08	2.464	0.059	0.60
BR3VFB		2.424	0.012	0.12	2.376	-0.029	-0.29
BRK8UA		2.258	-0.154	-1.54	2.305	-0.100	-1.01
EV738P		2.394	-0.018	-0.18	2.432	0.027	0.28
FFA4VF		2.448	0.036	0.36	2.440	0.035	0.36
H26QCM		2.304	-0.108	-1.08	2.350	-0.054	-0.55
H4T6YB		2.210	-0.202	-2.01	2.250	-0.155	-1.56
H62D4P	X	1.918	-0.494	-4.93	2.062	-0.343	-3.46
HDTVDR	*	2.150	-0.262	-2.61	2.144	-0.261	-2.63
HUHXZM		2.460	0.048	0.48	2.460	0.055	0.56
J487Z4		2.492	0.080	0.80	2.470	0.065	0.66
J6FYDQ		2.412	0.000	0.00	2.360	-0.045	-0.45
JLMF26		2.278	-0.134	-1.34	2.292	-0.113	-1.14
JR8FEW		2.380	-0.032	-0.32	2.428	0.023	0.24
KLYC6N	*	2.590	0.178	1.78	2.498	0.093	0.94
LNKDP3	X	2.868	0.456	4.55	2.800	0.395	4.00

WebCode	Data Flag	Sample F11 Lab Mean	Sample F11 Diff from Grand Mean	Sample F11 CPV	Sample F12 Lab Mean	Sample F12 Diff from Grand Mean	Sample F12 CPV
MQ7MAM	*	2.685	0.273	2.72	2.666	0.261	2.64
N7UCKA	X	2.022	-0.390	-3.89	2.065	-0.340	-3.43
NLVQ8Y		2.384	-0.028	-0.28	2.386	-0.019	-0.19
P4KQAF		2.468	0.056	0.56	2.464	0.059	0.60
PAWCK8		2.448	0.036	0.36	2.416	0.011	0.12
PH67DE		2.476	0.064	0.64	2.460	0.055	0.56
PKTKY4	X	2.596	0.184	1.84	2.329	-0.076	-0.77
PLKJD2		2.394	-0.018	-0.18	2.362	-0.043	-0.43
PMHRN7		2.458	0.046	0.46	2.470	0.065	0.66
Q36P38		2.448	0.036	0.36	2.472	0.067	0.68
RK2GGD	*	2.230	-0.182	-1.81	2.160	-0.245	-2.47
RPXXXD		2.484	0.072	0.72	2.482	0.077	0.78
T688E8		2.405	-0.007	-0.07	2.448	0.043	0.44
TVJD3B		2.408	-0.004	-0.04	2.438	0.033	0.34
TWQUUE		2.500	0.088	0.88	2.500	0.095	0.96
U26PEJ		2.388	-0.024	-0.24	2.414	0.009	0.09
U2YFHC		2.592	0.180	1.80	2.540	0.135	1.37
UL9BGA		2.326	-0.086	-0.86	2.312	-0.093	-0.94
UMHHFW		2.220	-0.192	-1.91	2.237	-0.167	-1.69
VCER9F		2.546	0.134	1.34	2.550	0.145	1.47
WBJL7U		2.264	-0.148	-1.48	2.262	-0.143	-1.44
WFVCXF		2.410	-0.002	-0.02	2.380	-0.025	-0.25
XNHUM9		2.374	-0.038	-0.38	2.386	-0.019	-0.19
XTYWUD		2.388	-0.024	-0.24	2.364	-0.041	-0.41
YFAFK8	*	2.482	0.070	0.70	2.366	-0.039	-0.39
Z3FF7A	X	3.436	1.024	10.21	3.614	1.209	12.22
Z9JMJQ	*	2.322	-0.090	-0.90	2.222	-0.183	-1.85
ZACDUC	X	2.394	-0.018	-0.18	2.522	0.117	1.19
ZEMLYM		2.416	0.004	0.04	2.438	0.033	0.34
ZGZ2Q3		2.456	0.044	0.44	2.468	0.063	0.64
ZU3PHW		2.376	-0.036	-0.36	2.378	-0.027	-0.27
ZW7K4K		2.402	-0.010	-0.10	2.416	0.011	0.12
ZWBL98		2.454	0.042	0.42	2.448	0.043	0.44

Summary Statistics	Sample F11	Sample F12
Grand Means	2.4119 Percent	2.4046 Percent
Stnd Dev Btwn Labs	0.1003 Percent	0.0990 Percent

Statistics based on 60 of 68 reporting participants

Sample F11: ABS & Sample F12: ABS

Comments on Assigned Data Flags for Test #706

H62D4P (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample F11.

Z3FF7A (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

ZACDUC (X) - Inconsistent in testing between samples.

N7UCKA (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

62BG2H (X) - Extreme data.

LNKDP3 (X) - Data for both samples are high. Possible Systematic Error.

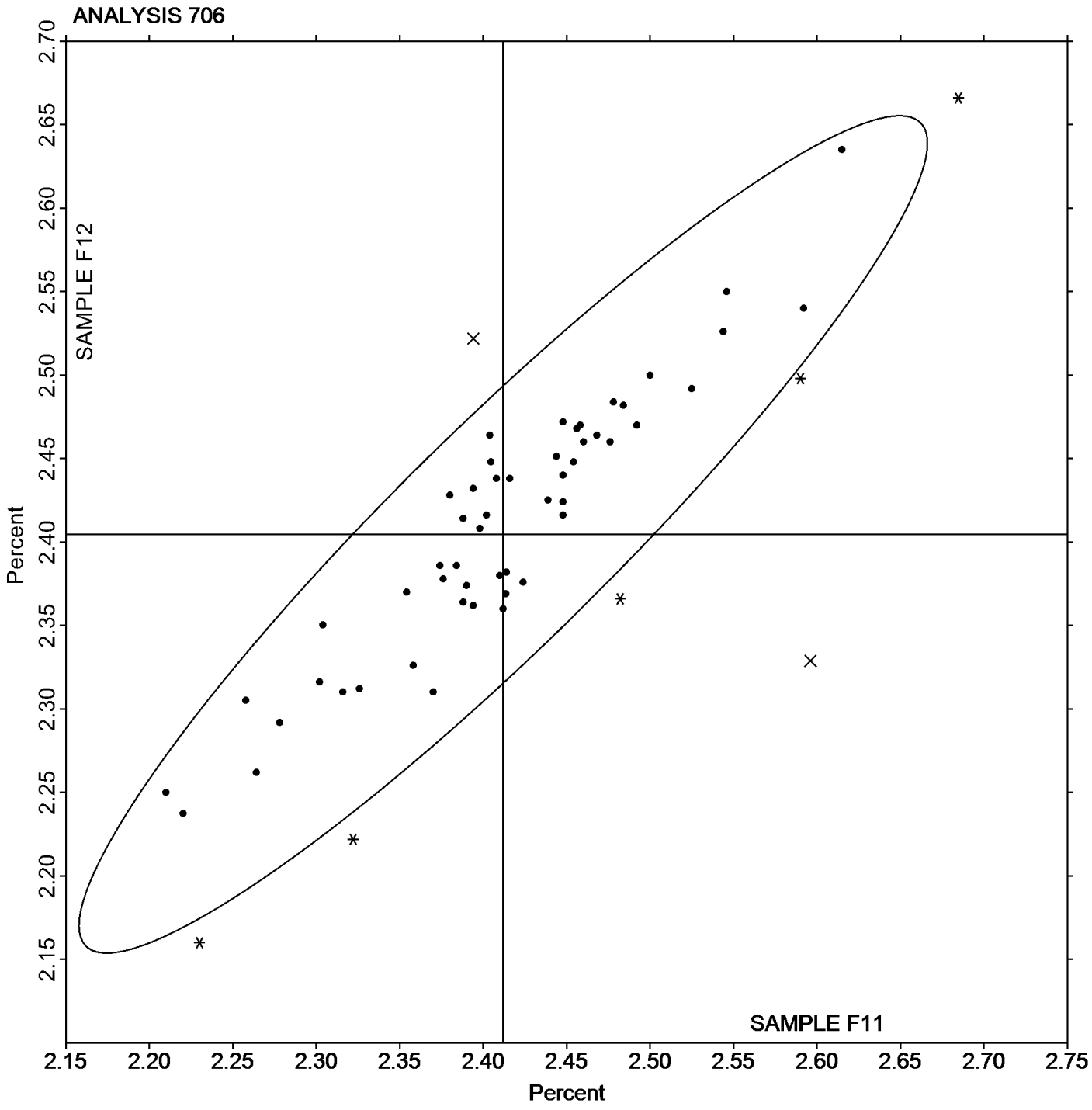
9G8ARZ (X) - Data for both samples are high. Possible Systematic Error.

PKTKY4 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

Results by Methodology (as reported by laboratory)

	Sample F11 *ABS*			Sample F12 *ABS*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
manual elongation measurements	2.2300	0.0000	-0.182	2.1600	0.0000	-0.245	1/1
contact extensometer to measure elongation	2.4195	0.0944	0.008	2.4134	0.0937	0.009	46/52
crosshead deflection/movement	2.4886	0.1111	0.077	2.4678	0.1083	0.063	5/7
video extensometer	2.3433	0.0759	-0.069	2.3453	0.0590	-0.059	8/8

Grand Mean Sample F11: 2.4119 Percent Grand Mean Sample F12: 2.4046 Percent



WebCode	Data Flag	Sample F11 Lab Mean	Sample F11 Diff from Grand Mean	Sample F11 CPV	Sample F12 Lab Mean	Sample F12 Diff from Grand Mean	Sample F12 CPV
244EU7		365.40	17.37	1.19	369.00	21.82	1.47
2FXTXA		359.46	11.43	0.78	353.95	6.77	0.46
2PN9QK		341.80	-6.23	-0.43	338.00	-9.18	-0.62
2YC6PZ	X	426.52	78.49	5.36	428.38	81.19	5.47
3LY7E6		339.40	-8.63	-0.59	344.99	-2.20	-0.15
6WD392		337.86	-10.17	-0.69	344.40	-2.78	-0.19
7JLT6R		359.90	11.87	0.81	368.40	21.21	1.43
7YGDLF		344.77	-3.26	-0.22	344.57	-2.62	-0.18
8YV47K		329.48	-18.56	-1.27	332.51	-14.67	-0.99
9G8ARZ	X	232.80	-115.23	-7.87	237.80	-109.38	-7.37
9XR2RZ		332.80	-15.23	-1.04	326.40	-20.78	-1.40
9ZH3V3		343.08	-4.96	-0.34	336.64	-10.55	-0.71
A4CGXH	*	337.70	-10.33	-0.71	323.18	-24.00	-1.62
A8CRTH		340.22	-7.82	-0.53	343.48	-3.70	-0.25
A8DH2L		346.58	-1.45	-0.10	343.02	-4.16	-0.28
A8W4WW		358.42	10.39	0.71	349.92	2.74	0.18
AA4J6N		345.19	-2.84	-0.19	344.32	-2.86	-0.19
ALYRQC		357.14	9.11	0.62	357.60	10.41	0.70
AX8DCQ		336.16	-11.87	-0.81	328.64	-18.54	-1.25
BR3VFB		340.09	-7.94	-0.54	340.00	-7.18	-0.48
BRK8UA	X	458.90	110.87	7.57	458.32	111.14	7.49
EV738P		356.66	8.63	0.59	353.90	6.72	0.45
FFA4VF		351.46	3.43	0.23	351.50	4.32	0.29
H26QCM		330.11	-17.93	-1.22	325.60	-21.58	-1.45
H4T6YB		355.95	7.92	0.54	353.30	6.11	0.41
H62D4P	X	259.72	-88.31	-6.03	234.88	-112.30	-7.57
HDTVDR	*	377.40	29.37	2.00	363.00	15.82	1.07
HUHXZM		363.20	15.17	1.04	367.20	20.02	1.35
J487Z4		334.78	-13.25	-0.90	335.59	-11.59	-0.78
J6FYDQ		331.68	-16.36	-1.12	336.75	-10.43	-0.70
JLMF26	*	365.10	17.07	1.16	379.28	32.10	2.16
JR8FEW		350.02	1.99	0.14	350.94	3.76	0.25
KLYC6N	*	304.58	-43.45	-2.97	311.83	-35.35	-2.38
LNKDP3	X	292.60	-55.43	-3.78	295.00	-52.18	-3.52
MQ7MAM		314.20	-33.83	-2.31	313.60	-33.58	-2.26

WebCode	Data Flag	Sample F11 Lab Mean	Sample F11 Diff from Grand Mean	Sample F11 CPV	Sample F12 Lab Mean	Sample F12 Diff from Grand Mean	Sample F12 CPV
N7UCKA	X	381.80	33.77	2.30	352.00	4.82	0.32
NLVQ8Y		348.58	0.55	0.04	355.96	8.78	0.59
P4KQAF		337.64	-10.40	-0.71	337.40	-9.78	-0.66
PAWCK8		356.04	8.01	0.55	359.72	12.54	0.84
PH67DE		357.96	9.92	0.68	358.25	11.06	0.75
PKTKY4	X	244.41	-103.62	-7.07	262.03	-85.16	-5.74
PLKJD2		358.26	10.23	0.70	354.38	7.20	0.48
PMHRN7		352.98	4.95	0.34	353.44	6.26	0.42
Q36P38		358.07	10.04	0.69	350.10	2.91	0.20
RK2GGD		324.72	-23.31	-1.59	327.54	-19.64	-1.32
RPXXXD		336.75	-11.28	-0.77	336.84	-10.34	-0.70
T688E8		360.82	12.79	0.87	359.36	12.18	0.82
TVJD3B		364.94	16.91	1.15	353.54	6.36	0.43
TWQUUE		346.12	-1.91	-0.13	345.48	-1.70	-0.11
U26PEJ		363.50	15.46	1.06	365.50	18.31	1.23
U2YFHC		344.52	-3.51	-0.24	343.28	-3.90	-0.26
UMHHFW		318.80	-29.24	-2.00	323.93	-23.25	-1.57
VCER9F		367.70	19.67	1.34	362.31	15.13	1.02
WBJL7U		354.48	6.44	0.44	349.83	2.65	0.18
WFVCXF		358.86	10.83	0.74	366.32	19.14	1.29
XNHUM9		355.72	7.69	0.52	346.60	-0.58	-0.04
XTYWUD		357.02	8.99	0.61	352.62	5.44	0.37
YFAFK8		352.00	3.97	0.27	342.40	-4.78	-0.32
Z3FF7A		354.04	6.01	0.41	350.67	3.48	0.23
Z9JMJQ	*	377.52	29.49	2.01	383.90	36.72	2.47
ZACDUC		350.36	2.33	0.16	351.60	4.42	0.30
ZEMLYM		346.54	-1.49	-0.10	346.60	-0.58	-0.04
ZGZ2Q3		342.03	-6.00	-0.41	338.26	-8.92	-0.60
ZU3PHW		360.86	12.83	0.88	359.84	12.66	0.85
ZWBL98		328.51	-19.53	-1.33	329.52	-17.67	-1.19

Summary Statistics	Sample F11	Sample F12
Grand Means	348.033 ksi	347.184 ksi
Stnd Dev Btwn Labs	14.651 ksi	14.843 ksi

Statistics based on 58 of 65 reporting participants

Sample F11: ABS & Sample F12: ABS

Comments on Assigned Data Flags for Test #708

H62D4P (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

N7UCKA (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F12.

2YC6PZ (X) - Data for both samples are high. Possible Systematic Error.

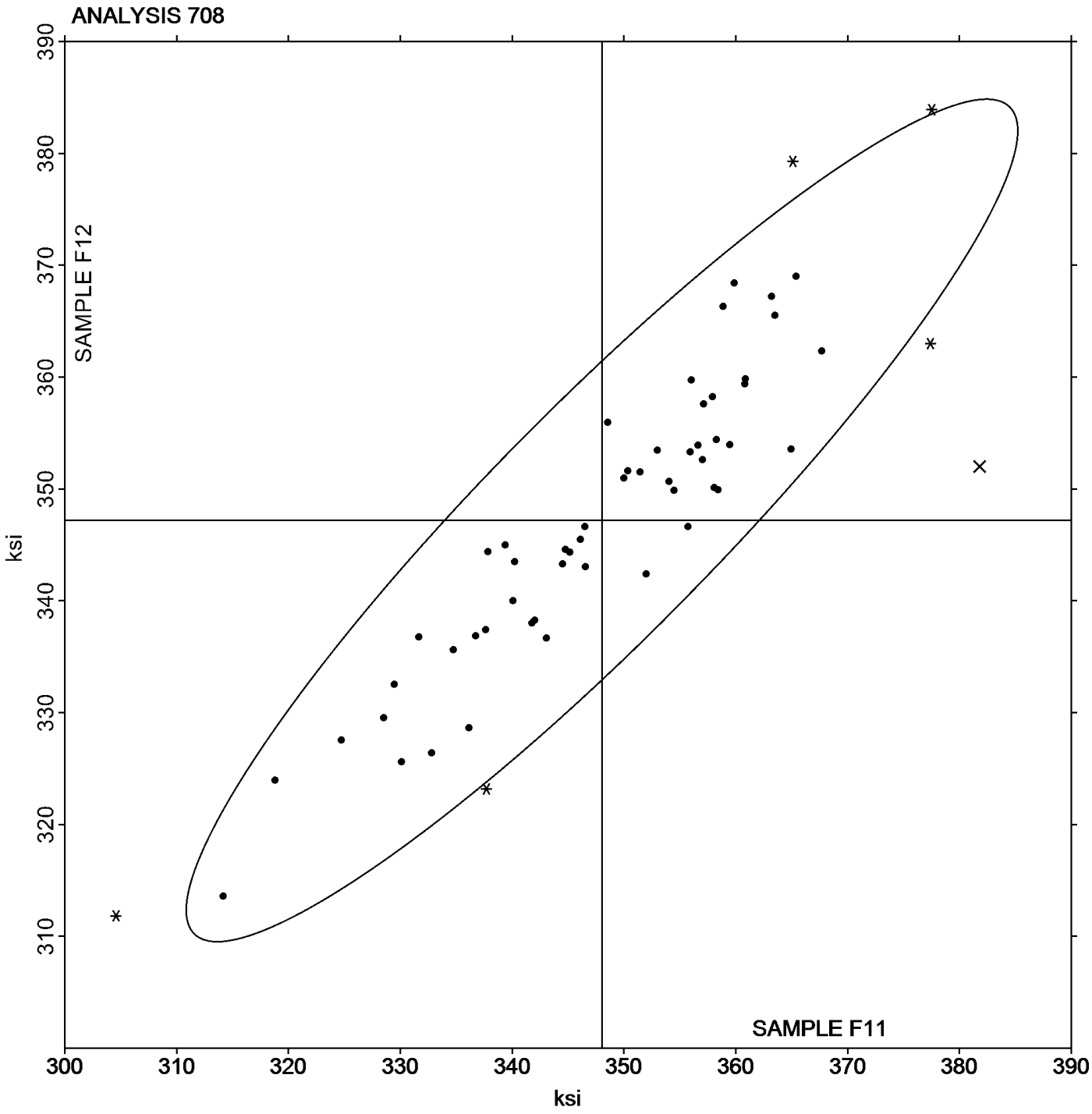
BRK8UA (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

LNKDP3 (X) - Data for both samples are low. Possible Systematic Error.

9G8ARZ (X) - Data for both samples are low. Possible Systematic Error.

PKTKY4 (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample F11: 348.03 ksi Grand Mean Sample F12: 347.18 ksi



WebCode	Data Flag	Sample E11 Lab Mean	Sample E11 Diff from Grand Mean	Sample E11 CPV	Sample E12 Lab Mean	Sample E12 Diff from Grand Mean	Sample E12 CPV	Instr Code
2FXTXA		77.23	-1.72	-1.01	77.23	-1.85	-1.06	TO
3HHYWW		78.53	-0.42	-0.24	79.00	-0.07	-0.04	TO
7L9AH7		78.88	-0.07	-0.04	78.90	-0.17	-0.10	IN
9G8ARZ	M	77.39	-1.56	-0.91	No data reported for this sample			TO
AA4J6N		79.03	0.08	0.05	79.25	0.18	0.10	IN
ALYRQC		79.05	0.10	0.06	79.83	0.76	0.43	ZW
BR3VFB		78.88	-0.07	-0.04	79.15	0.08	0.04	IN
CZR73B		76.90	-2.04	-1.20	77.03	-2.05	-1.17	TO
FFA4VF		78.10	-0.84	-0.49	78.03	-1.05	-0.60	IN
H4T6YB	*	83.78	4.83	2.84	84.28	5.20	2.97	IN
HUHXZM		79.15	0.21	0.12	79.35	0.28	0.16	CF
J487Z4		79.20	0.26	0.15	79.18	0.10	0.06	CE
JR8FEW		79.03	0.08	0.05	78.98	-0.10	-0.06	CE
LNKDP3		81.05	2.11	1.24	80.70	1.63	0.93	AT
NLVQ8Y		78.98	0.03	0.02	79.00	-0.07	-0.04	IN
P4KQAF		78.50	-0.44	-0.26	78.60	-0.47	-0.27	TY
Q36P38		79.18	0.23	0.14	79.08	0.00	0.00	IN
QLJ78K		77.85	-1.09	-0.64	78.45	-0.62	-0.36	IN
RPXXXD		78.35	-0.59	-0.35	78.38	-0.70	-0.40	TY
TVJD3B		78.85	-0.09	-0.05	78.83	-0.25	-0.14	IN
U26PEJ		77.24	-1.70	-1.00	77.36	-1.72	-0.98	TO
UL9BGA		76.00	-2.94	-1.73	76.23	-2.85	-1.63	CE
W2EETF		79.00	0.06	0.03	79.15	0.08	0.04	IN
Z9JMJQ		78.75	-0.19	-0.11	78.70	-0.37	-0.21	IN
ZACDUC		83.33	4.38	2.57	83.63	4.55	2.60	TO
ZGZ2Q3		80.65	1.71	1.00	80.90	1.83	1.04	CE
ZU3PHW		76.95	-1.99	-1.17	77.05	-2.02	-1.16	TO
ZW7K4K		79.04	0.09	0.05	78.77	-0.31	-0.17	IN

Summary Statistics

	Sample E11	Sample E12
Grand Means	78.941 Degrees C	79.073 Degrees C
Stnd Dev Btwn Labs	1.704 Degrees C	1.752 Degrees C

Statistics based on 27 of 28 reporting participants

Sample E11: HIPS & Sample E12: HIPS

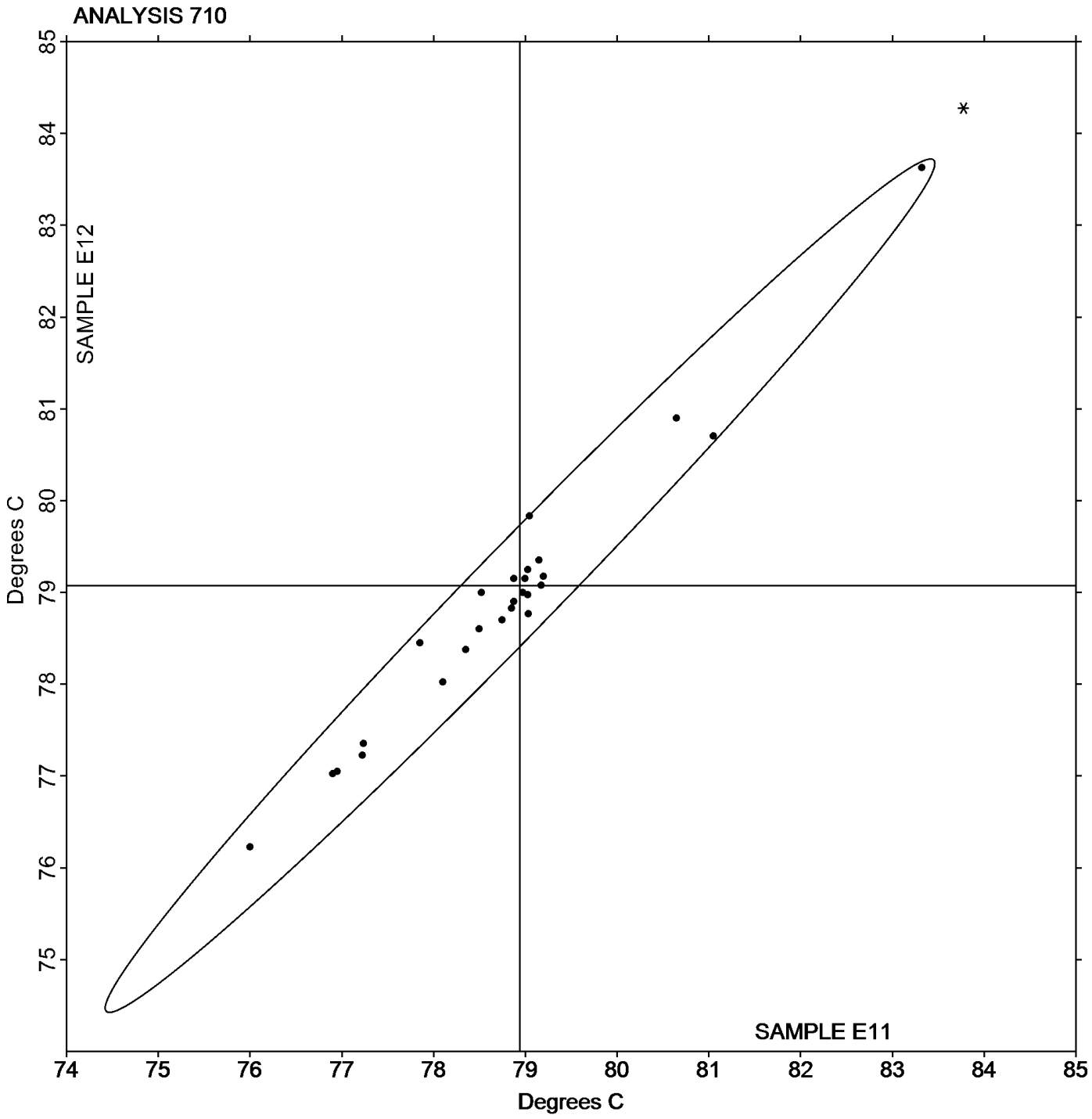
Comments on Assigned Data Flags for Test #710

9G8ARZ (M) - Participant did not submit data for sample E12.

Key to Instrument Codes Reported by Participants

AT	Atlas	CE	Ceast
CF	Coesfeld	IN	Instron
TO	Tinius Olsen	TY	Toyoseiki
ZW	Zwick		

Grand Mean Sample E11: 78.941 Degrees C Grand Mean Sample E12: 79.073 Degrees C



WebCode	Data Flag	Sample G11 Lab Mean	Sample G11 Diff from Grand Mean	Sample G11 CPV	Sample G12 Lab Mean	Sample G12 Diff from Grand Mean	Sample G12 CPV	Instr Code
3HHYWW		99.2	2.7	0.23	98.5	1.2	0.10	TO
6BT337		90.6	-5.9	-0.49	87.8	-9.4	-0.78	IN
9G8ARZ	M	95.4	-1.1	-0.09	No data reported for this sample			XX
ALYRQC	*	93.1	-3.3	-0.28	103.8	6.5	0.54	XX
CZR73B		96.9	0.4	0.03	95.8	-1.4	-0.12	TO
HUHXZM		96.4	-0.1	-0.01	97.4	0.1	0.01	CE
JR8FEW		91.3	-5.2	-0.44	93.7	-3.5	-0.29	CE
Q36P38		94.5	-1.9	-0.16	95.7	-1.6	-0.13	IN
Q3P98D		92.2	-4.3	-0.36	92.4	-4.8	-0.40	XX
UL9BGA		89.3	-7.1	-0.60	93.6	-3.7	-0.31	CE
W2EETF		93.9	-2.6	-0.22	94.5	-2.8	-0.23	IN
W84W9C		88.2	-8.3	-0.70	87.5	-9.7	-0.81	XX
Z9JMJQ		95.2	-1.3	-0.11	95.6	-1.7	-0.14	IN
ZACDUC	*	138.2	41.8	3.51	138.3	41.0	3.41	XX
ZU3PHW		93.5	-2.9	-0.25	91.4	-5.9	-0.49	TO
ZW7K4K		94.5	-2.0	-0.17	93.1	-4.2	-0.35	IN

Summary Statistics

	Sample G11	Sample G12
Grand Means	96.46 Degrees C	97.27 Degrees C
Stnd Dev Btwn Labs	11.92 Degrees C	12.04 Degrees C

Statistics based on 15 of 16 reporting participants

Sample G11: PP & Sample G12: PP

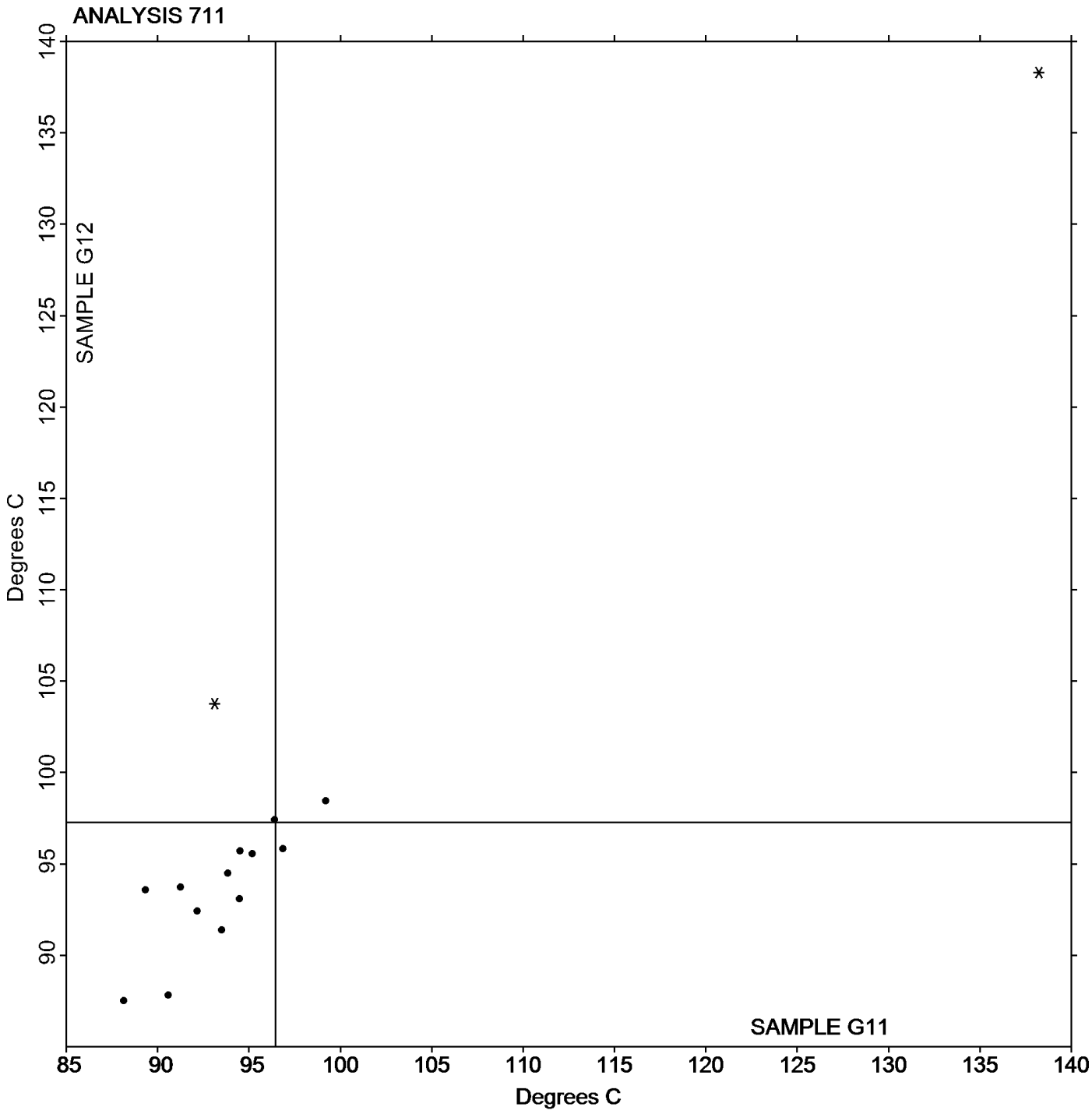
Comments on Assigned Data Flags for Test #711

9G8ARZ (M) - Participant did not submit data for sample G12.

Key to Instrument Codes Reported by Participants

CE	Ceast	IN	Instron
TO	Tinius Olsen	XX	Instrument manufacturer not specified by lab

Grand Mean Sample G11: 96.461 Degrees C Grand Mean Sample G12: 97.268 Degrees C



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 N11 Lab Mean	Sample N11 Diff from Grand Mean	Sample N11 CPV	Sample N12 Lab Mean	Sample N12 Diff from Grand Mean	Sample N12 CPV	Instr Code
3CV8MH		101.98	-2.26	-1.66	103.53	-0.96	-0.68	CF
77D9JE		104.35	0.11	0.08	104.98	0.49	0.35	IN
7JLT6R		105.00	0.76	0.56	104.98	0.49	0.35	CE
7LDRJQ		104.25	0.01	0.01	104.50	0.02	0.01	TO
7RGTJK		104.50	0.26	0.19	104.48	-0.01	-0.01	TY
7RYMFN		102.71	-1.53	-1.12	104.22	-0.27	-0.19	IN
8XYNV9		104.55	0.31	0.23	103.63	-0.86	-0.61	TO
9G8ARZ	*	105.40	1.16	0.85	107.62	3.13	2.23	TO
AA4J6N	*	106.93	2.69	1.98	105.40	0.92	0.65	IN
APWDGE		102.63	-1.61	-1.19	102.95	-1.53	-1.09	CE
BMKZBX		104.00	-0.24	-0.17	104.23	-0.26	-0.18	CE
BR3VFB		104.00	-0.24	-0.17	105.23	0.74	0.53	IN
CVVJ6G		104.05	-0.19	-0.14	103.33	-1.16	-0.83	IN
CZR73B		102.75	-1.49	-1.09	102.25	-2.23	-1.59	XX
FFA4VF		103.78	-0.46	-0.34	104.15	-0.33	-0.24	IN
FV4UCB		103.90	-0.34	-0.25	104.05	-0.43	-0.31	XX
H49GGG		102.00	-2.24	-1.65	102.25	-2.23	-1.59	TO
H4T6YB		104.65	0.41	0.30	106.20	1.72	1.22	IN
HPC8VV		103.90	-0.34	-0.25	104.68	0.19	0.14	CE
HUHXZM		104.05	-0.19	-0.14	104.25	-0.23	-0.17	CF
JR8FEW		104.08	-0.16	-0.12	104.30	-0.18	-0.13	CE
L4WUUJ		104.90	0.66	0.49	105.13	0.64	0.46	IN
LNKDP3		107.48	3.24	2.38	107.50	3.02	2.15	AT
P4KQAF		104.83	0.59	0.43	104.83	0.34	0.24	TY
Q36P38		105.83	1.59	1.17	105.63	1.14	0.81	IN
Q3P98D		105.98	1.74	1.28	105.98	1.49	1.06	XX
RPXXXD		104.78	0.54	0.40	104.90	0.42	0.30	TY
T7GHPH		105.00	0.76	0.56	104.70	0.22	0.15	XX
TUNUZA		106.09	1.85	1.36	106.22	1.74	1.24	ZW
TVJD3B		104.40	0.16	0.12	104.93	0.44	0.31	IN
UL9BGA	*	100.78	-3.46	-2.55	100.15	-4.33	-3.09	CE
UUJUDE		104.03	-0.21	-0.16	105.10	0.62	0.44	ZW
VGDYUC		101.68	-2.56	-1.89	102.35	-2.13	-1.52	RO
W2EETF		104.70	0.46	0.34	104.48	-0.01	-0.01	CE
W84W9C		105.45	1.21	0.89	105.58	1.09	0.78	XX

Plastics Interlaboratory Testing Program

Analysis 712

Temp. of Deflection Under Flexural Load (1.80 MPa) - Degrees C

WebCode	Data Flag	Sample N11 Lab Mean	Sample N11 Diff from Grand Mean	Sample N11 CPV	Sample N12 Lab Mean	Sample N12 Diff from Grand Mean	Sample N12 CPV	Instr Code
X9V8J6		104.65	0.41	0.30	105.23	0.74	0.53	CE
YHD9GQ		103.43	-0.81	-0.60	103.50	-0.98	-0.70	CE
Z9JMJQ		104.38	0.14	0.10	103.53	-0.96	-0.68	IN
ZW7K4K		103.50	-0.74	-0.54	104.03	-0.46	-0.33	IN

Summary Statistics

	Sample N11	Sample N12
Grand Means	104.238 Degrees C	104.484 Degrees C
Stnd Dev Btwn Labs	1.359 Degrees C	1.402 Degrees C

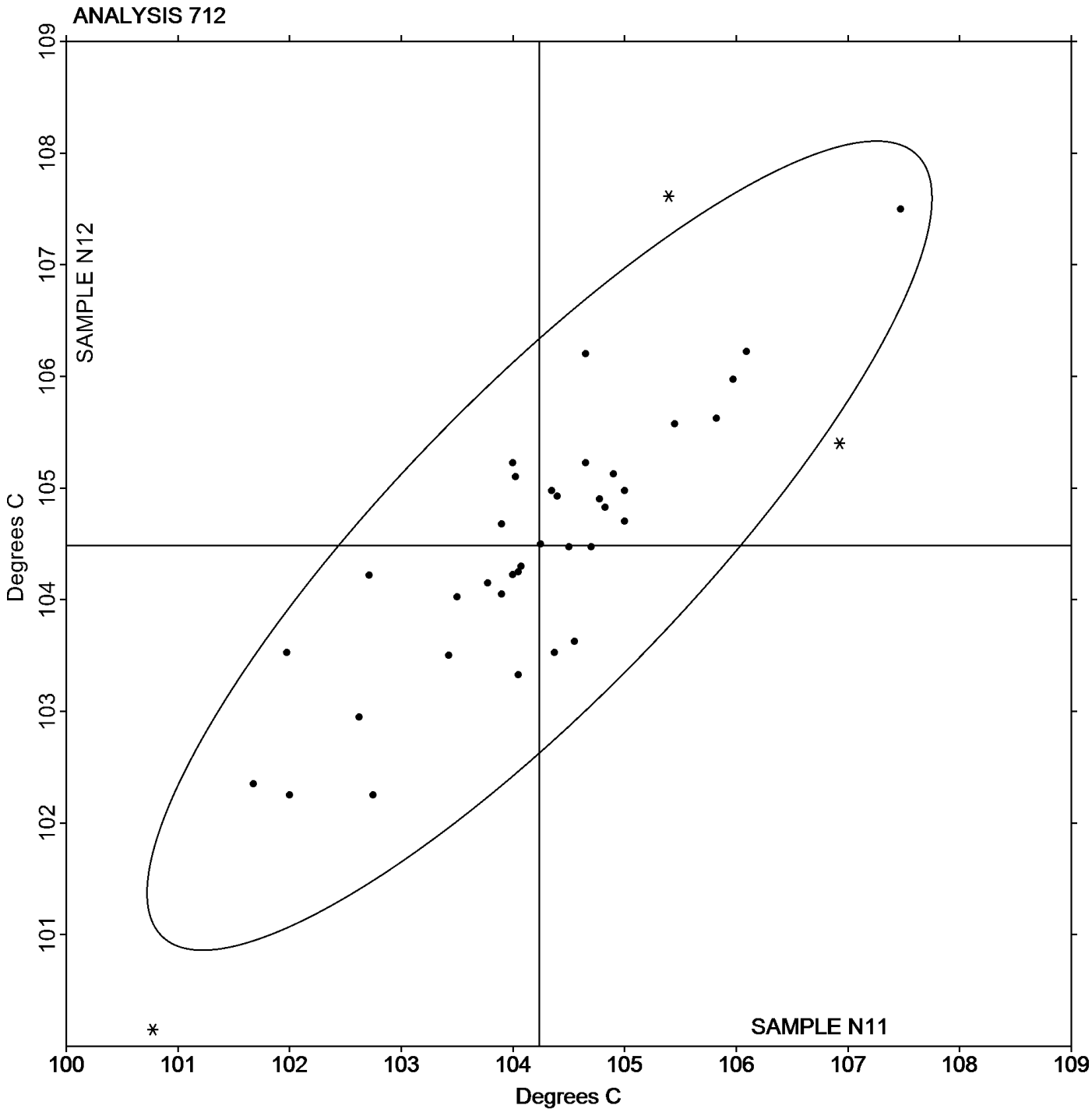
Statistics based on 39 of 39 reporting participants

Sample N11: ABS/PC & Sample N12: ABS/PC

Key to Instrument Codes Reported by Participants

AT	Atlas	CE	Ceast
CF	Coesfeld	IN	Instron
RO	Rosand	TO	Tinius Olsen
TY	Toyoseiki	XX	Instrument manufacturer not specified by lab
ZW	Zwick		

Grand Mean Sample N11: 104.24 Degrees C Grand Mean Sample N12: 104.48 Degrees C



WebCode	Data Flag	Sample H11 Lab Mean	Sample H11 Diff from Grand Mean	Sample H11 CPV	Sample H12 Lab Mean	Sample H12 Diff from Grand Mean	Sample H12 CPV	Instr Code
2FXTXA		95.40	-0.54	-0.61	95.47	-0.51	-0.57	TO
6DYL69	X	107.35	11.41	12.85	107.38	11.41	12.71	TO
7JLT6R		97.30	1.36	1.53	97.45	1.48	1.64	CE
7L9AH7		95.33	-0.61	-0.69	95.37	-0.61	-0.68	TO
9G8ARZ	M	98.14	2.20	2.48	No data reported for this sample			TO
AA4J6N	*	95.90	-0.04	-0.05	95.63	-0.34	-0.38	AT
ALYRQC		96.13	0.19	0.21	96.03	0.06	0.06	WZ
BMKZBX		95.28	-0.66	-0.75	95.22	-0.76	-0.84	CE
BR3VFB		96.07	0.12	0.14	96.10	0.13	0.14	IN
H4T6YB		95.98	0.04	0.04	96.07	0.09	0.10	IN
HUHXZM		96.23	0.29	0.33	96.33	0.36	0.40	CF
JR8FEW		95.92	-0.03	-0.03	95.98	0.01	0.01	CE
KUVARQ		95.87	-0.07	-0.08	95.95	-0.03	-0.03	WZ
LNKDP3		96.30	0.36	0.40	96.33	0.36	0.40	TO
MY2JYB		95.53	-0.41	-0.46	95.52	-0.46	-0.51	CE
P4KQAF		96.23	0.29	0.33	96.33	0.36	0.40	TY
PMHRN7		95.35	-0.59	-0.67	95.37	-0.61	-0.68	CE
Q36P38		96.70	0.76	0.85	96.83	0.86	0.96	CF
TEWVBV		94.87	-1.08	-1.21	94.97	-1.01	-1.12	CE
TVJD3B		95.93	-0.01	-0.01	95.93	-0.04	-0.05	IN
UL9BGA	*	93.53	-2.41	-2.72	93.57	-2.41	-2.68	CE
UUJUDE	*	98.37	2.42	2.73	98.43	2.46	2.74	WZ
WFVCXF		95.08	-0.86	-0.97	95.25	-0.72	-0.81	TO
X4XQ7B		96.47	0.52	0.59	96.53	0.56	0.62	CE
X9V8J6		96.13	0.19	0.21	96.13	0.16	0.18	CF
ZGZ2Q3		96.73	0.79	0.89	96.60	0.63	0.70	CE
ZW7K4K		95.97	0.02	0.02	95.97	-0.01	-0.01	IN
ZYFAR4	X	88.62	-7.33	-8.26	88.55	-7.42	-8.27	IN

Summary Statistics

	Sample H11	Sample H12
Grand Means	95.945 Degrees C	95.975 Degrees C
Stnd Dev Btwn Labs	0.888 Degrees C	0.898 Degrees C

Statistics based on 25 of 28 reporting participants

Sample H11: HIPS & Sample H12: HIPS

Comments on Assigned Data Flags for Test #715

6DYL69 (X) - Data for both samples are high. Possible Systematic Error.

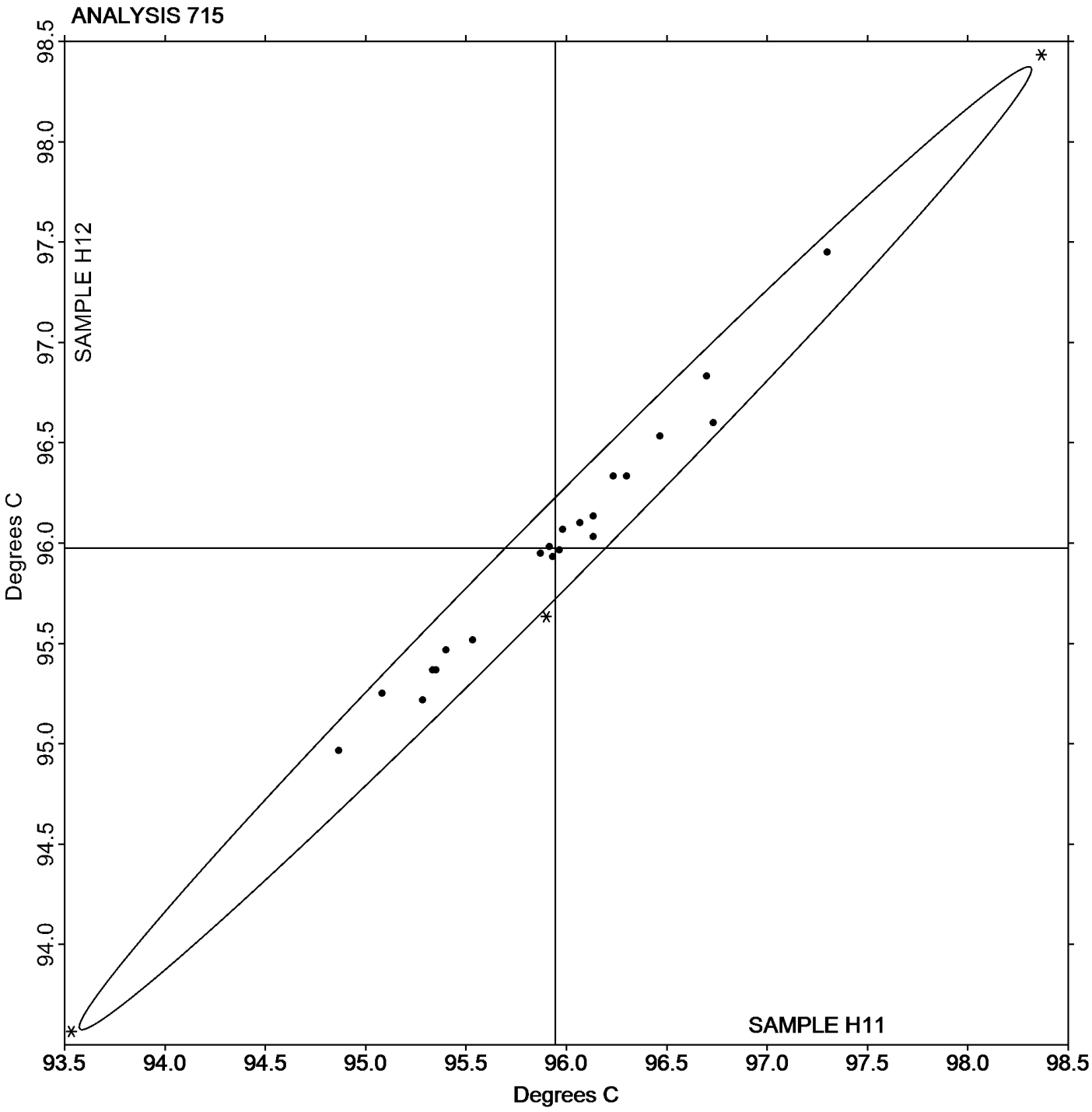
ZYFAR4 (X) - Data for both samples are low. Possible Systematic Error.

9G8ARZ (M) - Participant did not submit data for sample H12.

Key to Instrument Codes Reported by Participants

AT	Atlas	CE	Ceast
CF	Coesfeld	IN	Instron
TO	Tinius Olsen	TY	Toyoseiki
WZ	Zwick		

Grand Mean Sample H11: 95.945 Degrees C Grand Mean Sample H12: 95.975 Degrees C



WebCode	Data Flag	Sample R11 Lab Mean	Sample R11 Diff from Grand Mean	Sample R11 CPV	Sample R12 Lab Mean	Sample R12 Diff from Grand Mean	Sample R12 CPV	Instr Code
2FXTXA		97.42	-0.39	-0.10	97.35	-0.47	-0.12	TO
6DYL69	*	110.48	12.68	3.25	110.53	12.72	3.22	TO
7L9AH7		97.70	-0.11	-0.03	97.50	-0.32	-0.08	TO
9G8ARZ	M	100.02	2.21	0.57	No data reported for this sample			TO
AA4J6N	*	99.05	1.24	0.32	98.30	0.48	0.12	AT
ALYRQC		98.73	0.92	0.24	98.71	0.89	0.23	WZ
BMKZBX		97.20	-0.61	-0.16	97.23	-0.58	-0.15	CE
BR3VFB		98.40	0.59	0.15	98.32	0.50	0.13	IN
H4T6YB		98.45	0.64	0.16	98.40	0.58	0.15	IN
HUHXZM		98.82	1.01	0.26	98.82	1.00	0.25	CF
KUVARQ	M	98.21	0.40	0.10	No data reported for this sample			WZ
LNKDP3		99.13	1.33	0.34	99.43	1.62	0.41	TO
P4KQAF		97.85	0.04	0.01	97.95	0.13	0.03	TY
PMHRN7		97.35	-0.46	-0.12	97.70	-0.12	-0.03	CE
Q36P38		98.45	0.64	0.16	98.48	0.67	0.17	CF
TEWVBV		96.77	-1.04	-0.27	96.82	-1.00	-0.25	CE
TVJD3B		98.22	0.41	0.10	98.32	0.50	0.13	IN
UL9BGA		87.85	-9.96	-2.55	87.70	-10.12	-2.56	CE
WFVCXF		97.35	-0.46	-0.12	97.63	-0.18	-0.05	TO
X4XQ7B		96.47	-1.34	-0.34	96.43	-1.38	-0.35	CE
X9V8J6		97.87	0.06	0.02	97.73	-0.08	-0.02	CF
ZGZ2Q3		99.17	1.36	0.35	99.65	1.83	0.46	CE
ZW7K4K		98.15	0.34	0.09	98.23	0.42	0.11	IN
ZYFAR4		90.90	-6.91	-1.77	90.75	-7.07	-1.79	IN

Summary Statistics

	Sample R11	Sample R12
Grand Means	97.807 Degrees C	97.818 Degrees C
Stnd Dev Btwn Labs	3.903 Degrees C	3.947 Degrees C

Statistics based on 22 of 24 reporting participants

Sample R11: HIPS & Sample R12: HIPS

Comments on Assigned Data Flags for Test #716

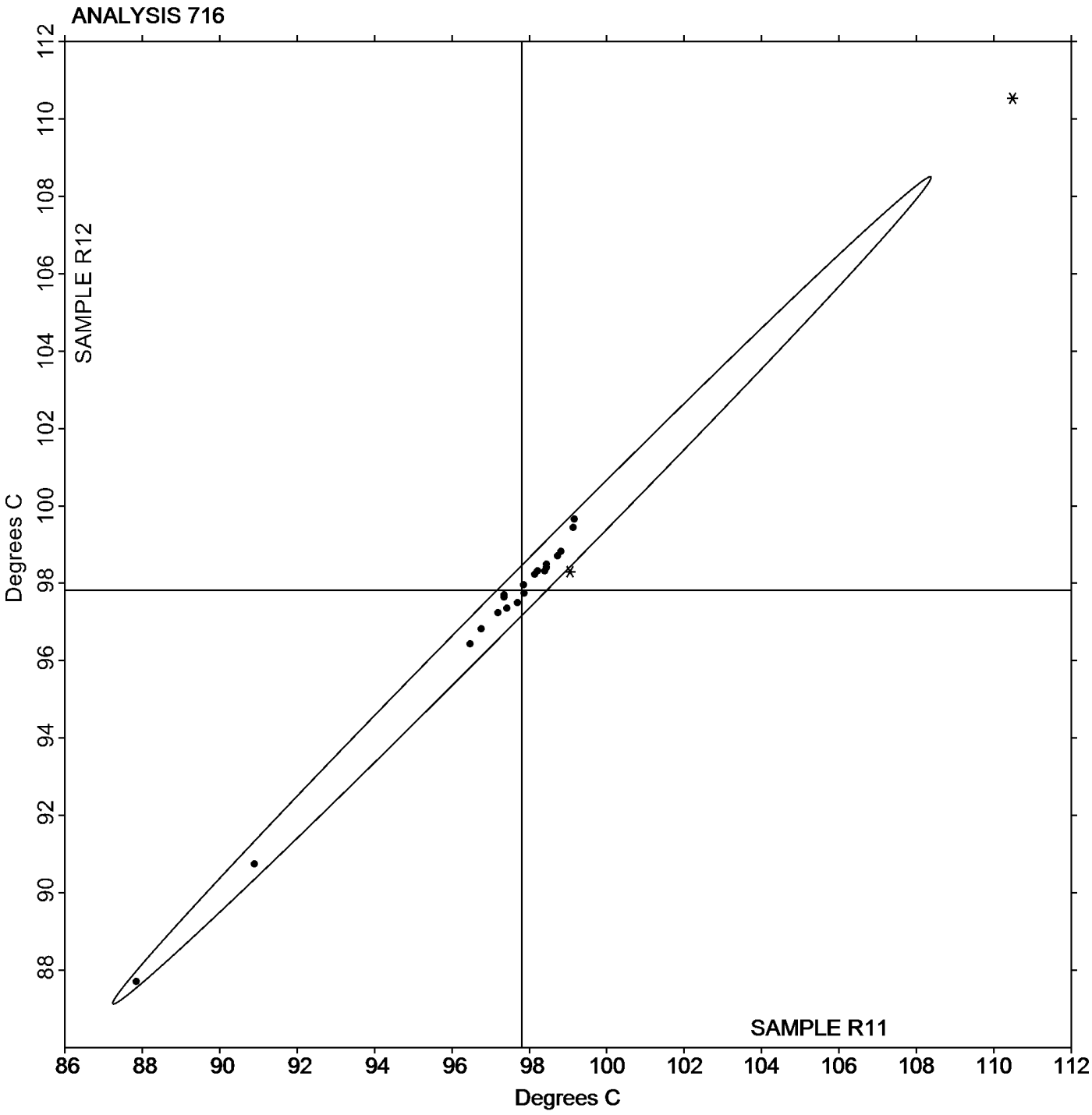
KUVARQ (M) - Participant did not submit data for sample R12.

9G8ARZ (M) - Participant did not submit data for sample R12.

Key to Instrument Codes Reported by Participants

AT	Atlas	CE	Ceast
CF	Coesfeld	IN	Instron
TO	Tinius Olsen	TY	Toyoseiki
WZ	Zwick		

Grand Mean Sample R11: 97.807 Degrees C Grand Mean Sample R12: 97.818 Degrees C



WebCode	Data Flag	Sample T11 Lab Mean	Sample T11 Diff from Grand Mean	Sample T11 CPV	Sample T12 Lab Mean	Sample T12 Diff from Grand Mean	Sample T12 CPV
244EU7		1.04133	-0.00124	-0.61	1.04093	-0.00169	-0.88
32X9XX		1.04300	0.00042	0.21	1.04300	0.00037	0.19
3CV8MH		1.04100	-0.00158	-0.78	1.04097	-0.00166	-0.86
3HHYWW		1.04480	0.00222	1.10	1.04460	0.00197	1.03
6TWVQT		1.04323	0.00066	0.32	1.04333	0.00071	0.37
77D9JE		1.04453	0.00196	0.96	1.04470	0.00207	1.08
7JLT6R		1.04597	0.00339	1.67	1.04467	0.00204	1.06
7LDRJQ	*	1.03767	-0.00491	-2.42	1.03867	-0.00396	-2.06
7M3ZMZ	X	1.03727	-0.00531	-2.62	1.03950	-0.00313	-1.62
7Q44EM		1.03900	-0.00358	-1.76	1.03900	-0.00363	-1.88
7Q7UMQ		1.04203	-0.00054	-0.27	1.04130	-0.00133	-0.69
7RGTJK		1.04333	0.00076	0.37	1.04400	0.00137	0.71
8ZMVHQ		1.04067	-0.00191	-0.94	1.04100	-0.00163	-0.84
9G8ARZ		1.03867	-0.00391	-1.93	1.03967	-0.00296	-1.54
A4CGXH	*	1.03933	-0.00324	-1.60	1.03833	-0.00429	-2.23
AA4J6N		1.04390	0.00132	0.65	1.04440	0.00177	0.92
ADLQMW		1.04197	-0.00061	-0.30	1.04193	-0.00069	-0.36
ALYRQC		1.04350	0.00092	0.45	1.04320	0.00057	0.30
APWDGE		1.03927	-0.00331	-1.63	1.04003	-0.00259	-1.35
AV7GLV		1.04217	-0.00041	-0.20	1.04297	0.00034	0.18
AX8DCQ	X	1.03947	-0.00311	-1.53	1.04290	0.00027	0.14
BAYJKE		1.04433	0.00176	0.87	1.04500	0.00237	1.23
BMKZBX		1.04193	-0.00064	-0.32	1.04193	-0.00069	-0.36
BR3VFB		1.04293	0.00036	0.18	1.04293	0.00031	0.16
CC3GTL		1.04357	0.00099	0.49	1.04303	0.00041	0.21
CGB4ZW		1.03933	-0.00324	-1.60	1.03900	-0.00363	-1.88
CHA699		1.04510	0.00252	1.24	1.04450	0.00187	0.97
CVVJ6G		1.03973	-0.00284	-1.40	1.04000	-0.00263	-1.36
FFA4VF	X	1.04483	0.00226	1.11	1.04193	-0.00069	-0.36
FH26YJ		1.04517	0.00259	1.28	1.04443	0.00181	0.94
FK7RCM		1.04350	0.00092	0.45	1.04363	0.00101	0.52
FV4UCB		1.04330	0.00072	0.36	1.04247	-0.00016	-0.08
GB8Q7U	X	1.04000	-0.00258	-1.27	1.05000	0.00737	3.83
GDFWPA		1.04313	0.00056	0.27	1.04257	-0.00006	-0.03
GTCWYX		1.04100	-0.00158	-0.78	1.04100	-0.00163	-0.84

WebCode	Data Flag	Sample T11 Lab Mean	Sample T11 Diff from Grand Mean	Sample T11 CPV	Sample T12 Lab Mean	Sample T12 Diff from Grand Mean	Sample T12 CPV
H3DXEF		1.04443	0.00186	0.92	1.04457	0.00194	1.01
H4T6YB	X	1.03290	-0.00968	-4.77	1.03430	-0.00833	-4.32
HPC8VV		1.04200	-0.00058	-0.28	1.04167	-0.00096	-0.50
HUHXZM	X	1.04300	0.00042	0.21	1.04100	-0.00163	-0.84
J487Z4		1.04437	0.00179	0.88	1.04537	0.00274	1.42
JR8FEW		1.04073	-0.00184	-0.91	1.04190	-0.00073	-0.38
K43UD8		1.03800	-0.00458	-2.26	1.03900	-0.00363	-1.88
L2BANE		1.04370	0.00112	0.55	1.04397	0.00134	0.70
L4WUUJ		1.04630	0.00372	1.84	1.04660	0.00397	2.06
LNKDP3		1.04300	0.00042	0.21	1.04267	0.00004	0.02
MRZ83E		1.04233	-0.00024	-0.12	1.04167	-0.00096	-0.50
N7UCKA		1.04450	0.00192	0.95	1.04450	0.00187	0.97
NGCV3L		1.04300	0.00042	0.21	1.04200	-0.00063	-0.32
NLVQ8Y	X	1.04093	-0.00164	-0.81	1.03887	-0.00376	-1.95
P2E4UP		1.04457	0.00199	0.98	1.04497	0.00234	1.22
P4KQAF		1.04267	0.00009	0.04	1.04400	0.00137	0.71
PMHRN7		1.04393	0.00136	0.67	1.04343	0.00081	0.42
Q36P38		1.04410	0.00152	0.75	1.04410	0.00147	0.77
Q3P98D		1.04300	0.00042	0.21	1.04300	0.00037	0.19
QLJ78K		1.04443	0.00186	0.92	1.04470	0.00207	1.08
QPHJNH		1.04600	0.00342	1.69	1.04600	0.00337	1.75
R3MZEK		1.04460	0.00202	1.00	1.04457	0.00194	1.01
R3ZR6G		1.04400	0.00142	0.70	1.04400	0.00137	0.71
T688E8		1.04510	0.00252	1.24	1.04510	0.00247	1.28
T7GHPH		1.04117	-0.00141	-0.70	1.04097	-0.00166	-0.86
TFRHNY		1.04183	-0.00074	-0.37	1.04183	-0.00079	-0.41
TKY2QX		1.04208	-0.00050	-0.25	1.04257	-0.00006	-0.03
TNWP3Y		1.04343	0.00086	0.42	1.04387	0.00124	0.64
TRGC2E		1.04497	0.00239	1.18	1.04497	0.00234	1.22
TUNUZA		1.04370	0.00112	0.55	1.04367	0.00104	0.54
U26PEJ		1.04267	0.00009	0.04	1.04167	-0.00096	-0.50
UL9BGA	X	1.04197	-0.00061	-0.30	1.03943	-0.00319	-1.66
UUJUDE	*	1.03993	-0.00264	-1.30	1.04160	-0.00103	-0.53
W2EETF		1.04133	-0.00124	-0.61	1.04200	-0.00063	-0.32
W84W9C		1.03867	-0.00391	-1.93	1.03900	-0.00363	-1.88

WebCode	Data Flag	Sample T11 Lab Mean	Sample T11 Diff from Grand Mean	Sample T11 CPV	Sample T12 Lab Mean	Sample T12 Diff from Grand Mean	Sample T12 CPV
WBJL7U		1.04300	0.00042	0.21	1.04300	0.00037	0.19
WFVCXF		1.04473	0.00216	1.06	1.04483	0.00221	1.15
XNHUM9		1.04200	-0.00058	-0.28	1.04200	-0.00063	-0.32
XPX78Y		1.04300	0.00042	0.21	1.04333	0.00071	0.37
Y6Q7UR		1.04297	0.00039	0.19	1.04160	-0.00103	-0.53
YBGDJR		1.04000	-0.00258	-1.27	1.04000	-0.00263	-1.36
YHD9GQ		1.04093	-0.00164	-0.81	1.04103	-0.00159	-0.83
ZACDUC		1.04423	0.00166	0.82	1.04410	0.00147	0.77
ZGZ2Q3		1.04267	0.00009	0.04	1.04367	0.00104	0.54
ZTUEQY		1.04300	0.00042	0.21	1.04200	-0.00063	-0.32
ZU3PHW		1.03870	-0.00388	-1.91	1.03970	-0.00293	-1.52
ZW7K4K		1.04253	-0.00004	-0.02	1.04190	-0.00073	-0.38

Summary Statistics

	Sample T11	Sample T12
Grand Means	1.042577 sp gr 23/23 C	1.042625 sp gr 23/23 C
Stnd Dev Btwn Labs	0.002028 sp gr 23/23 C	0.001926 sp gr 23/23 C

Statistics based on 74 of 82 reporting participants

Sample T11: ABS & Sample T12: ABS

Comments on Assigned Data Flags for Test #718

FFA4VF (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

AX8DCQ (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample T12.

UL9BGA (X) - Inconsistent in testing between samples.

HUHXZM (X) - Inconsistent in testing between samples.

NLVQ8Y (X) - Inconsistent in testing between samples.

7M3ZMZ (X) - Inconsistent in testing between samples.

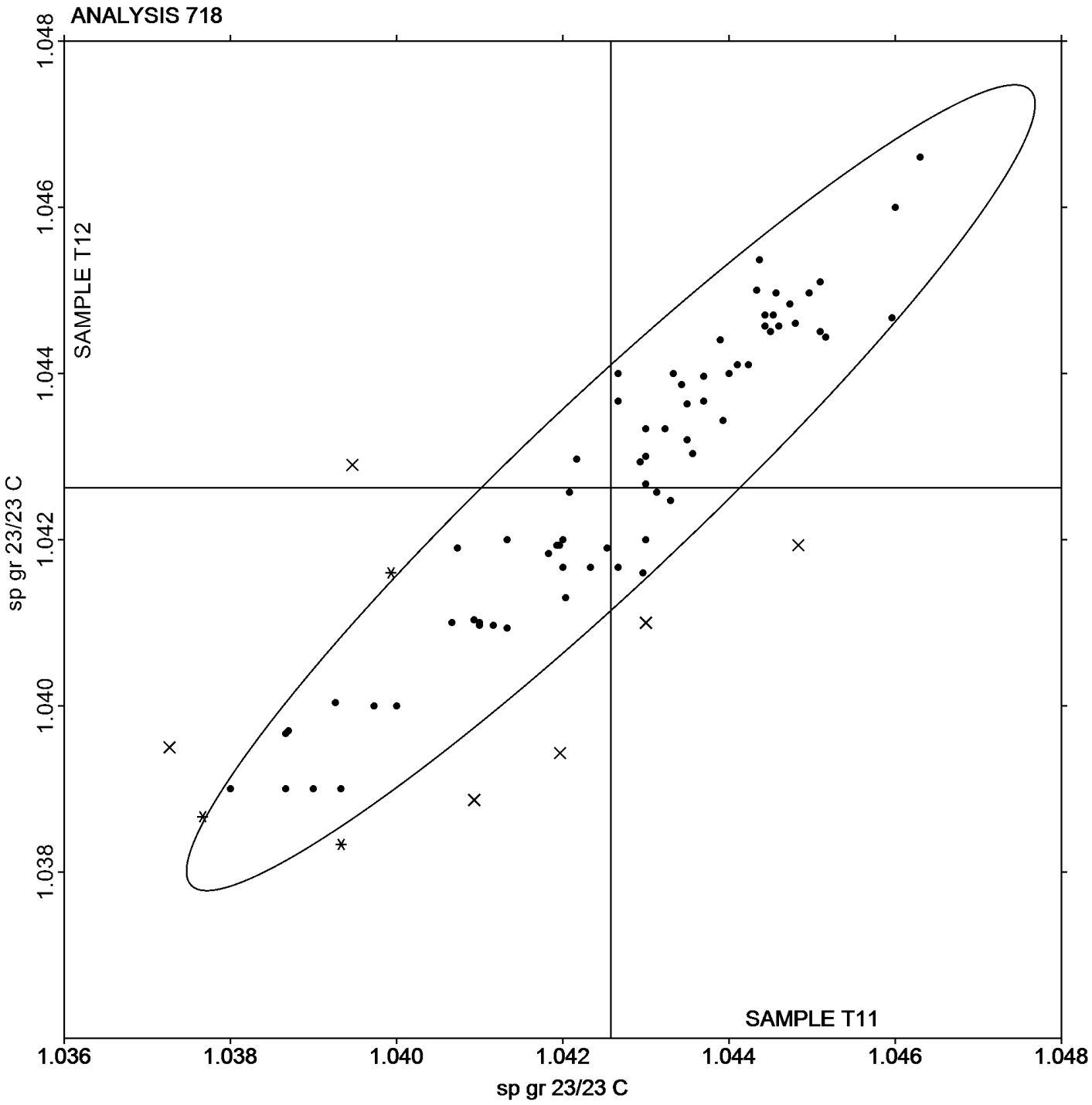
GB8Q7U (X) - Data for sample T12 are high.

H4T6YB (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample T12.

Results by Methodology (as reported by laboratory)

	Sample T11 *ABS*			Sample T12 *ABS*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
ASTM D792 Method A (water)	1.043081	0.001857	0.001	1.043043	0.001859	0.000	49/57
ASTM D792 Method B (not water)	1.041483	0.001726	-0.001	1.041483	0.001726	-0.001	4/4
ASTM D1505	1.040733	0.000000	-0.002	1.041900	0.000000	-0.001	1/1
ISO 1183	1.041351	0.002205	-0.001	1.041627	0.001978	-0.001	17/17

Grand Mean Sample T11: 1.0426 sp gr 23/23 C Grand Mean Sample T12: 1.0426 sp gr 23/23 C



WebCode	Data Flag	Sample J11 Lab Mean	Sample J11 Diff from Grand Mean	Sample J11 CPV	Sample J12 Lab Mean	Sample J12 Diff from Grand Mean	Sample J12 CPV
244EU7		362.6	12.6	0.56	363.2	13.4	0.60
2FXTXA		352.2	2.2	0.10	352.3	2.4	0.11
2PN9QK		348.4	-1.6	-0.07	343.2	-6.6	-0.30
3HHYWW		374.4	24.4	1.09	373.5	23.7	1.06
46C4DU		354.8	4.8	0.22	353.0	3.1	0.14
6JN2XL		350.8	0.8	0.04	350.6	0.8	0.04
7YGDLF		373.1	23.1	1.03	373.8	23.9	1.07
93PFHV		374.2	24.2	1.08	375.4	25.6	1.14
9G8ARZ	*	285.6	-64.4	-2.88	286.6	-63.2	-2.82
A8CRTH		358.9	8.9	0.40	360.2	10.3	0.46
AA4J6N		332.6	-17.4	-0.78	336.2	-13.6	-0.61
ALYRQC	X	244.8	-105.2	-4.70	277.9	-71.9	-3.21
AX8DCQ		324.8	-25.2	-1.13	321.9	-27.9	-1.24
BAYJKE		326.4	-23.6	-1.05	324.2	-25.6	-1.14
BR3VFB		347.6	-2.4	-0.11	343.0	-6.9	-0.31
CZR73B		360.9	10.9	0.49	360.0	10.1	0.45
FFA4VF		353.1	3.1	0.14	349.0	-0.8	-0.04
H4T6YB		334.5	-15.5	-0.69	333.5	-16.4	-0.73
H62D4P	M	347.1	-2.9	-0.13	No data reported for this sample		
J487Z4		329.6	-20.4	-0.91	332.3	-17.6	-0.78
J6FYDQ		322.9	-27.1	-1.21	318.9	-30.9	-1.38
JR8FEW		356.6	6.7	0.30	354.3	4.5	0.20
KKRWY4		319.0	-31.0	-1.38	319.3	-30.5	-1.36
KLYC6N		305.5	-44.5	-1.99	306.3	-43.5	-1.94
LFQFUM		356.8	6.8	0.30	357.6	7.8	0.35
LNKDP3		372.6	22.6	1.01	371.6	21.8	0.97
N3FJUG		334.5	-15.5	-0.69	335.0	-14.9	-0.66
NLVQ8Y		330.0	-20.0	-0.90	329.4	-20.4	-0.91
NQMXNL		356.8	6.8	0.30	362.6	12.8	0.57
P4KQAF		335.0	-15.0	-0.67	336.5	-13.4	-0.60
PB4YRK	X	354.4	4.4	0.20	343.2	-6.7	-0.30
PH67DE		361.4	11.4	0.51	362.0	12.2	0.54
PKTKY4		352.2	2.2	0.10	349.3	-0.6	-0.02
PLKJD2	*	319.2	-30.8	-1.38	325.7	-24.1	-1.08
PMHRN7		364.4	14.4	0.64	361.8	11.9	0.53

WebCode	Data Flag	Sample J11 Lab Mean	Sample J11 Diff from Grand Mean	Sample J11 CPV	Sample J12 Lab Mean	Sample J12 Diff from Grand Mean	Sample J12 CPV
Q36P38		360.6	10.6	0.48	361.8	12.0	0.53
Q3P98D		377.7	27.7	1.24	374.8	24.9	1.11
QLJ78K		358.3	8.3	0.37	357.7	7.8	0.35
T688E8		336.2	-13.8	-0.62	335.4	-14.4	-0.64
TWQUUE		381.6	31.6	1.41	383.2	33.3	1.49
U26PEJ		369.7	19.7	0.88	372.1	22.3	0.99
U2YFHC		356.8	6.8	0.30	363.2	13.4	0.60
UL9BGA		392.0	42.0	1.88	392.5	42.7	1.90
W2EETF	X	244.4	-105.6	-4.72	242.8	-107.1	-4.77
W84W9C		361.1	11.2	0.50	359.1	9.3	0.41
WBKGVR		369.5	19.5	0.87	375.5	25.7	1.15
XNHUM9		367.4	17.4	0.78	367.2	17.3	0.77
Z9JMJQ		333.1	-16.9	-0.75	333.2	-16.6	-0.74
ZACDUC		380.7	30.7	1.37	375.6	25.7	1.15
ZGZ2Q3		298.2	-51.8	-2.32	297.0	-52.8	-2.35
ZTUEQY		351.4	1.4	0.06	352.7	2.9	0.13
ZU3PHW		349.3	-0.7	-0.03	347.7	-2.2	-0.10
ZW7K4K		373.7	23.7	1.06	373.2	23.4	1.04
ZWBL98		350.8	0.8	0.04	348.0	-1.8	-0.08

Summary Statistics

	Sample J11	Sample J12
Grand Means	349.99 ksi	349.84 ksi
Stnd Dev Btwn Labs	22.37 ksi	22.43 ksi

Statistics based on 50 of 54 reporting participants

Sample J11: ABS & Sample J12: ABS

Comments on Assigned Data Flags for Test #720

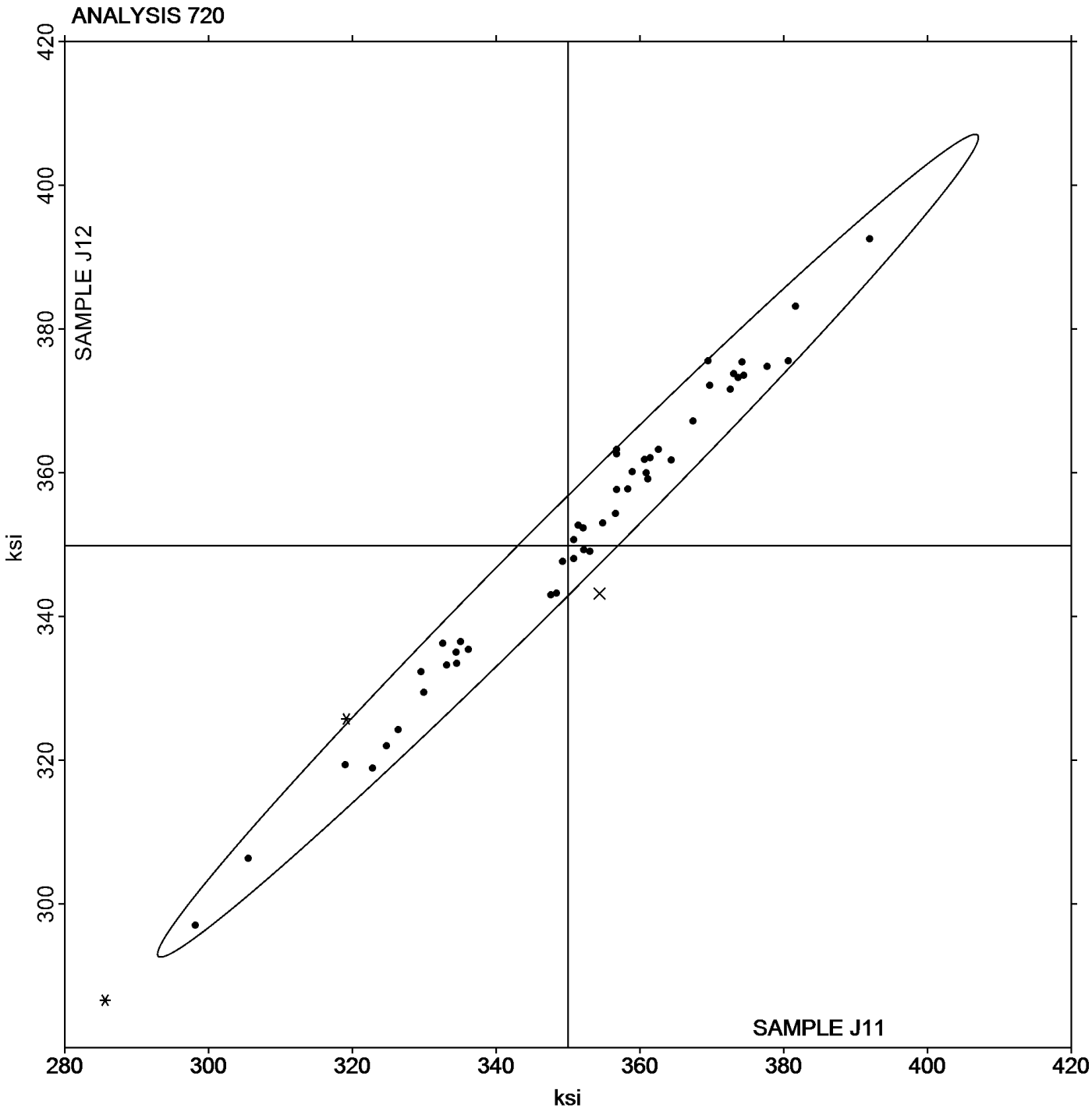
H62D4P (M) - Participant did not submit data for sample J12.

W2EETF (X) - Data for both samples are low. Possible Systematic Error.

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

PB4YRK (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample J12.

Grand Mean Sample J11: 349.99 ksi Grand Mean Sample J12: 349.84 ksi



WebCode	Data Flag	Sample J11 Lab Mean	Sample J11 Diff from Grand Mean	Sample J11 CPV	Sample J12 Lab Mean	Sample J12 Diff from Grand Mean	Sample J12 CPV
244EU7		10,440	447	0.97	10,500	505	1.12
2FXTXA		10,240	246	0.54	10,298	303	0.67
2PN9QK		10,320	327	0.71	10,012	17	0.04
3HHYWW		10,650	657	1.43	10,619	624	1.38
46C4DU		9,991	-2	0.00	10,077	82	0.18
6JN2XL		10,670	676	1.47	10,671	676	1.49
93PFHV		9,800	-193	-0.42	9,696	-299	-0.66
9G8ARZ		9,920	-73	-0.16	9,970	-25	-0.06
A8CRTH		10,235	242	0.53	10,224	229	0.51
AA4J6N		10,238	245	0.53	10,300	305	0.67
ALYRQC	*	9,401	-592	-1.29	9,831	-164	-0.36
AX8DCQ		9,936	-57	-0.12	9,674	-321	-0.71
BAYJKE		9,424	-569	-1.24	9,524	-471	-1.04
BR3VFB		10,059	66	0.14	10,031	36	0.08
CZR73B		11,000	1,007	2.19	11,000	1,005	2.22
FFA4VF		9,345	-648	-1.41	9,363	-632	-1.40
H4T6YB		9,523	-470	-1.02	9,498	-497	-1.10
H62D4P	M	9,235	-759	-1.65	No data reported for this sample		
J487Z4		9,694	-299	-0.65	9,735	-260	-0.57
J6FYDQ		9,494	-499	-1.09	9,438	-557	-1.23
KKRWY4		9,534	-459	-1.00	9,648	-347	-0.77
KLYC6N		9,135	-859	-1.87	9,117	-878	-1.94
LFQFUM		10,222	228	0.50	10,324	329	0.73
LNKDP3		10,577	584	1.27	10,744	749	1.65
N3FJUG		9,700	-293	-0.64	9,657	-338	-0.75
NLVQ8Y		9,763	-230	-0.50	9,854	-141	-0.31
NQMXNL	*	9,172	-821	-1.79	9,546	-449	-0.99
P4KQAF		9,828	-165	-0.36	9,752	-243	-0.54
PB4YRK		9,778	-216	-0.47	9,705	-290	-0.64
PH67DE		10,573	580	1.26	10,388	393	0.87
PKTKY4		9,884	-110	-0.24	10,039	44	0.10
PLKJD2		9,522	-471	-1.03	9,675	-320	-0.71
PMHRN7		9,997	4	0.01	9,967	-28	-0.06
Q36P38		10,260	267	0.58	10,090	95	0.21
QLJ78K		9,969	-24	-0.05	9,960	-35	-0.08

WebCode	Data Flag	Sample J11 Lab Mean	Sample J11 Diff from Grand Mean	Sample J11 CPV	Sample J12 Lab Mean	Sample J12 Diff from Grand Mean	Sample J12 CPV
T688E8		9,674	-319	-0.70	9,684	-311	-0.69
TWQUUE		10,370	376	0.82	10,119	124	0.27
U26PEJ		10,107	114	0.25	10,146	151	0.33
U2YFHC		11,112	1,119	2.44	11,134	1,139	2.52
UL9BGA		10,716	722	1.57	10,727	732	1.62
WBKGVR		10,423	430	0.94	10,481	486	1.07
XNHUM9		9,901	-92	-0.20	9,946	-49	-0.11
XTYWUD		10,172	179	0.39	10,196	201	0.44
Z9JMJQ		10,134	141	0.31	10,140	145	0.32
ZACDUC	*	9,218	-775	-1.69	8,909	-1,086	-2.40
ZDDGLY		9,869	-124	-0.27	9,794	-201	-0.44
ZGZ2Q3		9,698	-295	-0.64	9,726	-269	-0.59
ZU3PHW		9,646	-347	-0.76	9,645	-350	-0.77
ZW7K4K		10,152	159	0.35	10,083	88	0.19
ZWBL98		10,183	190	0.41	10,101	106	0.23

Summary Statistics

	Sample J11	Sample J12
Grand Means	9,993.3 psi	9,995.0 psi
Stnd Dev Btwn Labs	459.2 psi	452.6 psi

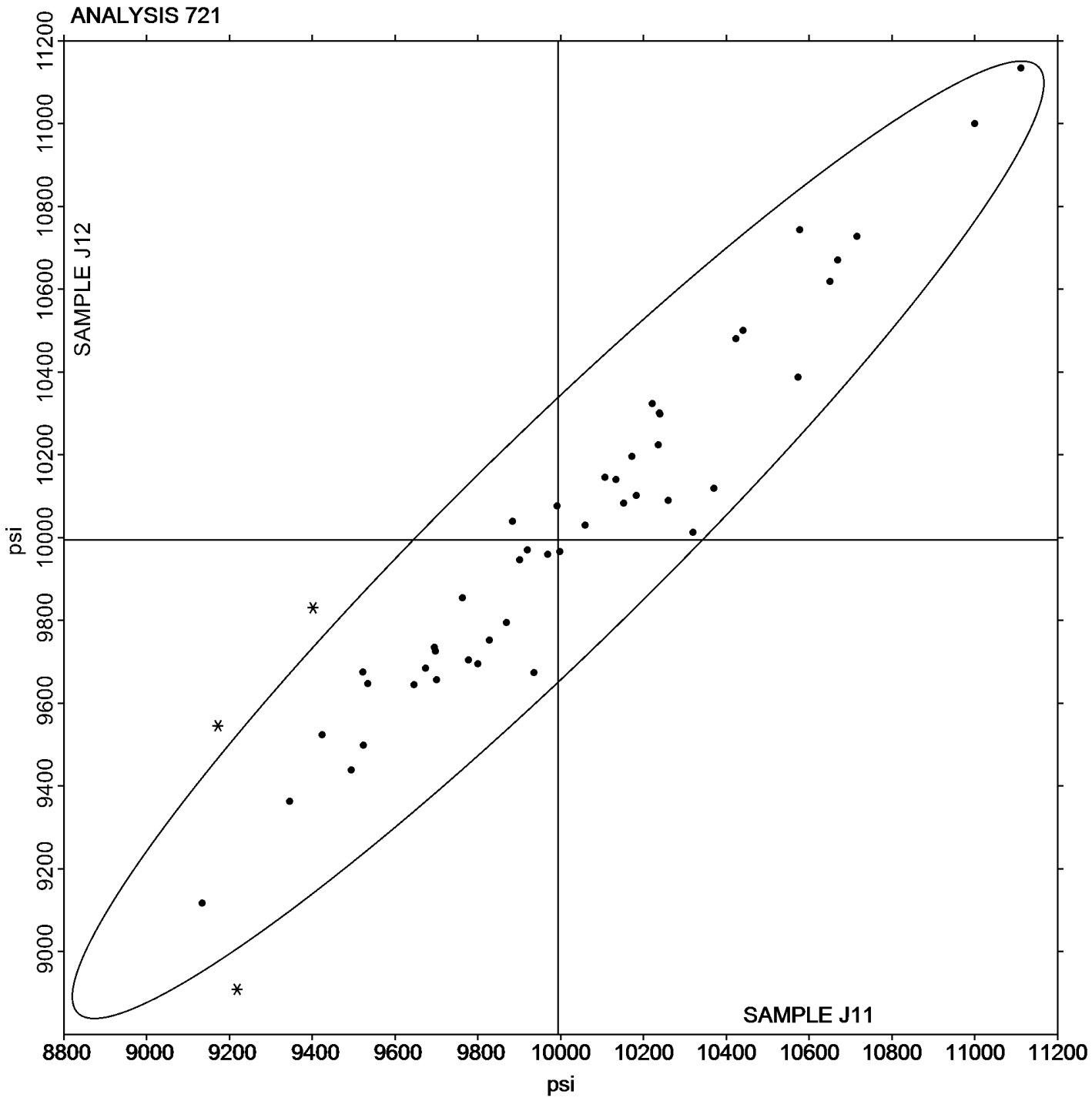
Statistics based on 49 of 50 reporting participants

Sample J11: ABS & Sample J12: ABS

Comments on Assigned Data Flags for Test #721

H62D4P (M) - Participant did not submit data for sample J12.

Grand Mean Sample J11: 9,993.30 psi Grand Mean Sample J12: 9,994.99 psi



WebCode	Data Flag	Sample J11 Lab Mean	Sample J11 Diff from Grand Mean	Sample J11 CPV	Sample J12 Lab Mean	Sample J12 Diff from Grand Mean	Sample J12 CPV
244EU7		10,440	434	0.84	10,500	495	1.02
2FXTXA		10,269	263	0.51	10,298	293	0.61
2PN9QK		10,360	354	0.69	10,102	97	0.20
3HHYWW		10,762	756	1.47	10,738	732	1.51
46C4DU		9,995	-11	-0.02	10,086	81	0.17
6JN2XL		10,691	686	1.33	10,691	686	1.42
7YGDLF		10,854	848	1.65	10,826	821	1.70
93PFHV		10,328	323	0.63	10,204	199	0.41
9G8ARZ		9,720	-286	-0.56	9,970	-35	-0.07
A8CRTH		10,132	126	0.25	10,111	105	0.22
AA4J6N		10,253	248	0.48	10,312	307	0.63
ALYRQC	*	9,416	-590	-1.15	9,845	-160	-0.33
AX8DCQ		9,993	-12	-0.02	9,725	-280	-0.58
BAYJKE		9,440	-566	-1.10	9,550	-455	-0.94
BR3VFB		10,061	56	0.11	10,034	28	0.06
CZR73B		11,023	1,017	1.98	11,040	1,035	2.14
FFA4VF		9,410	-596	-1.16	9,420	-586	-1.21
H4T6YB		9,546	-460	-0.89	9,514	-492	-1.02
H62D4P	M	9,271	-735	-1.43	No data reported for this sample		
J487Z4		9,712	-294	-0.57	9,773	-232	-0.48
J6FYDQ		9,550	-456	-0.89	9,495	-510	-1.05
KKRWY4		9,561	-445	-0.86	9,696	-310	-0.64
KLYC6N		9,033	-973	-1.89	9,091	-914	-1.89
N3FJUG		9,698	-308	-0.60	9,652	-354	-0.73
NQMXNL	*	9,190	-816	-1.58	9,576	-429	-0.89
P4KQAF		9,848	-158	-0.31	9,776	-230	-0.47
PB4YRK		9,821	-184	-0.36	9,760	-245	-0.51
PH67DE		10,579	573	1.11	10,393	388	0.80
PKTKY4		9,149	-857	-1.67	9,244	-761	-1.57
PLKJD2		9,561	-444	-0.86	9,717	-288	-0.60
PMHRN7		10,017	11	0.02	9,988	-17	-0.04
Q36P38		10,265	259	0.50	10,101	95	0.20
QLJ78K		9,961	-45	-0.09	9,934	-72	-0.15
TWQUUE		10,396	390	0.76	10,133	128	0.26
U26PEJ		10,174	168	0.33	10,192	187	0.39

WebCode	Data Flag	Sample J11 Lab Mean	Sample J11 Diff from Grand Mean	Sample J11 CPV	Sample J12 Lab Mean	Sample J12 Diff from Grand Mean	Sample J12 CPV
U2YFHC		11,132	1,126	2.19	11,159	1,153	2.39
WBKGVR		10,532	526	1.02	10,556	551	1.14
XNHUM9		9,942	-63	-0.12	9,917	-88	-0.18
Z9JMJQ		10,155	149	0.29	10,158	153	0.32
ZACDUC	*	9,341	-665	-1.29	9,046	-959	-1.98
ZGZ2Q3		9,706	-300	-0.58	9,758	-247	-0.51
ZWBL98		10,222	216	0.42	10,133	128	0.26

Summary Statistics

	Sample J11	Sample J12
Grand Means	10,005.9 psi	10,005.1 psi
Stnd Dev Btwn Labs	514.8 psi	483.5 psi

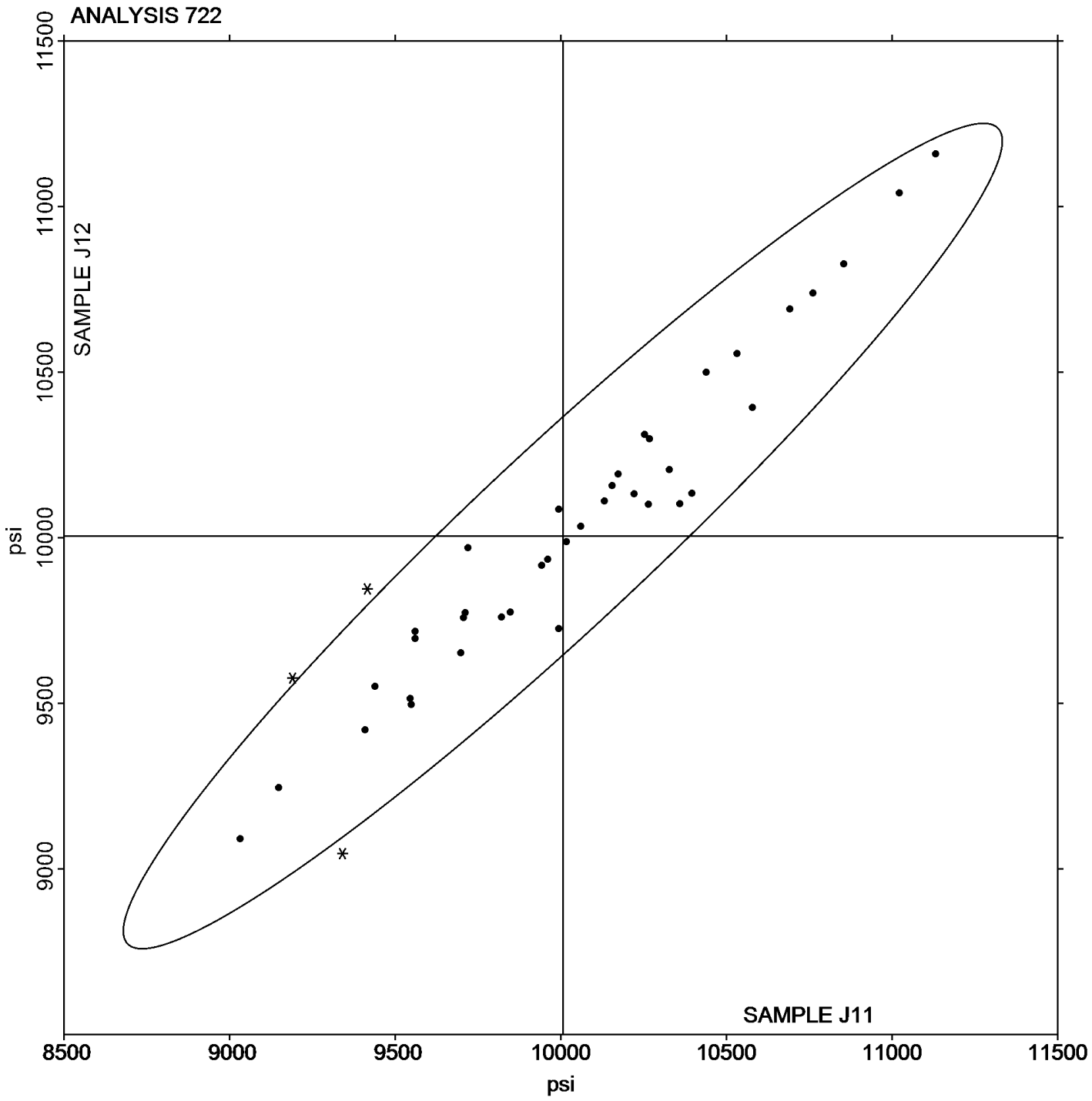
Statistics based on 41 of 42 reporting participants

Sample J11: ABS & Sample J12: ABS

Comments on Assigned Data Flags for Test #722

H62D4P (M) - Participant did not submit data for sample J12.

Grand Mean Sample J11: 10,005.87 psi Grand Mean Sample J12: 10,005.15 psi



WebCode	Data Flag	Sample C11 Lab Mean	Sample C11 Diff from Grand Mean	Sample C11 CPV	Sample C12 Lab Mean	Sample C12 Diff from Grand Mean	Sample C12 CPV
29X9VE		41.78	-0.38	-0.44	41.21	-1.00	-1.24
3CV8MH		41.70	-0.46	-0.53	42.14	-0.07	-0.08
3HHYWW	*	44.24	2.08	2.41	43.53	1.32	1.64
77D9JE		43.93	1.77	2.06	43.86	1.65	2.05
7EP8B4		42.42	0.26	0.30	42.75	0.54	0.68
7LDRJQ	X	45.94	3.78	4.39	45.95	3.74	4.65
7RGTJK		42.28	0.12	0.14	42.42	0.21	0.26
7RYMFN		41.98	-0.18	-0.21	41.83	-0.38	-0.47
8XYNV9	*	40.20	-1.96	-2.27	41.08	-1.13	-1.40
8YV47K		43.06	0.90	1.04	42.76	0.55	0.68
9G8ARZ		40.96	-1.20	-1.39	41.14	-1.07	-1.33
AA4J6N		42.68	0.52	0.60	43.02	0.81	1.01
APWDGE		41.78	-0.38	-0.44	42.04	-0.17	-0.21
AW2YNW		41.22	-0.94	-1.09	41.42	-0.79	-0.98
BMKZBX		42.13	-0.03	-0.04	42.25	0.04	0.06
BR3VFB		42.23	0.06	0.08	41.98	-0.23	-0.29
CVVJ6G		42.41	0.25	0.29	42.61	0.41	0.50
FFA4VF		41.83	-0.33	-0.39	41.85	-0.36	-0.45
FV4UCB		42.88	0.72	0.83	42.78	0.57	0.71
GF4BEJ		41.98	-0.18	-0.21	42.41	0.20	0.25
GTCWYX		40.91	-1.25	-1.46	41.58	-0.63	-0.78
H4T6YB		43.32	1.16	1.35	43.18	0.97	1.20
HPC8VV		42.86	0.70	0.81	42.52	0.31	0.39
HUHXZM		42.40	0.24	0.28	42.48	0.27	0.34
J2GP6A		42.22	0.06	0.07	41.66	-0.55	-0.68
JR8FEW		40.83	-1.33	-1.54	41.32	-0.89	-1.10
K43UD8		42.60	0.44	0.51	42.46	0.25	0.31
KLMKC8		40.93	-1.23	-1.43	41.22	-0.99	-1.23
KTL6FN		41.50	-0.66	-0.77	41.48	-0.73	-0.90
L2BANE		42.26	0.10	0.11	42.83	0.62	0.77
NLVQ8Y		41.51	-0.65	-0.76	41.22	-0.99	-1.23
P2E4UP		43.22	1.06	1.23	43.44	1.23	1.53
P4KQAF		42.12	-0.04	-0.05	42.15	-0.05	-0.07
Q36P38		41.58	-0.58	-0.68	41.35	-0.86	-1.07
Q3P98D		41.58	-0.58	-0.67	41.27	-0.93	-1.16

WebCode	Data Flag	Sample C11 Lab Mean	Sample C11 Diff from Grand Mean	Sample C11 CPV	Sample C12 Lab Mean	Sample C12 Diff from Grand Mean	Sample C12 CPV
QPHJNH		42.42	0.26	0.30	42.66	0.45	0.56
RPEC2G		41.40	-0.76	-0.88	41.53	-0.68	-0.84
RPXXXD		41.84	-0.32	-0.37	42.01	-0.20	-0.24
RUBXV6		42.17	0.01	0.01	41.83	-0.38	-0.47
T7GHPH		42.30	0.14	0.17	42.40	0.19	0.23
TUNUZA		41.42	-0.74	-0.86	41.62	-0.59	-0.73
UUJUDE		43.06	0.90	1.04	43.10	0.89	1.11
VEL384		43.01	0.85	0.98	42.77	0.56	0.70
W84W9C		41.20	-0.96	-1.11	41.13	-1.08	-1.34
W9GLCN		42.10	-0.06	-0.07	41.82	-0.39	-0.48
X9V8J6		42.68	0.52	0.60	42.80	0.59	0.74
YHD9GQ		41.39	-0.77	-0.90	41.16	-1.05	-1.31
Z9JMJQ		42.08	-0.08	-0.09	42.68	0.47	0.58
ZACDUC	*	44.34	2.18	2.52	44.68	2.47	3.07
ZW7K4K		42.95	0.79	0.91	42.77	0.57	0.70
ZYFAR4	X	34.52	-7.64	-8.87	35.34	-6.87	-8.53

Summary Statistics

	Sample C11	Sample C12
Grand Means	42.161 MPa	42.207 MPa
Stnd Dev Btwn Labs	0.862 MPa	0.805 MPa

Statistics based on 49 of 51 reporting participants

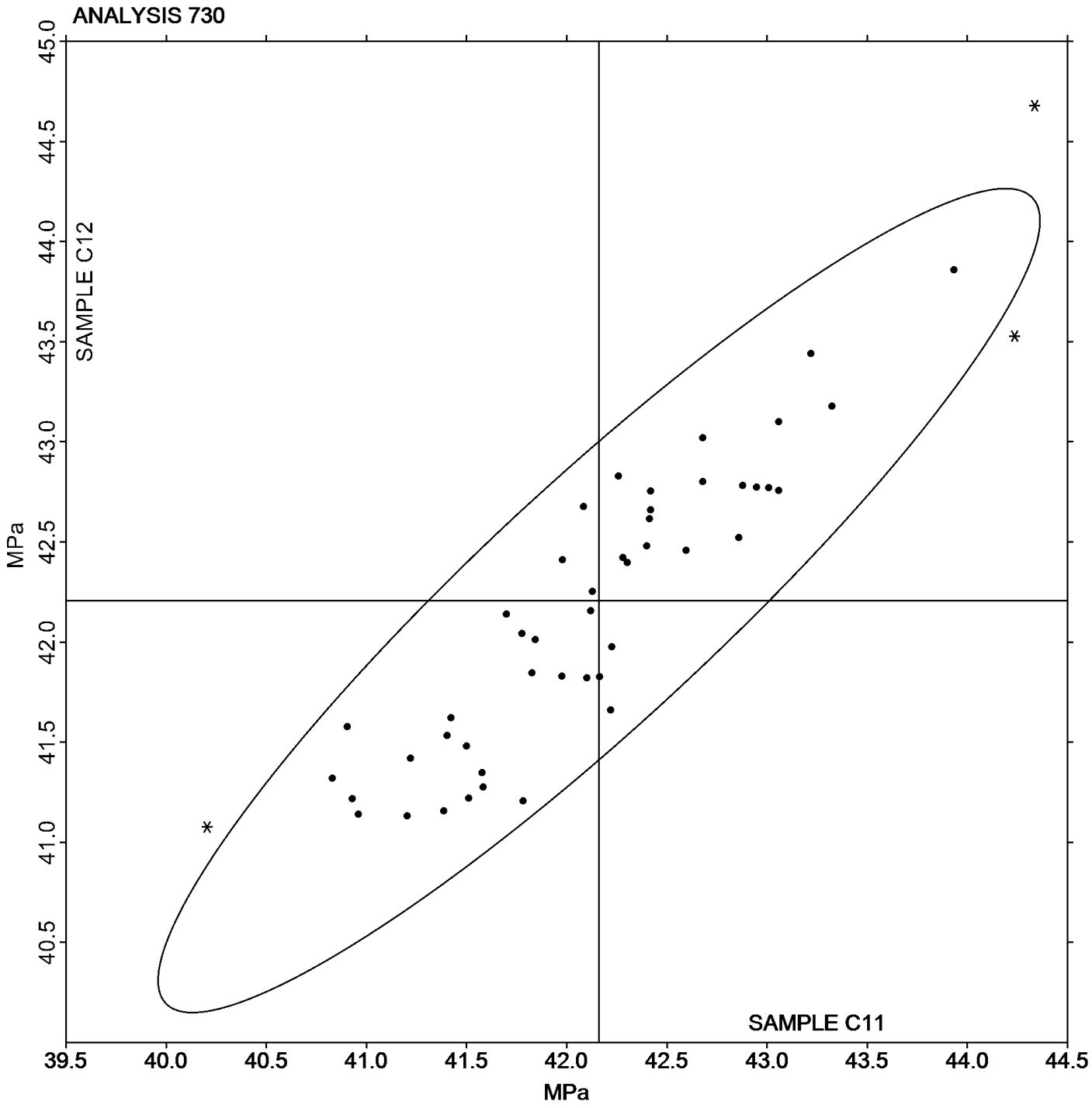
Sample C11: ABS & Sample C12: ABS

Comments on Assigned Data Flags for Test #730

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

ZYFAR4 (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample C11: 42.161 MPa Grand Mean Sample C12: 42.207 MPa



WebCode	Data Flag	Sample C11 Lab Mean	Sample C11 Diff from Grand Mean	Sample C11 CPV	Sample C12 Lab Mean	Sample C12 Diff from Grand Mean	Sample C12 CPV
29X9VE		30.25	-0.92	-0.63	29.40	-1.70	-1.21
3CV8MH		29.62	-1.55	-1.06	30.38	-0.72	-0.51
3HHYWW		32.49	1.32	0.90	31.78	0.68	0.48
77D9JE		31.59	0.42	0.29	31.23	0.13	0.09
7EP8B4		30.76	-0.41	-0.28	30.77	-0.33	-0.23
7LDRJQ		34.05	2.88	1.97	34.00	2.90	2.06
7Q44EM	X	38.90	7.73	5.27	38.62	7.52	5.34
7RGTJK		30.78	-0.38	-0.26	30.00	-1.10	-0.78
7RYMFN		30.74	-0.42	-0.29	30.78	-0.32	-0.22
8XYNV9		31.51	0.34	0.23	31.53	0.43	0.31
8YV47K		31.63	0.46	0.32	31.20	0.10	0.07
9G8ARZ	*	32.60	1.43	0.98	30.46	-0.64	-0.45
AA4J6N		31.70	0.53	0.36	32.34	1.24	0.88
APWDGE		30.05	-1.12	-0.76	29.98	-1.12	-0.79
AW2YNW		31.68	0.51	0.35	30.22	-0.88	-0.62
BMKZBX		29.94	-1.23	-0.84	30.18	-0.92	-0.65
BR3VFB		30.56	-0.61	-0.41	31.11	0.01	0.00
CVVJ6G		33.38	2.21	1.51	34.14	3.04	2.16
FFA4VF		29.88	-1.28	-0.88	30.15	-0.95	-0.67
FV4UCB		32.34	1.17	0.80	31.36	0.26	0.19
GF4BEJ		30.72	-0.45	-0.31	31.11	0.01	0.01
GTCWYX		33.44	2.28	1.55	33.74	2.64	1.87
H4T6YB		31.74	0.57	0.39	31.88	0.78	0.55
HPC8VV		31.38	0.21	0.14	31.68	0.58	0.41
HUHXZM		30.36	-0.81	-0.55	30.68	-0.42	-0.30
J2GP6A		32.02	0.85	0.58	31.28	0.18	0.13
JR8FEW		29.30	-1.87	-1.28	29.48	-1.62	-1.15
K43UD8		32.50	1.33	0.91	32.91	1.81	1.29
KLMKC8		31.22	0.05	0.04	30.46	-0.64	-0.45
NLVQ8Y		30.21	-0.96	-0.65	29.34	-1.76	-1.25
P2E4UP		31.67	0.50	0.34	31.62	0.52	0.37
P4KQAF		29.52	-1.65	-1.13	29.85	-1.25	-0.89
Q36P38		29.38	-1.79	-1.22	29.46	-1.64	-1.16
QPHJNH		30.84	-0.33	-0.22	30.97	-0.13	-0.09
RPEC2G		30.01	-1.16	-0.79	30.44	-0.66	-0.47

WebCode	Data Flag	Sample C11 Lab Mean	Sample C11 Diff from Grand Mean	Sample C11 CPV	Sample C12 Lab Mean	Sample C12 Diff from Grand Mean	Sample C12 CPV
RPXXXD		29.95	-1.22	-0.83	30.19	-0.91	-0.64
RUBXV6		30.90	-0.27	-0.18	31.03	-0.07	-0.05
T7GHPH		30.48	-0.69	-0.47	30.58	-0.52	-0.37
TUNUZA		29.44	-1.73	-1.18	28.78	-2.32	-1.64
UUJUDE		31.82	0.65	0.44	31.14	0.04	0.03
VEL384		31.11	-0.06	-0.04	30.71	-0.39	-0.28
W2EETF		31.79	0.62	0.43	31.19	0.09	0.06
W9GLCN		30.14	-1.03	-0.70	30.96	-0.14	-0.10
X9V8J6		30.80	-0.37	-0.25	30.98	-0.12	-0.08
YHD9GQ	*	35.77	4.60	3.14	35.51	4.41	3.13
Z9JMJQ		30.07	-1.09	-0.75	30.94	-0.16	-0.11
ZACDUC		34.14	2.97	2.03	34.63	3.53	2.50
ZW7K4K		32.20	1.03	0.70	30.94	-0.16	-0.11
ZYFAR4	*	27.58	-3.59	-2.45	29.28	-1.82	-1.29

Summary Statistics

	Sample C11	Sample C12
Grand Means	31.168 MPa	31.099 MPa
Stnd Dev Btwn Labs	1.466 MPa	1.409 MPa

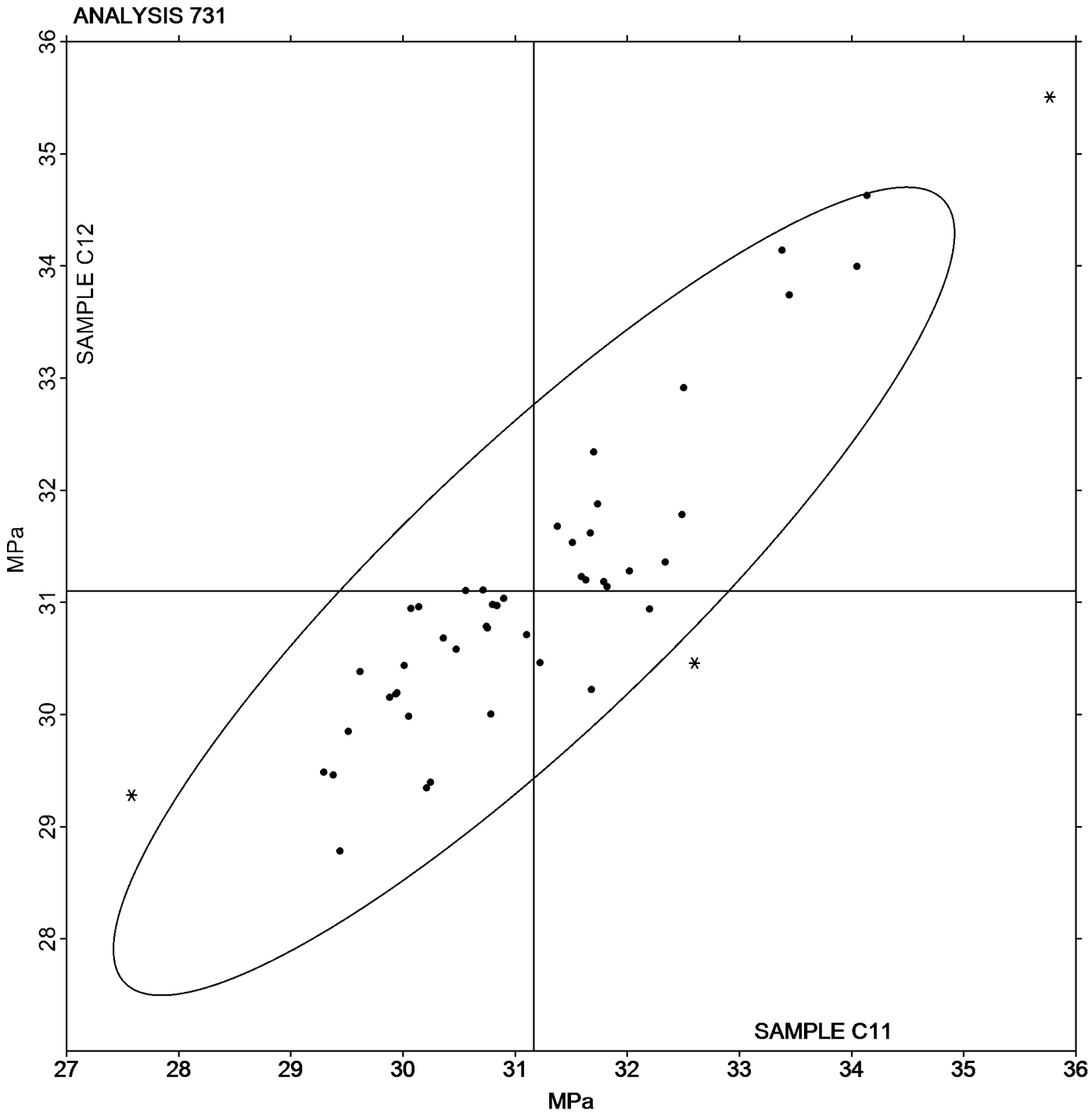
Statistics based on 48 of 49 reporting participants

Sample C11: ABS & Sample C12: ABS

Comments on Assigned Data Flags for Test #731

7Q44EM (X) - Data for both samples are high. Possible Systematic Error.

Grand Mean Sample C11: 31.168 MPa Grand Mean Sample C12: 31.099 MPa



WebCode	Data Flag	Sample C11 Lab Mean	Sample C11 Diff from Grand Mean	Sample C11 CPV	Sample C12 Lab Mean	Sample C12 Diff from Grand Mean	Sample C12 CPV
29X9VE		2.215	-0.122	-1.48	2.216	-0.126	-1.38
3CV8MH		2.380	0.042	0.51	2.360	0.017	0.19
77D9JE		2.374	0.036	0.44	2.358	0.015	0.17
7EP8B4		2.261	-0.076	-0.92	2.233	-0.110	-1.21
7LDRJQ		2.304	-0.034	-0.41	2.332	-0.011	-0.12
7RGTJK		2.465	0.128	1.54	2.451	0.108	1.18
7RYMFN		2.320	-0.018	-0.21	2.300	-0.043	-0.47
8XYNV9	X	2.080	-0.258	-3.11	2.232	-0.111	-1.21
8YV47K		2.494	0.156	1.89	2.524	0.181	1.99
9G8ARZ		2.296	-0.042	-0.50	2.342	-0.001	-0.01
AA4J6N		2.400	0.062	0.75	2.420	0.077	0.85
APWDGE	*	2.600	0.262	3.17	2.611	0.268	2.94
AW2YNW		2.230	-0.108	-1.30	2.232	-0.111	-1.21
BMKZBX		2.404	0.066	0.80	2.412	0.069	0.76
BR3VFB		2.322	-0.016	-0.19	2.290	-0.053	-0.58
CVVJ6G		2.392	0.054	0.66	2.416	0.073	0.80
FFA4VF		2.390	0.052	0.63	2.432	0.089	0.98
FV4UCB		2.260	-0.078	-0.94	2.300	-0.043	-0.47
GF4BEJ		2.316	-0.022	-0.26	2.376	0.033	0.37
GTCWYX	X	2.848	0.510	6.17	2.910	0.567	6.22
H4T6YB		2.320	-0.018	-0.21	2.316	-0.027	-0.29
HPC8VV		2.240	-0.098	-1.18	2.200	-0.143	-1.56
HUHXZM		2.300	-0.038	-0.45	2.300	-0.043	-0.47
JR8FEW		2.320	-0.018	-0.21	2.352	0.009	0.10
K43UD8		2.326	-0.012	-0.14	2.324	-0.019	-0.20
KLMKC8		2.367	0.029	0.35	2.380	0.038	0.41
KTL6FN	X	3.772	1.434	17.33	3.714	1.371	15.03
NLVQ8Y		2.332	-0.006	-0.07	2.296	-0.047	-0.51
P2E4UP		2.402	0.064	0.77	2.408	0.066	0.72
P4KQAF		2.352	0.014	0.17	2.336	-0.007	-0.07
Q36P38		2.328	-0.010	-0.12	2.320	-0.023	-0.25
QPHJNH		2.367	0.030	0.36	2.387	0.044	0.48
RPEC2G		2.320	-0.018	-0.21	2.314	-0.029	-0.31
RPXXXD		2.356	0.018	0.22	2.362	0.019	0.21
RUBXV6		2.328	-0.010	-0.12	2.278	-0.065	-0.71

WebCode	Data Flag	Sample C11 Lab Mean	Sample C11 Diff from Grand Mean	Sample C11 CPV	Sample C12 Lab Mean	Sample C12 Diff from Grand Mean	Sample C12 CPV
T7GHPH		2.296	-0.042	-0.50	2.302	-0.041	-0.45
TUNUZA		2.260	-0.078	-0.94	2.268	-0.075	-0.82
UUJUDE		2.300	-0.038	-0.45	2.340	-0.003	-0.03
VEL384		2.212	-0.125	-1.51	2.197	-0.146	-1.60
W9GLCN		2.300	-0.038	-0.45	2.280	-0.063	-0.69
X9V8J6		2.300	-0.038	-0.45	2.300	-0.043	-0.47
YHD9GQ	*	2.570	0.233	2.81	2.614	0.271	2.97
Z9JMJQ		2.236	-0.102	-1.23	2.286	-0.057	-0.62
ZACDUC		2.308	-0.030	-0.36	2.326	-0.017	-0.18
ZW7K4K		2.316	-0.022	-0.26	2.300	-0.043	-0.47
ZYFAR4	X	1.192	-1.146	-13.84	1.232	-1.111	-12.17

Summary Statistics

	Sample C11	Sample C12
Grand Means	2.3376 Percent	2.3426 Percent
Stnd Dev Btwn Labs	0.0828 Percent	0.0913 Percent

Statistics based on 42 of 46 reporting participants

Sample C11: ABS & Sample C12: ABS

Comments on Assigned Data Flags for Test #732

KTL6FN (X) - Data for both samples are high. Inconsistent within the determinations of sample C12.

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

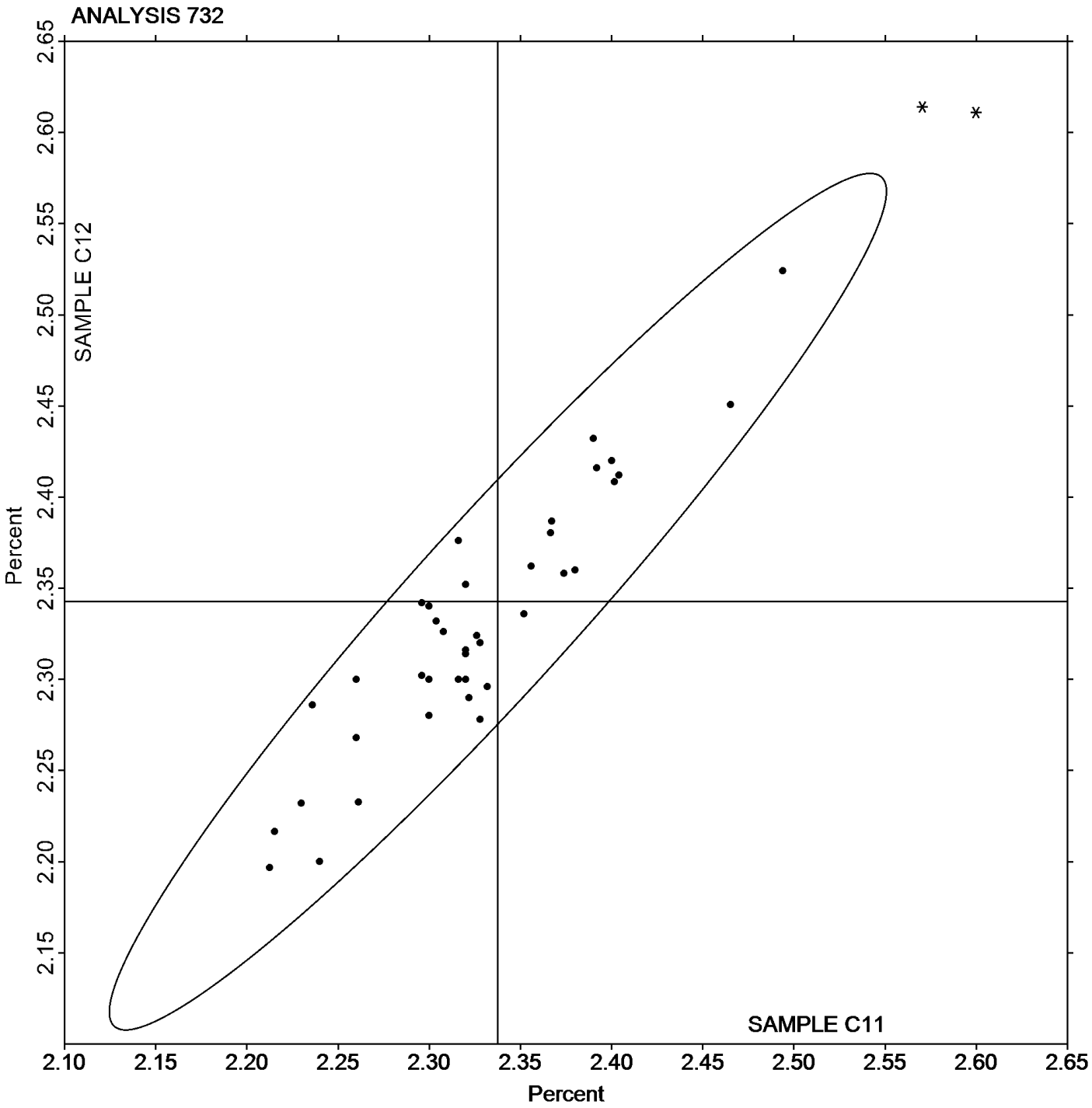
8XYNV9 (X) - Data for sample C11 are low. Inconsistent within the determinations of sample C11.

ZYFAR4 (X) - Data for both samples are low.

Results by Methodology (as reported by laboratory)

Test Methodology	Sample C11 ABS Group Mean	Sample C11 ABS Btwn Lab STD	Sample C11 ABS Diff from GM	Sample C12 ABS Group Mean	Sample C12 ABS Btwn Lab STD	Sample C12 ABS Diff from GM	Labs Incl / Rpt
contact extensometer to measure elongation	2.3368	0.0870	-0.001	2.3452	0.0963	0.003	33/36
crosshead deflection/movement	2.3317	0.1208	-0.006	2.3276	0.1119	-0.015	3/4
video extensometer	2.3360	0.0405	-0.002	2.3204	0.0528	-0.022	5/5

Grand Mean Sample C11: 2.3376 Percent Grand Mean Sample C12: 2.3426 Percent



WebCode	Data Flag	Sample C11 Lab Mean	Sample C11 Diff from Grand Mean	Sample C11 CPV	Sample C12 Lab Mean	Sample C12 Diff from Grand Mean	Sample C12 CPV
29X9VE		2,270	-9	-0.12	2,296	22	0.26
3CV8MH		2,220	-59	-0.76	2,240	-34	-0.40
77D9JE		2,328	48	0.62	2,339	64	0.75
7EP8B4	X	2,237	-42	-0.54	2,388	114	1.32
7LDRJQ		2,341	62	0.79	2,299	25	0.29
7RGTJK		2,339	59	0.75	2,336	62	0.72
7RYMFN		2,251	-29	-0.37	2,255	-19	-0.22
8XYNV9	X	2,414	134	1.70	2,299	25	0.29
8YV47K		2,093	-187	-2.38	2,061	-213	-2.48
9G8ARZ		2,146	-134	-1.70	2,158	-116	-1.35
AA4J6N		2,186	-94	-1.19	2,190	-84	-0.98
APWDGE	X	1,877	-403	-5.12	1,841	-433	-5.03
AW2YNW		2,250	-29	-0.37	2,290	16	0.18
BMKZBX		2,189	-90	-1.15	2,126	-148	-1.72
BR3VFB		2,258	-21	-0.27	2,195	-79	-0.92
CVVJ6G		2,181	-99	-1.26	2,182	-92	-1.07
FFA4VF		2,372	93	1.18	2,368	94	1.09
FV4UCB		2,350	70	0.90	2,310	36	0.42
GF4BEJ		2,286	6	0.08	2,296	21	0.25
GTCWYX		2,297	18	0.23	2,305	30	0.35
H4T6YB		2,308	29	0.37	2,293	18	0.21
HPC8VV		2,378	99	1.25	2,359	85	0.98
HUHXZM		2,368	88	1.12	2,358	84	0.97
JR8FEW		2,288	8	0.10	2,253	-21	-0.24
K43UD8		2,269	-11	-0.13	2,250	-24	-0.28
KLMKC8		2,424	145	1.84	2,450	176	2.04
KTL6FN		2,122	-158	-2.00	2,154	-120	-1.40
L2BANE		2,204	-76	-0.97	2,147	-128	-1.48
NLVQ8Y		2,314	35	0.44	2,322	48	0.56
P2E4UP		2,368	88	1.12	2,436	162	1.88
P4KQAF		2,214	-66	-0.84	2,231	-43	-0.50
Q36P38		2,278	-2	-0.02	2,278	4	0.04
QPHJNH		2,316	36	0.46	2,328	54	0.62
RPEC2G		2,199	-80	-1.02	2,197	-77	-0.90
RPXXXD		2,179	-101	-1.28	2,178	-96	-1.11

WebCode	Data Flag	Sample C11 Lab Mean	Sample C11 Diff from Grand Mean	Sample C11 CPV	Sample C12 Lab Mean	Sample C12 Diff from Grand Mean	Sample C12 CPV
RUBXV6		2,336	56	0.72	2,340	66	0.76
T7GHPH		2,317	37	0.47	2,300	26	0.30
TUNUZA		2,275	-4	-0.06	2,287	13	0.15
UUJUDE		2,312	32	0.41	2,358	84	0.97
VEL384		2,192	-87	-1.11	2,206	-68	-0.79
W9GLCN		2,298	19	0.24	2,281	7	0.08
X9V8J6		2,269	-11	-0.13	2,249	-25	-0.29
YHD9GQ	*	2,277	-2	-0.03	2,169	-106	-1.23
Z9JMJQ		2,419	139	1.77	2,410	136	1.58
ZACDUC		2,364	85	1.08	2,372	98	1.14
ZW7K4K		2,374	95	1.21	2,337	63	0.73
ZYFAR4	X	3,471	1,191	15.15	3,470	1,196	13.88

Summary Statistics

	Sample C11	Sample C12
Grand Means	2,279.6 MPa	2,274.2 MPa
Stnd Dev Btwn Labs	78.6 MPa	86.1 MPa

Statistics based on 43 of 47 reporting participants

Sample C11: ABS & Sample C12: ABS

Comments on Assigned Data Flags for Test #734

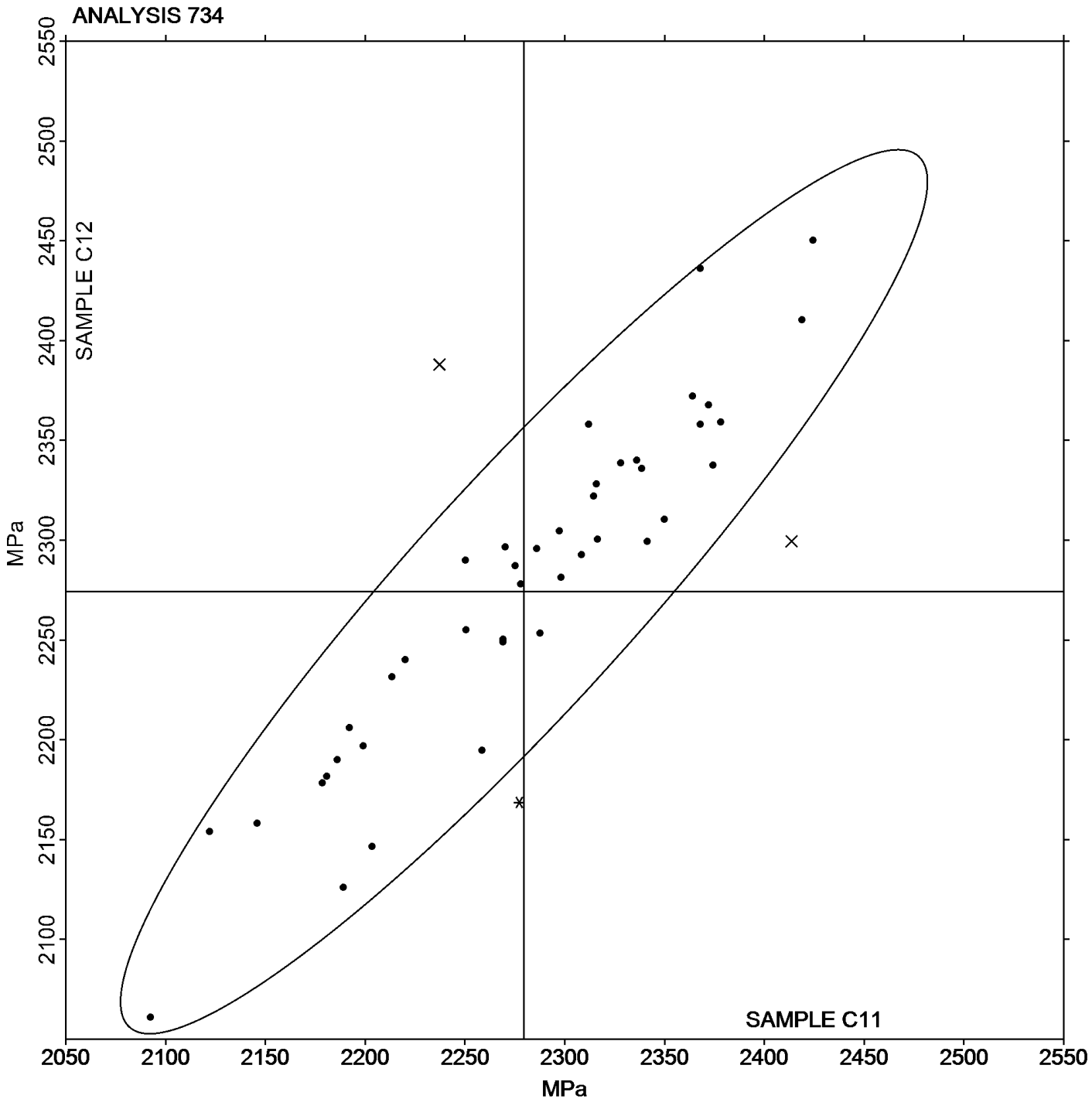
7EP8B4 (X) - Inconsistent in testing between samples.

8XYNV9 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample C11.

ZYFAR4 (X) - Data for both samples are high.

APWDGE (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample C11.

Grand Mean Sample C11: 2,279.57 MPa Grand Mean Sample C12: 2,274.19 MPa



WebCode	Data Flag	Sample K11 Lab Mean	Sample K11 Diff from Grand Mean	Sample K11 CPV	Sample K12 Lab Mean	Sample K12 Diff from Grand Mean	Sample K12 CPV
29X9VE		2,306	10	0.14	2,322	24	0.36
3CV8MH		2,406	110	1.64	2,392	94	1.39
77D9JE		2,413	116	1.73	2,403	105	1.55
7EP8B4		2,237	-59	-0.88	2,276	-22	-0.33
7JLT6R		2,341	44	0.66	2,330	32	0.47
7L9AH7		2,202	-94	-1.41	2,194	-104	-1.53
7LDRJQ	X	2,353	57	0.84	2,521	223	3.28
7RGTJK		2,280	-16	-0.24	2,288	-10	-0.15
7RYMFN		2,374	78	1.16	2,359	61	0.90
8XYNV9		2,214	-82	-1.23	2,224	-74	-1.09
9G8ARZ	X	2,654	358	5.33	2,674	376	5.53
AA4J6N		2,248	-49	-0.73	2,252	-47	-0.69
APWDGE		2,219	-77	-1.15	2,202	-96	-1.42
AW2YNW		2,270	-26	-0.39	2,279	-19	-0.28
BMKZBX		2,233	-63	-0.94	2,231	-67	-0.99
BR3VFB		2,416	120	1.78	2,427	129	1.90
CVVJ6G	X	2,397	101	1.50	2,343	45	0.66
CZR73B		2,318	22	0.32	2,302	4	0.05
FFA4VF		2,249	-47	-0.70	2,274	-24	-0.36
FV4UCB		2,407	111	1.65	2,388	89	1.32
H49GGG		2,245	-52	-0.77	2,253	-46	-0.67
H4T6YB		2,305	9	0.13	2,297	-1	-0.01
HPC8VV		2,176	-121	-1.80	2,157	-141	-2.08
HUHXZM		2,348	52	0.77	2,350	52	0.76
JR8FEW		2,270	-27	-0.40	2,262	-36	-0.53
K43UD8		2,281	-15	-0.22	2,264	-34	-0.50
L2BANE		2,277	-19	-0.29	2,287	-11	-0.16
NLVQ8Y		2,206	-90	-1.34	2,217	-81	-1.20
P2E4UP		2,335	38	0.57	2,354	56	0.82
P4KQAF		2,265	-32	-0.47	2,276	-22	-0.33
Q36P38		2,369	72	1.08	2,367	69	1.01
Q3P98D		2,382	86	1.28	2,360	62	0.91
QPHJNH		2,292	-4	-0.06	2,300	1	0.02
RUBXV6		2,219	-77	-1.15	2,201	-97	-1.43
T7GHPH		2,305	9	0.13	2,300	1	0.02

WebCode	Data Flag	Sample K11 Lab Mean	Sample K11 Diff from Grand Mean	Sample K11 CPV	Sample K12 Lab Mean	Sample K12 Diff from Grand Mean	Sample K12 CPV
TUNUZA		2,271	-26	-0.38	2,266	-32	-0.47
UUJUDE		2,240	-56	-0.84	2,226	-72	-1.06
VEL384		2,303	7	0.10	2,311	13	0.19
W2EETF		2,333	37	0.55	2,342	44	0.64
W84W9C		2,344	48	0.71	2,370	72	1.06
W9GLCN		2,199	-98	-1.45	2,217	-81	-1.20
X9V8J6		2,352	55	0.82	2,366	67	0.99
YHD9GQ		2,217	-80	-1.19	2,225	-73	-1.08
Z9JMJQ		2,303	6	0.09	2,293	-5	-0.08
ZACDUC	*	2,375	79	1.18	2,419	120	1.77
ZW7K4K		2,399	102	1.53	2,399	100	1.48
ZYFAR4	X	2,550	254	3.79	2,563	265	3.90

Summary Statistics

	Sample K11	Sample K12
Grand Means	2,296.3 MPa	2,298.2 MPa
Stnd Dev Btwn Labs	67.1 MPa	67.9 MPa

Statistics based on 43 of 47 reporting participants

Sample K11: ABS & Sample K12: ABS

Comments on Assigned Data Flags for Test #736

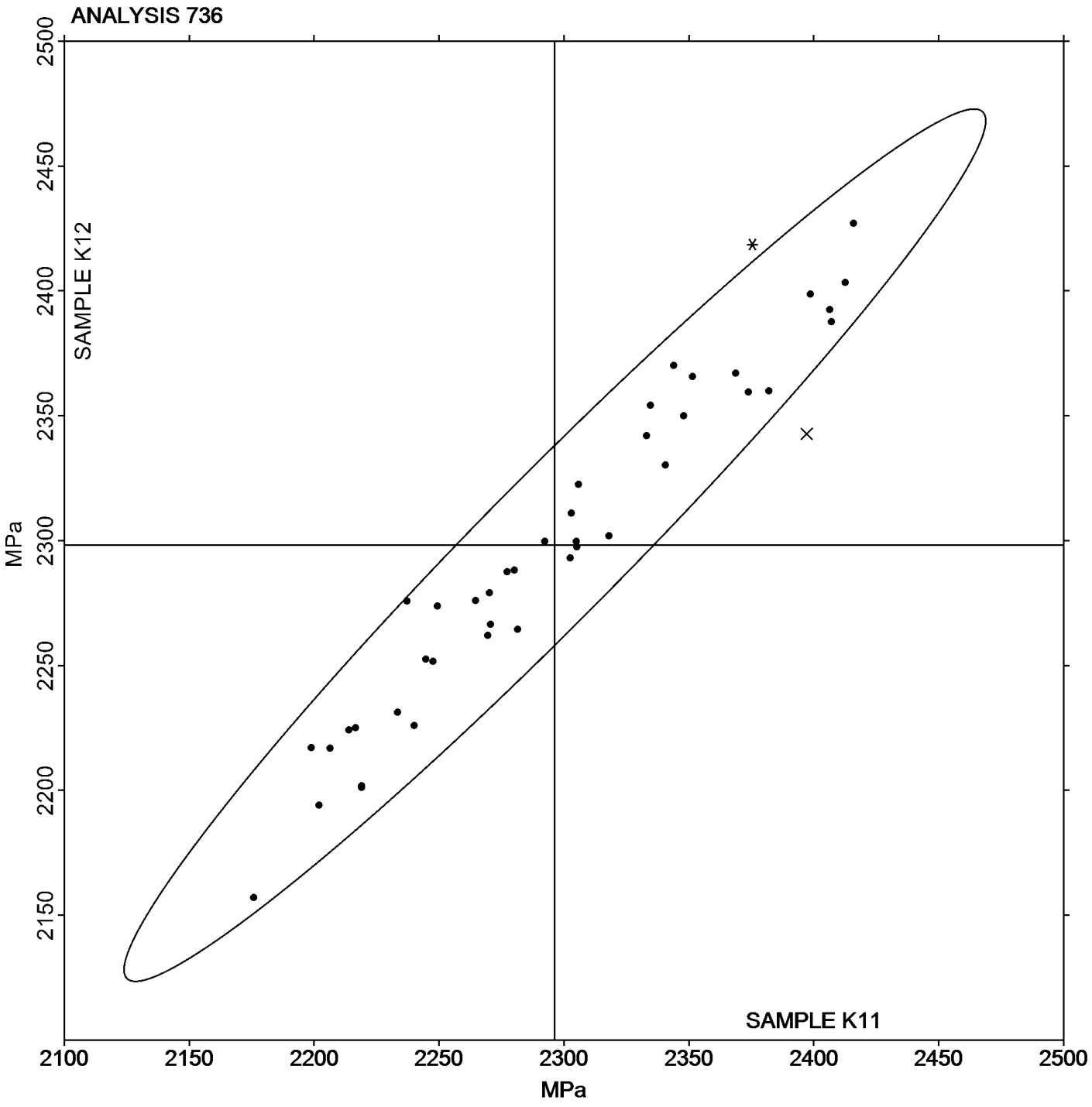
7LDRJQ (X) - Data for sample K12 are high. Inconsistent within the determinations of both samples.

ZYFAR4 (X) - Data for both samples are high. Possible Systematic Error.

9G8ARZ (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample K11.

CVVJ6G (X) - Inconsistent in testing between samples.

Grand Mean Sample K11: 2,296.33 MPa Grand Mean Sample K12: 2,298.19 MPa



WebCode	Data Flag	Sample K11 Lab Mean	Sample K11 Diff from Grand Mean	Sample K11 CPV	Sample K12 Lab Mean	Sample K12 Diff from Grand Mean	Sample K12 CPV
29X9VE		64.82	1.89	1.30	64.84	1.95	1.34
3CV8MH		63.16	0.24	0.16	62.98	0.09	0.06
77D9JE		65.74	2.81	1.94	65.71	2.82	1.93
7EP8B4		62.15	-0.77	-0.53	62.26	-0.63	-0.43
7JLT6R		63.87	0.94	0.65	63.91	1.02	0.70
7L9AH7		62.79	-0.13	-0.09	62.88	-0.01	-0.01
7LDRJQ		62.07	-0.86	-0.59	61.40	-1.50	-1.02
7RGTJK		63.08	0.16	0.11	62.91	0.02	0.01
8XYNV9		62.48	-0.44	-0.30	62.75	-0.14	-0.09
9G8ARZ		65.06	2.13	1.47	64.92	2.03	1.39
AA4J6N		63.27	0.34	0.24	63.64	0.75	0.51
APWDGE		61.40	-1.53	-1.05	61.52	-1.37	-0.94
BMKZBX		62.54	-0.39	-0.27	62.70	-0.19	-0.13
BR3VFB		64.02	1.10	0.76	64.02	1.13	0.78
CVVJ6G	X	61.05	-1.88	-1.29	59.69	-3.20	-2.19
CZR73B		63.16	0.23	0.16	62.66	-0.23	-0.16
FFA4VF	X	60.62	-2.31	-1.59	57.58	-5.31	-3.64
FV4UCB		65.04	2.12	1.46	64.80	1.91	1.31
H4T6YB		60.83	-2.10	-1.44	60.71	-2.18	-1.50
HPC8VV		61.72	-1.21	-0.83	62.56	-0.33	-0.23
HUHXZM		65.88	2.96	2.04	65.97	3.08	2.11
K43UD8		62.04	-0.89	-0.61	61.75	-1.14	-0.78
NLVQ8Y		61.09	-1.84	-1.27	61.12	-1.77	-1.21
P2E4UP		61.54	-1.39	-0.96	61.65	-1.24	-0.85
P4KQAF		62.24	-0.69	-0.47	62.32	-0.57	-0.39
Q36P38		62.74	-0.19	-0.13	63.23	0.34	0.23
QPHJNH		61.23	-1.69	-1.16	61.39	-1.50	-1.03
RUBXV6		61.84	-1.08	-0.74	61.20	-1.69	-1.16
T7GHPH		62.69	-0.23	-0.16	62.77	-0.12	-0.08
TUNUZA		62.98	0.05	0.04	62.77	-0.12	-0.09
UUJUDE		64.90	1.97	1.36	64.52	1.63	1.12
VEL384		63.64	0.71	0.49	64.04	1.15	0.79
W9GLCN		62.68	-0.25	-0.17	62.66	-0.23	-0.16
X9V8J6		62.76	-0.17	-0.11	63.18	0.29	0.20
YHD9GQ		61.03	-1.90	-1.31	60.83	-2.06	-1.42

WebCode	Data Flag	Sample K11 Lab Mean	Sample K11 Diff from Grand Mean	Sample K11 CPV	Sample K12 Lab Mean	Sample K12 Diff from Grand Mean	Sample K12 CPV
Z9JMJQ		64.02	1.09	0.75	63.84	0.95	0.65
ZACDUC		59.60	-3.33	-2.29	59.25	-3.64	-2.50
ZW7K4K		63.45	0.53	0.36	63.61	0.72	0.49
ZYFAR4	*	64.68	1.75	1.21	63.68	0.79	0.54

Summary Statistics

	Sample K11	Sample K12
Grand Means	62.925 MPa	62.890 MPa
Stnd Dev Btwn Labs	1.453 MPa	1.459 MPa

Statistics based on 37 of 39 reporting participants

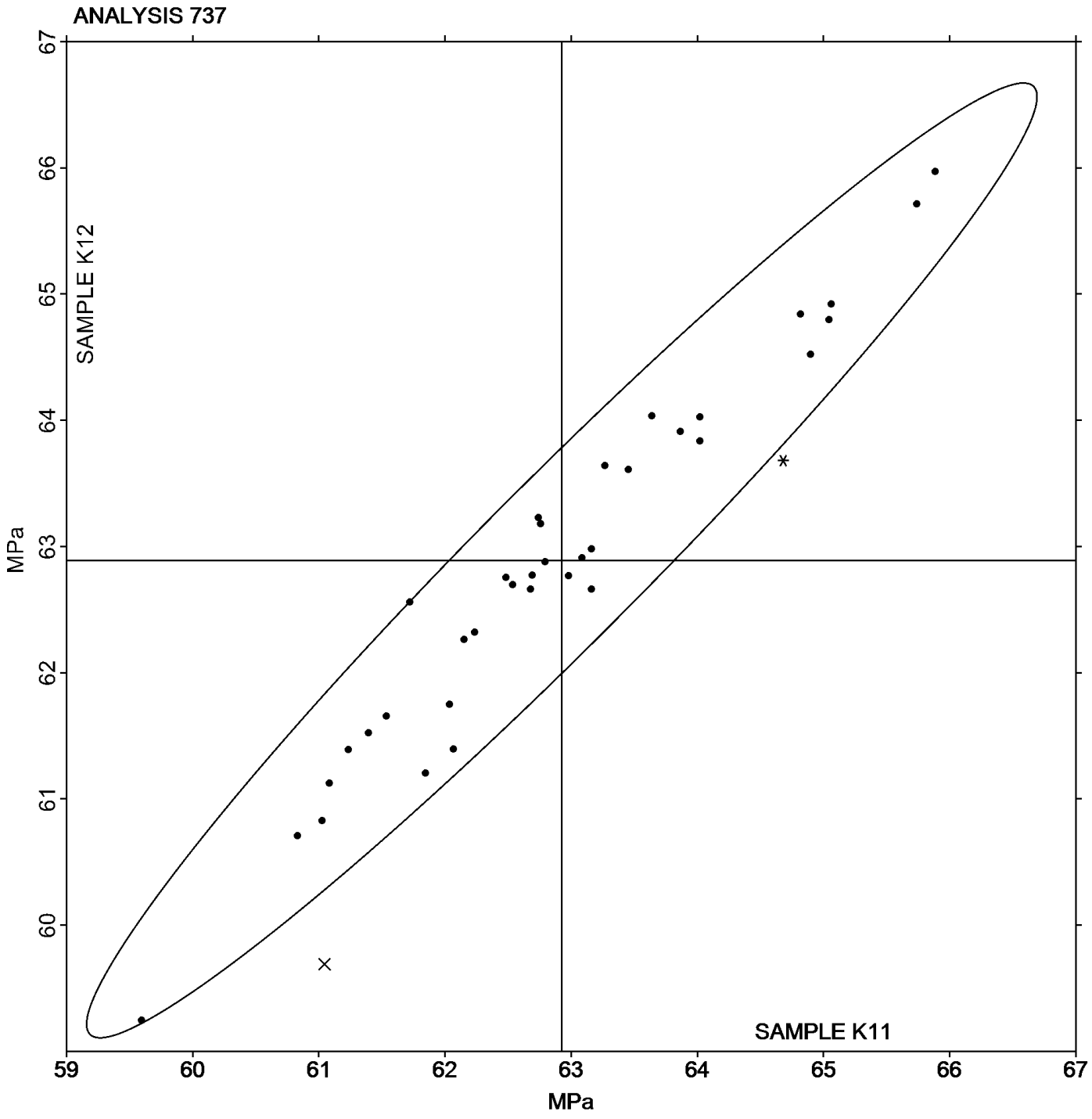
Sample K11: ABS & Sample K12: ABS

Comments on Assigned Data Flags for Test #737

FFA4VF (X) - Data for sample K12 are low. Inconsistent within the determinations of both samples.

CVVJ6G (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample K11.

Grand Mean Sample K11: 62.925 MPa Grand Mean Sample K12: 62.890 MPa



WebCode	Data Flag	Sample K11 Lab Mean	Sample K11 Diff from Grand Mean	Sample K11 CPV	Sample K12 Lab Mean	Sample K12 Diff from Grand Mean	Sample K12 CPV
3CV8MH		63.51	-0.03	-0.02	63.40	-0.08	-0.06
7EP8B4		62.96	-0.58	-0.42	63.03	-0.44	-0.32
7JLT6R		64.81	1.27	0.92	64.78	1.30	0.95
7L9AH7		63.43	-0.10	-0.07	63.62	0.14	0.10
7LDRJQ		63.35	-0.19	-0.13	62.99	-0.49	-0.36
7RGTJK		63.69	0.16	0.11	63.66	0.18	0.13
7RYMFN	*	67.36	3.83	2.76	67.20	3.72	2.72
8XYNV9		63.19	-0.34	-0.25	63.27	-0.21	-0.15
9G8ARZ		65.30	1.77	1.27	65.02	1.54	1.13
AA4J6N		63.99	0.45	0.33	64.39	0.92	0.67
APWDGE		61.78	-1.75	-1.26	61.93	-1.55	-1.13
AW2YNW		63.30	-0.23	-0.17	63.08	-0.40	-0.29
BMKZBX		63.13	-0.40	-0.29	63.37	-0.11	-0.08
BR3VFB		64.96	1.43	1.03	64.83	1.35	0.99
CZR73B		63.78	0.25	0.18	63.26	-0.22	-0.16
FFA4VF	X	60.90	-2.63	-1.90	57.79	-5.68	-4.15
H4T6YB		61.66	-1.88	-1.35	61.60	-1.88	-1.37
HPC8VV	*	62.64	-0.89	-0.64	63.50	0.02	0.02
HUHXZM		66.37	2.84	2.04	66.39	2.91	2.13
K43UD8		62.31	-1.23	-0.88	62.17	-1.31	-0.95
L2BANE		63.62	0.08	0.06	63.82	0.34	0.25
NLVQ8Y		62.04	-1.49	-1.08	61.78	-1.70	-1.24
P4KQAF		62.96	-0.57	-0.41	62.96	-0.52	-0.38
Q36P38		63.39	-0.14	-0.10	63.88	0.40	0.29
RUBXV6		62.90	-0.63	-0.45	62.41	-1.07	-0.78
T7GHPH		63.04	-0.50	-0.36	63.08	-0.40	-0.29
TUNUZA		63.44	-0.09	-0.06	63.20	-0.27	-0.20
UUJUDE		64.90	1.37	0.98	64.52	1.04	0.76
W9GLCN		63.66	0.13	0.09	63.64	0.16	0.12
X9V8J6		63.58	0.05	0.03	63.90	0.42	0.31
YHD9GQ		61.41	-2.13	-1.53	61.28	-2.19	-1.60
Z9JMJQ		64.75	1.22	0.88	64.65	1.17	0.85
ZACDUC		60.50	-3.04	-2.19	60.30	-3.18	-2.32
ZYFAR4	*	64.90	1.37	0.98	63.86	0.38	0.28

Summary Statistics	Sample K11	Sample K12
Grand Means	63.533 MPa	63.478 MPa
Stnd Dev Btwn Labs	1.388 MPa	1.369 MPa

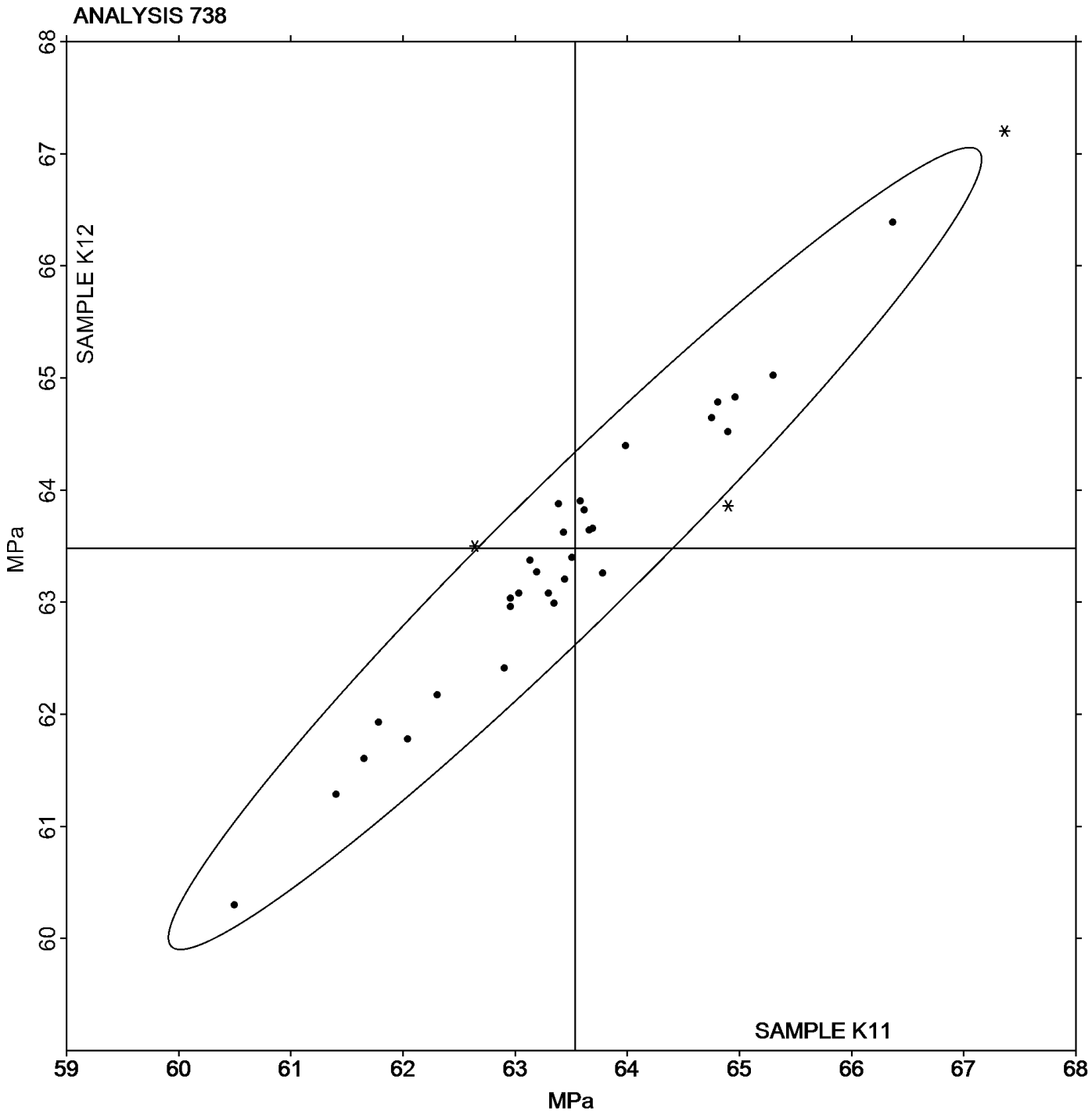
Statistics based on 33 of 34 reporting participants

Sample K11: ABS & Sample K12: ABS

Comments on Assigned Data Flags for Test #738

FFA4VF (X) - Data for sample K12 are low. Inconsistent within the determinations of both samples.

Grand Mean Sample K11: 63.533 MPa Grand Mean Sample K12: 63.478 MPa



WebCode	Data Flag	Sample X11 Lab Mean	Sample X11 Diff from Grand Mean	Sample X11 CPV	Sample X12 Lab Mean	Sample X12 Diff from Grand Mean	Sample X12 CPV	Instr Code
22ZJEA	X	5.95	-0.48	-1.65	5.31	-1.09	-3.59	DY
244EU7		6.65	0.22	0.77	6.75	0.35	1.16	TO
29X9VE		6.28	-0.14	-0.49	6.37	-0.03	-0.09	TO
2FXTXA		6.42	-0.01	-0.04	6.26	-0.14	-0.47	TO
33P6K7		6.90	0.47	1.63	6.77	0.37	1.23	TO
3CV8MH		6.45	0.02	0.08	6.48	0.08	0.27	CE
3CVACM		6.55	0.13	0.44	6.53	0.13	0.42	TO
3HHYWW		6.40	-0.03	-0.09	6.40	0.00	0.01	TO
3L7EL7	*	5.75	-0.68	-2.32	5.53	-0.87	-2.87	KA
47LD47		6.35	-0.08	-0.26	6.20	-0.20	-0.65	WZ
6AZA8M		6.42	0.00	0.00	6.37	-0.03	-0.09	TO
6TWVQT		6.39	-0.04	-0.14	6.43	0.03	0.09	TO
6WRMW6		6.03	-0.40	-1.36	6.12	-0.28	-0.93	WZ
77D9JE		6.32	-0.11	-0.36	6.03	-0.37	-1.23	DY
7EP8B4		6.39	-0.04	-0.12	6.39	0.00	-0.02	DY
7LDRJQ		6.68	0.25	0.87	6.37	-0.03	-0.09	WZ
7M3ZMZ		6.39	-0.04	-0.13	6.10	-0.30	-0.98	TO
7Q7UMQ		6.60	0.17	0.60	6.60	0.20	0.67	WZ
7RYMFN	X	14.03	7.60	26.05	12.31	5.91	19.51	TO
7U689U	*	5.61	-0.82	-2.80	5.74	-0.66	-2.19	DY
7YGDLF		6.51	0.08	0.29	6.33	-0.07	-0.24	TO
8ZMVHQ		6.25	-0.18	-0.60	6.15	-0.25	-0.82	DY
9G8ARZ	X	5.70	-0.73	-2.49	5.25	-1.15	-3.79	TO
AA4J6N	X	15.15	8.72	29.91	14.15	7.75	25.60	TO
ADLQMW	X	6.21	-0.22	-0.74	4.36	-2.04	-6.73	WZ
ALYRQC		6.21	-0.22	-0.75	6.32	-0.07	-0.24	DY
APWDGE		6.32	-0.10	-0.36	6.42	0.02	0.07	TO
B8WMYQ		7.10	0.67	2.31	7.00	0.60	1.99	TO
BMKZBX		7.07	0.64	2.19	6.93	0.53	1.76	TO
BR3VFB		6.36	-0.06	-0.22	6.28	-0.11	-0.37	CE
D39QLK		6.54	0.11	0.39	6.44	0.04	0.14	TO
FFA4VF		6.70	0.27	0.94	6.85	0.45	1.49	TO
FV4UCB		6.62	0.19	0.65	6.70	0.30	0.98	DY
H4T6YB	X	6.39	-0.03	-0.11	7.59	1.19	3.94	CE
HDTVDR	X	7.55	1.12	3.86	7.36	0.96	3.16	TO

WebCode	Data Flag	Sample X11 Lab Mean	Sample X11 Diff from Grand Mean	Sample X11 CPV	Sample X12 Lab Mean	Sample X12 Diff from Grand Mean	Sample X12 CPV	Instr Code
HPC8VV		6.77	0.35	1.19	6.74	0.35	1.14	CE
HUHXZM		6.68	0.25	0.87	6.60	0.20	0.65	GO
J2L3T7		6.57	0.14	0.50	6.61	0.21	0.70	TO
J487Z4		5.96	-0.47	-1.61	5.95	-0.45	-1.50	CE
JLMF26		6.95	0.52	1.78	6.97	0.57	1.89	TO
JR8FEW		6.35	-0.08	-0.26	6.40	0.00	0.01	TO
K43UD8	*	6.40	-0.03	-0.09	6.75	0.35	1.16	CE
KJCXFE		6.51	0.08	0.28	6.39	-0.01	-0.02	GO
KUVARQ		6.54	0.11	0.38	6.59	0.19	0.63	GO
KVPYVK		6.69	0.27	0.92	6.64	0.25	0.81	TO
KY833P	X	4.68	-1.74	-5.98	5.31	-1.09	-3.60	CE
LNKDP3		6.00	-0.43	-1.46	5.75	-0.65	-2.14	TO
MU7TTZ	X	2.32	-4.11	-14.09	2.52	-3.88	-12.80	TM
MWBHV9		5.95	-0.47	-1.62	6.02	-0.38	-1.25	KA
NGCV3L		6.03	-0.40	-1.37	6.25	-0.15	-0.50	WZ
P2E4UP		7.05	0.63	2.16	7.12	0.72	2.37	DY
P4KQAF		6.44	0.02	0.06	6.43	0.03	0.11	TY
PH67DE		6.32	-0.11	-0.36	6.40	0.00	0.01	CE
PKTKY4		5.83	-0.59	-2.04	5.83	-0.57	-1.88	TO
PMHRN7		6.45	0.02	0.08	6.40	0.00	0.01	WZ
Q36P38		6.00	-0.43	-1.46	6.10	-0.30	-1.00	WZ
Q3P98D		6.62	0.19	0.66	6.53	0.13	0.44	XX
QPHJNH		6.39	-0.03	-0.11	6.39	-0.01	-0.03	XX
QT6YL7	X	14.86	8.44	28.93	15.13	8.73	28.82	TO
QV8YJG		6.34	-0.09	-0.29	6.27	-0.13	-0.43	QT
R3ZR6G		6.46	0.04	0.12	6.60	0.20	0.66	TO
RUBXV6		6.40	-0.03	-0.09	6.40	0.00	0.01	TO
T3JRPX		6.53	0.10	0.36	6.45	0.05	0.16	TO
T7GHPH		6.49	0.06	0.22	6.47	0.07	0.22	WZ
TGYTK3	X	7.27	0.84	2.90	6.70	0.30	1.00	TO
TNWP3Y		6.00	-0.43	-1.46	6.05	-0.35	-1.15	WZ
TRGC2E		6.30	-0.13	-0.43	6.35	-0.05	-0.16	WZ
TVJD3B		6.55	0.12	0.43	6.52	0.12	0.39	WZ
U26PEJ		6.33	-0.10	-0.34	6.26	-0.14	-0.47	TO
UCY4EF		5.92	-0.51	-1.75	5.79	-0.61	-2.01	WZ

WebCode	Data Flag	Sample X11 Lab Mean	Sample X11 Diff from Grand Mean	Sample X11 CPV	Sample X12 Lab Mean	Sample X12 Diff from Grand Mean	Sample X12 CPV	Instr Code
UL9BGA		6.38	-0.04	-0.15	6.39	-0.01	-0.04	KA
UUJUDE		6.60	0.17	0.60	6.55	0.15	0.50	WZ
VVUUCU		6.45	0.02	0.08	6.58	0.18	0.60	TO
W2EETF	X	14.79	8.36	28.68	15.71	9.31	30.74	TO
W84W9C		6.09	-0.34	-1.16	6.08	-0.32	-1.06	XX
W9GLCN		6.95	0.52	1.80	6.99	0.59	1.95	DY
X9V8J6		6.55	0.12	0.41	6.22	-0.18	-0.60	GO
XCVHE6		6.30	-0.13	-0.43	6.25	-0.15	-0.49	TO
XPX78Y		6.40	-0.02	-0.08	6.37	-0.03	-0.09	DY
XYMXUQ		6.51	0.08	0.29	6.52	0.12	0.40	TO
Y6Q7UR		6.40	-0.03	-0.09	6.45	0.05	0.17	TO
YFAFK8		6.89	0.47	1.60	6.78	0.38	1.26	KA
YHD9GQ		6.54	0.11	0.39	6.58	0.19	0.61	TO
YTD2KB		6.20	-0.23	-0.77	6.05	-0.35	-1.15	WZ
Z9JMJQ		6.30	-0.13	-0.43	6.15	-0.25	-0.82	TO
ZACDUC		6.55	0.12	0.43	6.40	0.00	0.01	TO
ZGZ2Q3		6.50	0.07	0.24	6.60	0.20	0.65	GO
ZU3PHW		6.45	0.02	0.08	6.45	0.05	0.17	CE
ZVGW6E		6.76	0.34	1.16	6.61	0.21	0.69	TO
ZW7K4K		6.32	-0.11	-0.38	6.22	-0.18	-0.59	TO
ZYFAR4	X	2.00	-4.43	-15.17	2.09	-4.31	-14.24	TO

Summary Statistics

	Sample X11	Sample X12
Grand Means	6.425 grams/10 mins	6.398 grams/10 mins
Stnd Dev Btwn Labs	0.292 grams/10 mins	0.303 grams/10 mins

Statistics based on 78 of 91 reporting participants

Sample X11: LDPE & Sample X12: LDPE

Comments on Assigned Data Flags for Test #750

22ZJEA (X) - Data for sample X12 are low.
W2EETF (X) - Extreme data. Lab may have used incorrect test temperature.
TGYTK3 (X) - Data for sample X11 are high.
QT6YL7 (X) - Extreme Data. Lab may have used incorrect test temperature.
AA4J6N (X) - Extreme Data. Lab may have used incorrect test temperature.
ZYFAR4 (X) - Data for both samples are low.
MU7TTZ (X) - Data for both samples are low.
ADLQMW (X) - Data for sample X12 are low.
9G8ARZ (X) - Data for sample X12 are low.
HDTVDR (X) - Data for both samples are high. Possible Systematic Error.
KY833P (X) - Data for both samples are low. Possible Systematic Error.
H4T6YB (X) - Data for sample X12 are high. Inconsistent within the determinations of sample X11.
7RYMFN (X) - Extreme Data. Lab may have used incorrect test temperature.

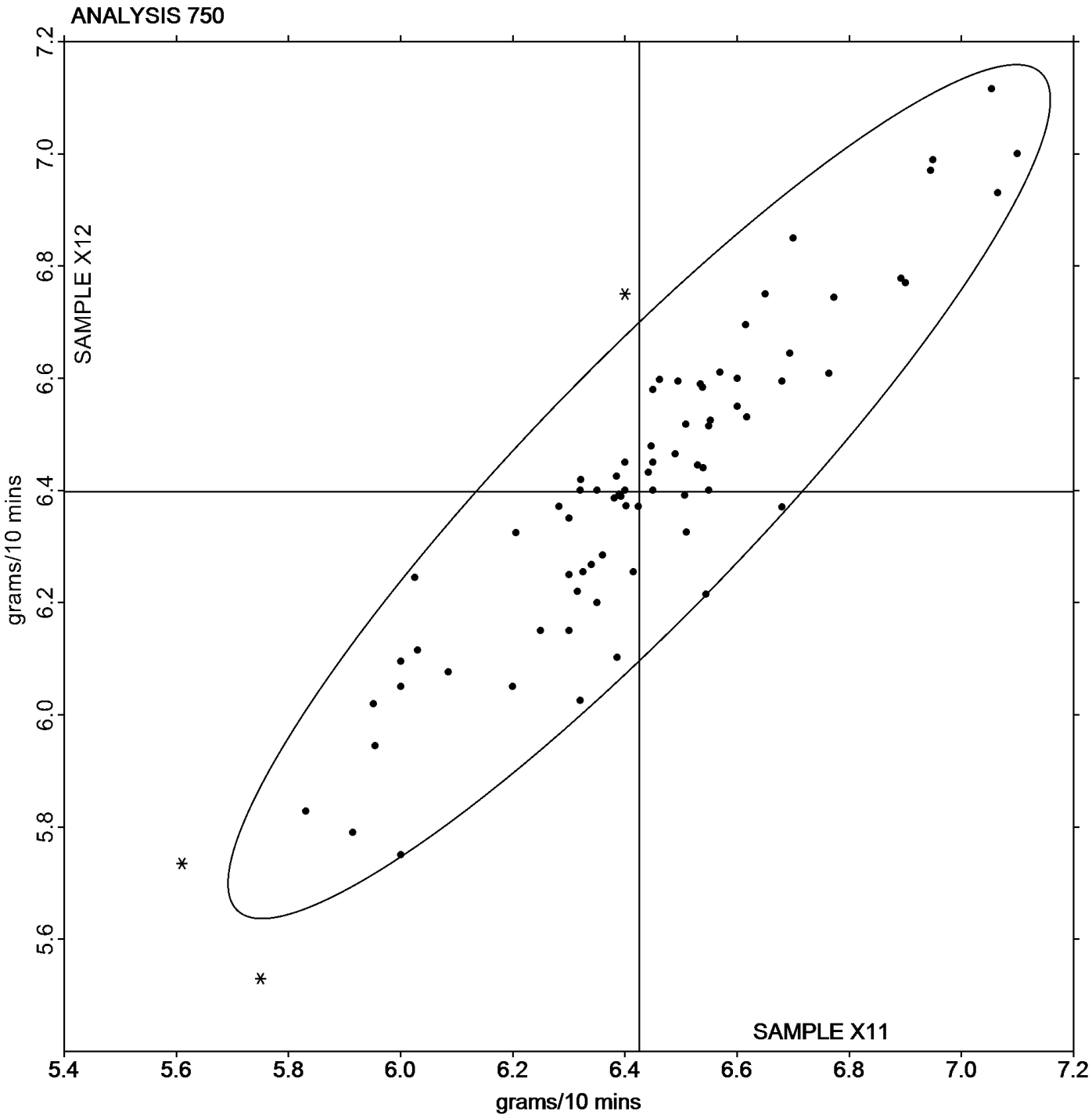
Results by Methodology (as reported by laboratory)

	Sample X11 *LDPE*			Sample X12 *LDPE*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Procedure A of ASTM D1238	6.409	0.316	-0.016	6.373	0.306	-0.025	31/40
Procedure B of ASTM D1238	6.423	0.273	-0.002	6.435	0.251	0.037	21/21
Procedure A of ISO 1133	6.479	0.310	0.053	6.445	0.385	0.047	15/18
Procedure B of ISO 1133	6.440	0.239	0.015	6.355	0.288	-0.043	10/11

Key to Instrument Codes Reported by Participants

CE Ceast
DY Dynisco
GO Gottfert
KA Kayeness
QT Qualitest
TM TMI
TO Tinius Olsen
TY Toyoseiki Seisakusho
WZ Zwick
XX Instrument manufacturer not specified by lab

Grand Mean Sample X11: 6.4253 grams/10 mins Grand Mean Sample X12: 6.3979 grams/10 mins



WebCode	Data Flag	Sample Y11 Lab Mean	Sample Y11 Diff from Grand Mean	Sample Y11 CPV	Sample Y12 Lab Mean	Sample Y12 Diff from Grand Mean	Sample Y12 CPV	Instr Code
29X9VE		0.17777	0.00669	0.25	0.17700	0.00307	0.13	AZ
3CV8MH	*	0.19500	0.02392	0.89	0.22500	0.05107	2.17	MU
3HHYWW		0.14667	-0.02441	-0.91	0.14567	-0.02827	-1.20	BA
77D9JE		0.18785	0.01677	0.63	0.18787	0.01393	0.59	MJ
7LDRJQ		0.17467	0.00359	0.13	0.17067	-0.00327	-0.14	MU
7M3ZMZ		0.14533	-0.02575	-0.96	0.13767	-0.03627	-1.54	XX
7Q44EM	X	0.06910	-0.10198	-3.81	0.06930	-0.10463	-4.44	CT
7U689U		0.16400	-0.00708	-0.26	0.17417	0.00023	0.01	AZ
7YGDLF		0.18203	0.01095	0.41	0.18033	0.00640	0.27	CT
8YV47K		0.14020	-0.03088	-1.15	0.15993	-0.01400	-0.59	BA
8ZMVHQ		0.18647	0.01539	0.57	0.19373	0.01980	0.84	AZ
9G8ARZ		0.12200	-0.04908	-1.83	0.13133	-0.04260	-1.81	CT
A4CGXH		0.17500	0.00392	0.15	0.18000	0.00607	0.26	MU
AW2YNW	*	0.10167	-0.06941	-2.59	0.10767	-0.06627	-2.81	CT
BR3VFB		0.15467	-0.01641	-0.61	0.15267	-0.02127	-0.90	MU
CNDBLQ		0.19333	0.02225	0.83	0.20333	0.02940	1.25	MU
CZR73B		0.17167	0.00059	0.02	0.18433	0.01040	0.44	MU
F4JAK8		0.18300	0.01192	0.44	0.19733	0.02340	0.99	CS
FFA4VF		0.17500	0.00392	0.15	0.17433	0.00040	0.02	MU
FV4UCB		0.18250	0.01142	0.43	0.18103	0.00710	0.30	BA
H4T6YB		0.21167	0.04059	1.52	0.18800	0.01407	0.60	MU
HPC8VV		0.18287	0.01179	0.44	0.18733	0.01340	0.57	MK
J487Z4		0.14797	-0.02311	-0.86	0.14740	-0.02653	-1.13	MU
JR8FEW		0.16867	-0.00241	-0.09	0.16900	-0.00493	-0.21	XX
L2BANE		0.17567	0.00459	0.17	0.16700	-0.00693	-0.29	CT
L4WUUJ		0.18270	0.01162	0.43	0.16583	-0.00810	-0.34	MD
PMHRN7	X	0.16000	-0.01108	-0.41	0.22750	0.05357	2.28	ML
QPHJNH		0.16433	-0.00675	-0.25	0.17400	0.00007	0.00	XX
TRGC2E		0.17733	0.00625	0.23	0.17167	-0.00227	-0.10	MK
TUNUZA		0.17863	0.00755	0.28	0.18733	0.01340	0.57	MU
U26PEJ		0.17853	0.00745	0.28	0.17730	0.00337	0.14	ML
U2YFHC		0.15643	-0.01465	-0.55	0.16657	-0.00737	-0.31	AZ
UGHYJT	*	0.24700	0.07592	2.83	0.21800	0.04407	1.87	SA
ULPUUF	M	0.17700	0.00592	0.22	No data reported for this sample			XX
ZQ4DMW	*	0.12500	-0.04608	-1.72	0.16300	-0.01093	-0.46	SB

WebCode	Data Flag	Sample Y11 Lab Mean	Sample Y11 Diff from Grand Mean	Sample Y11 CPV	Sample Y12 Lab Mean	Sample Y12 Diff from Grand Mean	Sample Y12 CPV	Instr Code
ZYFAR4		0.19000	0.01892	0.71	0.19333	0.01940	0.82	AZ

Summary Statistics

	Sample Y11	Sample Y12
Grand Means	0.171079 Percent	0.173934 Percent
Stnd Dev Btwn Labs	0.026789 Percent	0.023544 Percent

Statistics based on 33 of 36 reporting participants

Sample Y11: ABS & Sample Y12: ABS

Comments on Assigned Data Flags for Test #755

PMHRN7 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample Y12.

ULPUUF (M) - Participant did not submit data for sample Y12.

7Q44EM (X) - Data for both samples are low. Possible Systematic Error.

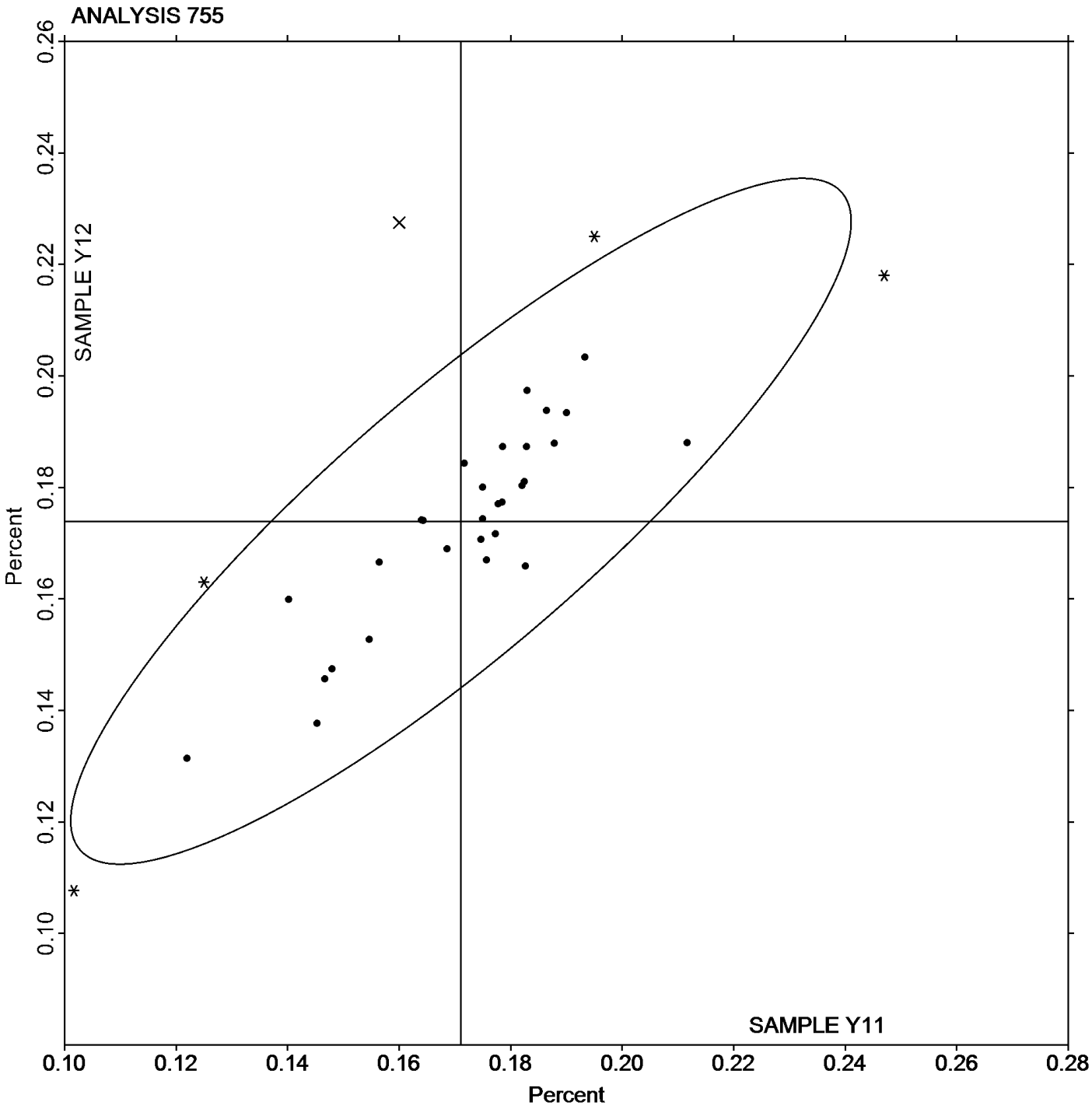
Results by Methodology (as reported by laboratory)

Test Methodology	Sample Y11 ABS Group Mean	Sample Y11 ABS Btwn Lab STD	Sample Y11 ABS Diff from GM	Sample Y12 ABS Group Mean	Sample Y12 ABS Btwn Lab STD	Sample Y12 ABS Diff from GM	Labs Incl / Rpt
ASTM D6869	0.173042	0.022870	0.0020	0.173406	0.021208	-0.0005	12/13
ISO 15512 Method B	0.181796	0.006658	0.0107	0.181956	0.009780	0.0080	3/3
ASTM D6980	0.167875	0.045169	-0.0032	0.174854	0.039247	0.0009	8/9
ASTM D7191	0.169754	0.013471	-0.0013	0.171663	0.013768	-0.0023	8/8

Key to Instrument Codes Reported by Participants

AZ	Arizona Instruments Moisture Analyzer	BA	Brabender Aquatrac
CS	Cosa Instruments	CT	Computrac Moisture Analyzer
MD	Mettler Toledo DL37	MJ	Mitsubishi KF Analyzer Series
MK	Mitsubishi KF Analyzer CA	ML	Metrohm Coulometer
MU	Mettler Toledo	SA	Sartorius MA30
SB	Sartorius Mark 3	XX	Instrument manufacturer not specified by lab

Grand Mean Sample Y11: 0.17108 Percent Grand Mean Sample Y12: 0.17393 Percent



WebCode	Data Flag	Sample L11 Lab Mean	Sample L11 Diff from Grand Mean	Sample L11 CPV	Sample L12 Lab Mean	Sample L12 Diff from Grand Mean	Sample L12 CPV
244EU7		20.805	0.032	0.45	20.790	-0.003	-0.08
2QJRTL	X	19.865	-0.908	-12.77	19.900	-0.893	-25.73
2W8JV9		20.750	-0.023	-0.32	20.800	0.007	0.21
3CV8MH		20.875	0.102	1.44	20.855	0.062	1.79
62BG2H		20.695	-0.078	-1.09	20.750	-0.043	-1.24
6TWVQT		20.810	0.037	0.52	20.803	0.010	0.30
77D9JE		20.835	0.062	0.88	20.845	0.052	1.50
7LDRJQ		20.830	0.057	0.81	20.825	0.032	0.93
7M3ZMZ		20.740	-0.033	-0.46	20.710	-0.083	-2.39
9G8ARZ		20.800	0.027	0.38	20.800	0.007	0.21
AA4J6N	*	20.575	-0.198	-2.78	20.790	-0.003	-0.08
ABWERW		20.770	-0.003	-0.04	20.805	0.012	0.35
APWDGE	*	20.610	-0.163	-2.29	20.820	0.027	0.78
B8WMYQ		20.790	0.017	0.24	20.810	0.017	0.49
BEBCXY	X	20.545	-0.228	-3.20	20.420	-0.373	-10.75
BMKZBX		20.805	0.032	0.45	20.765	-0.028	-0.80
BR3VFB		20.839	0.066	0.93	20.798	0.006	0.16
D39QLK		20.645	-0.128	-1.80	20.780	-0.013	-0.37
F4JAK8	X	20.445	-0.328	-4.61	20.555	-0.238	-6.86
FFA4VF		20.645	-0.128	-1.80	20.755	-0.038	-1.09
FV4UCB		20.805	0.032	0.45	20.820	0.027	0.78
GTCWYX		20.740	-0.033	-0.46	20.770	-0.023	-0.66
H49GGG		20.780	0.007	0.10	20.795	0.002	0.06
HPC8VV	X	20.600	-0.173	-2.43	20.300	-0.493	-14.21
HUHXZM		20.845	0.072	1.02	20.795	0.002	0.06
J487Z4		20.758	-0.015	-0.21	20.769	-0.024	-0.70
JR8FEW		20.805	0.032	0.45	20.825	0.032	0.93
KKRWY4	X	20.260	-0.513	-7.22	20.050	-0.743	-21.41
KUVARQ	X	20.575	-0.198	-2.78	20.605	-0.188	-5.41
L4WUUJ		20.820	0.047	0.67	20.765	-0.028	-0.80
LNKDP3	X	20.560	-0.213	-2.99	20.890	0.097	2.80
MY2JYB		20.835	0.062	0.88	20.800	0.007	0.21
NGCV3L		20.710	-0.063	-0.88	20.830	0.037	1.07
NKC6B3		20.750	-0.023	-0.32	20.762	-0.031	-0.89
NLVQ8Y		20.685	-0.088	-1.23	20.755	-0.038	-1.09

WebCode	Data Flag	Sample L11 Lab Mean	Sample L11 Diff from Grand Mean	Sample L11 CPV	Sample L12 Lab Mean	Sample L12 Diff from Grand Mean	Sample L12 CPV
PMHRN7		20.710	-0.063	-0.88	20.775	-0.018	-0.52
Q36P38		20.670	-0.103	-1.45	20.715	-0.078	-2.24
Q3P98D	X	20.440	-0.333	-4.68	20.415	-0.378	-10.89
QPHJNH		20.765	-0.008	-0.11	20.755	-0.038	-1.09
QT6YL7		20.850	0.077	1.09	20.780	-0.013	-0.37
R3ZR6G		20.850	0.077	1.09	20.840	0.047	1.36
TNWP3Y		20.805	0.032	0.45	20.770	-0.023	-0.66
TRGC2E		20.840	0.067	0.95	20.860	0.067	1.93
U26PEJ		20.830	0.057	0.81	20.825	0.032	0.93
UL9BGA		20.817	0.044	0.63	20.783	-0.010	-0.30
W2EETF		20.720	-0.053	-0.74	20.810	0.017	0.49
W84W9C		20.795	0.022	0.31	20.740	-0.053	-1.52
W9GLCN		20.805	0.032	0.45	20.820	0.027	0.78
Y6Q7UR		20.835	0.062	0.88	20.805	0.012	0.35
YFAFK8	X	20.660	-0.113	-1.59	20.660	-0.133	-3.83
YHD9GQ		20.705	-0.068	-0.95	20.825	0.032	0.93
ZQ4DMW		20.710	-0.063	-0.88	20.740	-0.053	-1.52
ZVGW6E		20.787	0.014	0.19	20.818	0.025	0.71
ZW7K4K		20.820	0.047	0.67	20.835	0.042	1.21
ZYFAR4		20.880	0.107	1.51	20.790	-0.003	-0.08

Summary Statistics

	Sample L11	Sample L12
Grand Means	20.7727 Percent	20.7929 Percent
Stnd Dev Btwn Labs	0.0711 Percent	0.0347 Percent

Statistics based on 46 of 55 reporting participants

Sample L11: PP & Sample L12: PP

Comments on Assigned Data Flags for Test #757

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

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

HPC8VV (X) - Data for sample L12 are low.

Q3P98D (X) - Data for both samples are low. Inconsistent within the determinations of sample L12.

YFAFK8 (X) - Data for sample L12 are low.

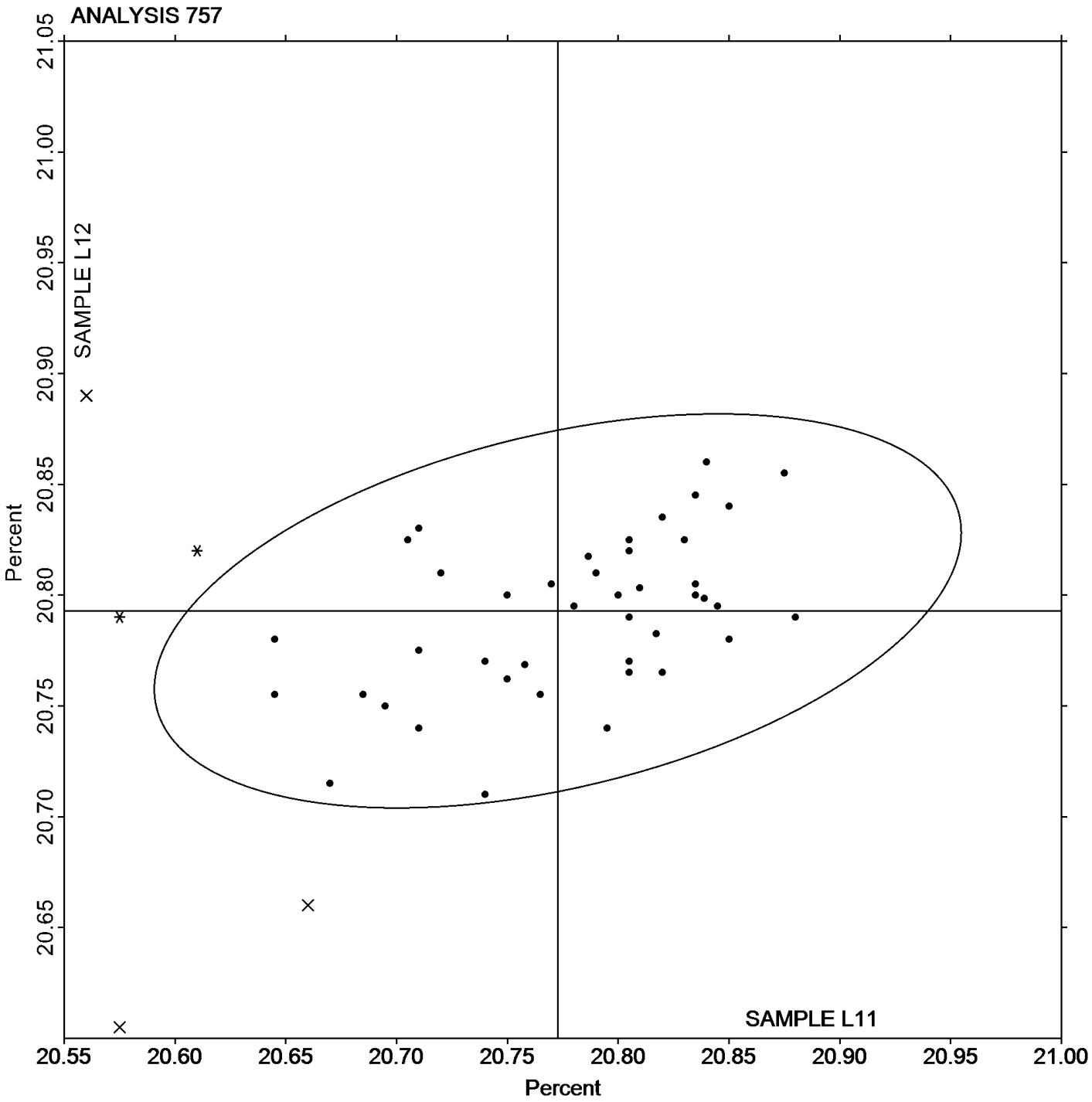
2QJRTL (X) - Data for both samples are low. Inconsistent within the determinations of sample L12.

KKRWY4 (X) - Data for both samples are low. Inconsistent within the determinations of sample L11.

F4JAK8 (X) - Data for both samples are low. Inconsistent within the determinations of both samples.

LNKDP3 (X) - Data for sample L11 are low and data for sample L12 are high.

Grand Mean Sample L11: 20.773 Percent Grand Mean Sample L12: 20.793 Percent



WebCode	Data Flag	Sample A11 Lab Mean	Sample A11 Diff from Grand Mean	Sample A11 CPV	Sample A12 Lab Mean	Sample A12 Diff from Grand Mean	Sample A12 CPV	Instr Code
2QJRTL		70.69	2.49	1.08	70.36	2.33	0.96	MT
3CV8MH		65.51	-2.70	-1.17	65.41	-2.62	-1.08	MT
9D8YWZ		70.76	2.56	1.11	70.42	2.39	0.99	TA
9TK94V		64.26	-3.95	-1.72	63.42	-4.61	-1.90	MT
9XR2RZ		70.20	2.00	0.87	70.35	2.32	0.96	TA
BR3VFB		65.64	-2.56	-1.11	65.66	-2.36	-0.97	TA
DW9BXX		67.45	-0.75	-0.33	68.49	0.46	0.19	NZ
M3JRGJ		70.21	2.00	0.87	70.07	2.05	0.84	TA
NLVQ8Y		70.38	2.17	0.94	70.14	2.11	0.87	TA
Q36P38		67.16	-1.04	-0.45	65.60	-2.43	-1.00	TA
U26PEJ		66.28	-1.93	-0.84	66.22	-1.81	-0.74	TA
UUJUDE		70.43	2.22	0.97	70.12	2.09	0.86	TA
W9GLCN		70.12	1.91	0.83	70.06	2.03	0.84	TA
X9V8J6		65.42	-2.78	-1.21	64.93	-3.10	-1.28	XX
XNHUM9		67.02	-1.19	-0.52	66.66	-1.37	-0.56	TA
XTYWUD		66.01	-2.20	-0.96	66.30	-1.73	-0.71	NZ
Y6Q7UR		70.17	1.96	0.85	70.25	2.22	0.91	TA
ZGZ2Q3		70.01	1.80	0.78	70.06	2.03	0.84	TA

Summary Statistics

	Sample A11	Sample A12
Grand Means	68.204 Percent	68.027 Percent
Stnd Dev Btwn Labs	2.300 Percent	2.428 Percent

Statistics based on 18 of 18 reporting participants

Sample A11: PBT & Sample A12: PBT

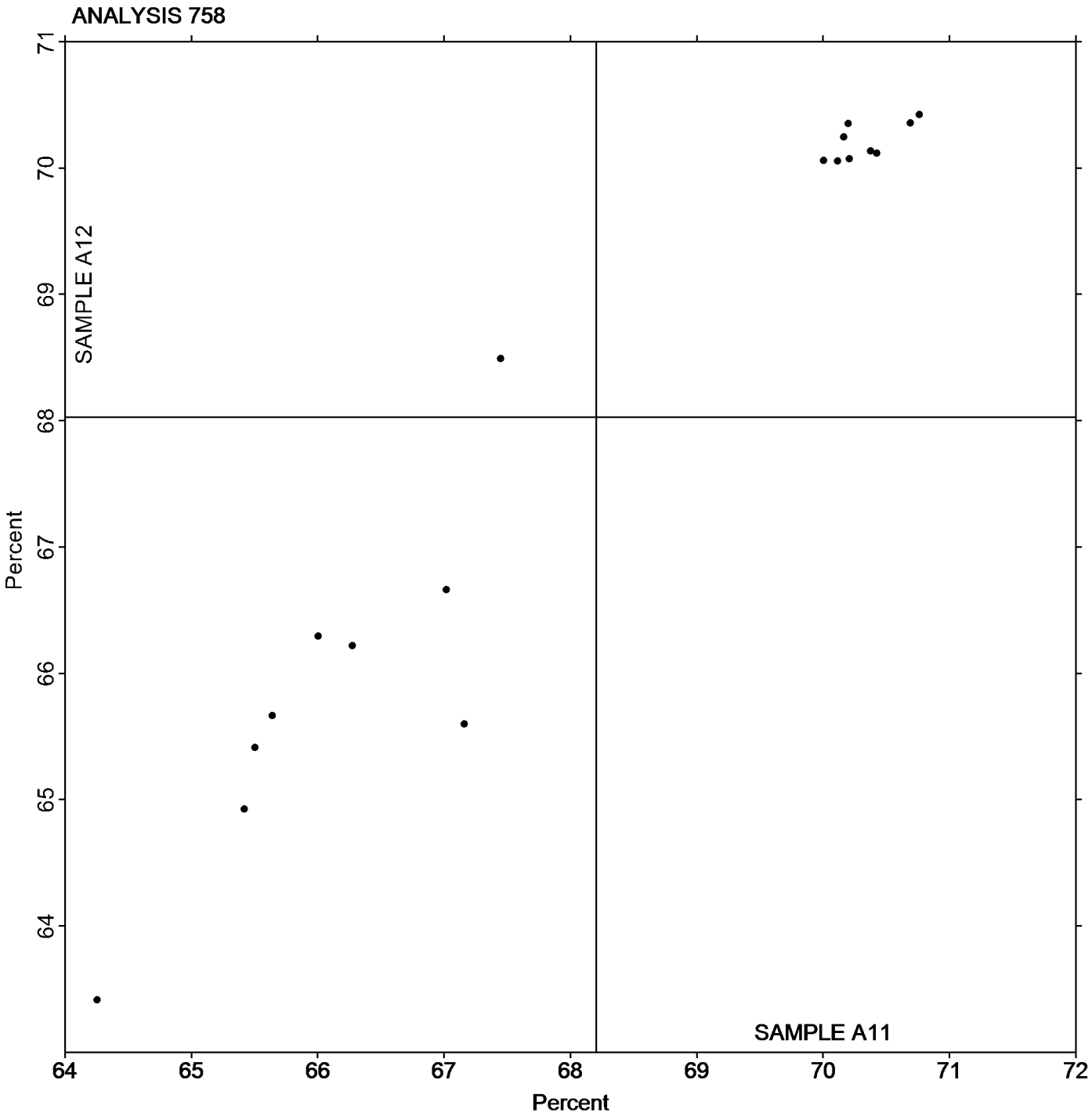
Results by Methodology (as reported by laboratory)

Test Methodology	Sample A11 PBT Group Mean	Sample A11 PBT Btwn Lab STD	Sample A11 PBT Diff from GM	Sample A12 PBT Group Mean	Sample A12 PBT Btwn Lab STD	Sample A12 PBT Diff from GM	Labs Incl / Rpt
ASTM D3850	68.421	2.164	0.22	68.150	2.267	0.12	8/8
ISO 11358	68.024	2.466	-0.18	68.001	2.649	-0.03	8/8

Key to Instrument Codes Reported by Participants

MT Mettler Toledo Instruments
NZ Netzsch Instruments
TA TA Instruments
XX Instrument manufacturer not specified by lab

Grand Mean Sample A11: 68.204 Percent Grand Mean Sample A12: 68.027 Percent



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 W11 Lab Mean	Sample W11 Diff from Grand Mean	Sample W11 CPV	Sample W12 Lab Mean	Sample W12 Diff from Grand Mean	Sample W12 CPV	Instr Code
2QJRTL		117.63	-1.66	-0.47	102.90	-5.80	-1.18	MT
2YC6PZ		122.18	2.89	0.81	113.72	5.02	1.02	MT
3CV8MH		119.90	0.61	0.17	111.73	3.04	0.62	TA
4MCFMV		121.63	2.34	0.66	113.70	5.00	1.02	TA
68CVKX		117.50	-1.79	-0.50	104.00	-4.70	-0.95	NZ
77D9JE		120.13	0.84	0.24	112.23	3.54	0.72	TA
7M3ZMZ	X	106.37	-12.92	-3.64	102.30	-6.40	-1.30	NZ
7YGDLF		126.15	6.86	1.93	118.94	10.24	2.08	TA
9D8YWZ		120.72	1.43	0.40	105.76	-2.94	-0.60	TA
9G8ARZ	X	91.43	-27.86	-7.84	73.08	-35.61	-7.24	PE
9XR2RZ		121.30	2.01	0.57	108.93	0.24	0.05	TA
ADLQMW		119.60	0.31	0.09	105.42	-3.27	-0.67	TA
CVVJ6G	X	153.54	34.25	9.64	150.12	41.42	8.42	TA
DW9BXX		115.33	-3.96	-1.11	107.57	-1.13	-0.23	NZ
NGCV3L		115.76	-3.53	-0.99	104.38	-4.32	-0.88	TA
NLVQ8Y		119.73	0.44	0.12	109.56	0.86	0.17	TA
P2E4UP		115.96	-3.33	-0.94	106.29	-2.40	-0.49	TA
PND8XH		117.10	-2.19	-0.62	109.33	0.64	0.13	PE
Q36P38		118.44	-0.85	-0.24	104.25	-4.44	-0.90	TA
Q3P98D		126.38	7.09	1.99	117.81	9.11	1.85	TA
QPHJNH		114.33	-4.96	-1.40	103.19	-5.51	-1.12	TA
R8HMAU		117.43	-1.86	-0.52	104.30	-4.39	-0.89	TA
TUNUZA		121.27	1.98	0.56	112.60	3.90	0.79	TA
W84W9C		123.90	4.61	1.30	113.44	4.75	0.96	TA
W9GLCN		121.84	2.55	0.72	112.65	3.96	0.80	TA
WBJL7U	*	108.86	-10.43	-2.93	96.74	-11.95	-2.43	SH
X9V8J6		118.87	-0.42	-0.12	108.51	-0.18	-0.04	TA
XNHUM9		118.13	-1.16	-0.33	108.19	-0.51	-0.10	TA
XTYWUD		120.00	0.71	0.20	106.27	-2.43	-0.49	NZ
Y6Q7UR		120.40	1.11	0.31	113.13	4.44	0.90	TA
ZGZ2Q3		119.68	0.39	0.11	107.96	-0.74	-0.15	TA

Summary Statistics

	Sample W11	Sample W12
Grand Means	119.291 Degrees Celsius	108.697 Degrees Celsius
Stnd Dev Btwn Labs	3.555 Degrees Celsius	4.921 Degrees Celsius

Statistics based on 28 of 31 reporting participants

Sample W11: PP & Sample W12: PP

Comments on Assigned Data Flags for Test #760

7M3ZMZ (X) - Data for sample W11 are low. Inconsistent within the determinations of sample W12.

9G8ARZ (X) - Data for both samples are low. Inconsistent within the determinations of both samples.

CVVJ6G (X) - Data for both samples are high.

Key to Instrument Codes Reported by Participants

MT Mettler Toledo Instruments

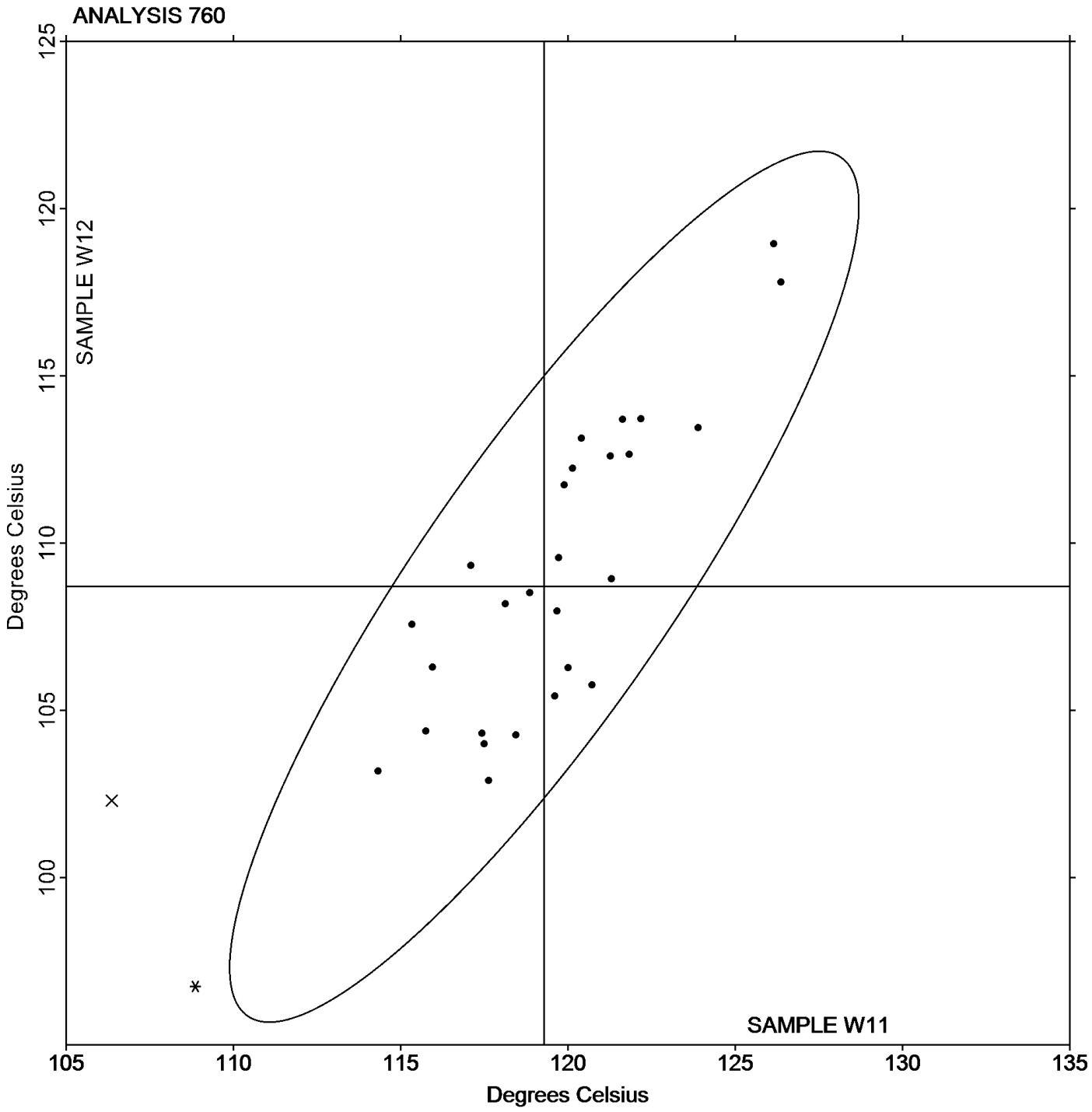
NZ Netzsch Instruments

PE Perkins Elmer Instruments

SH Shimadzu

TA TA Instruments

Grand Mean Sample W11: 119.29 Degrees Celsius Grand Mean Sample W12: 108.70 Degrees Celsius



WebCode	Data Flag	Sample W11 Lab Mean	Sample W11 Diff from Grand Mean	Sample W11 CPV	Sample W12 Lab Mean	Sample W12 Diff from Grand Mean	Sample W12 CPV	Instr Code
2QJRTL		163.93	-1.51	-0.76	165.07	-0.53	-0.27	XX
2YC6PZ		165.58	0.14	0.07	165.32	-0.28	-0.14	MT
3CV8MH		164.57	-0.87	-0.44	163.93	-1.67	-0.86	TA
3HHYWW		161.80	-3.64	-1.83	162.30	-3.30	-1.70	TA
4MCFMV		163.37	-2.07	-1.04	163.47	-2.13	-1.10	TA
68CVKX		163.57	-1.87	-0.94	164.57	-1.03	-0.53	NZ
77D9JE		164.60	-0.84	-0.42	163.93	-1.67	-0.86	TA
7M3ZMZ		170.17	4.73	2.37	168.23	2.63	1.36	NZ
7YGDLF		166.06	0.62	0.31	166.43	0.83	0.43	TA
9D8YWZ		163.73	-1.71	-0.86	165.01	-0.59	-0.30	TA
9G8ARZ	X	143.56	-21.88	-10.99	142.27	-23.33	-12.02	PE
9TK94V		169.74	4.30	2.16	170.26	4.66	2.40	MT
9XR2RZ		167.20	1.76	0.88	167.87	2.27	1.17	TA
ADLQMW		163.63	-1.81	-0.91	164.26	-1.34	-0.69	TA
CDFA6F		165.56	0.12	0.06	166.03	0.43	0.22	TA
CVVJ6G		163.37	-2.07	-1.04	163.98	-1.62	-0.83	XX
DW9BXX		167.37	1.93	0.97	167.93	2.33	1.20	NZ
HPC8VV		166.10	0.66	0.33	165.33	-0.27	-0.14	TA
NGCV3L		165.24	-0.20	-0.10	164.95	-0.65	-0.33	TA
NLVQ8Y		164.41	-1.03	-0.52	164.20	-1.40	-0.72	TA
P2E4UP		167.72	2.28	1.14	166.79	1.19	0.62	TA
PND8XH		167.14	1.70	0.86	165.90	0.30	0.16	PE
Q36P38		163.63	-1.81	-0.91	165.38	-0.22	-0.11	TA
Q3P98D		165.83	0.39	0.20	164.50	-1.10	-0.56	XX
QPHJNH		163.95	-1.49	-0.75	165.46	-0.14	-0.07	TA
QT6YL7		167.12	1.68	0.84	167.32	1.72	0.89	TA
R8HMAU		165.46	0.02	0.01	167.30	1.70	0.88	TA
TUNUZA		164.73	-0.71	-0.35	166.07	0.47	0.24	TA
U26PEJ		169.17	3.73	1.87	168.34	2.74	1.41	TA
UNFQP2		165.05	-0.39	-0.20	164.58	-1.02	-0.52	SH
W84W9C		164.86	-0.58	-0.29	163.05	-2.55	-1.31	XX
W9GLCN		167.11	1.67	0.84	164.40	-1.20	-0.62	TA
WBJL7U		167.89	2.45	1.23	169.25	3.65	1.88	SH
X9V8J6		162.86	-2.58	-1.29	164.79	-0.81	-0.42	TA
XNHUM9		166.94	1.50	0.75	169.43	3.83	1.97	TA

WebCode	Data Flag	Sample W11 Lab Mean	Sample W11 Diff from Grand Mean	Sample W11 CPV	Sample W12 Lab Mean	Sample W12 Diff from Grand Mean	Sample W12 CPV	Instr Code
XTYWUD		162.73	-2.71	-1.36	163.97	-1.63	-0.84	NZ
Y6Q7UR		163.13	-2.31	-1.16	162.00	-3.60	-1.85	TA
ZGZ2Q3		165.49	0.05	0.03	165.34	-0.26	-0.13	TA
ZVGW6E		165.91	0.47	0.24	165.81	0.21	0.11	TA

Summary Statistics

	Sample W11	Sample W12
Grand Means	165.440 Degrees Celsius	165.599 Degrees Celsius
Stnd Dev Btwn Labs	1.992 Degrees Celsius	1.941 Degrees Celsius

Statistics based on 38 of 39 reporting participants

Sample W11: PP & Sample W12: PP

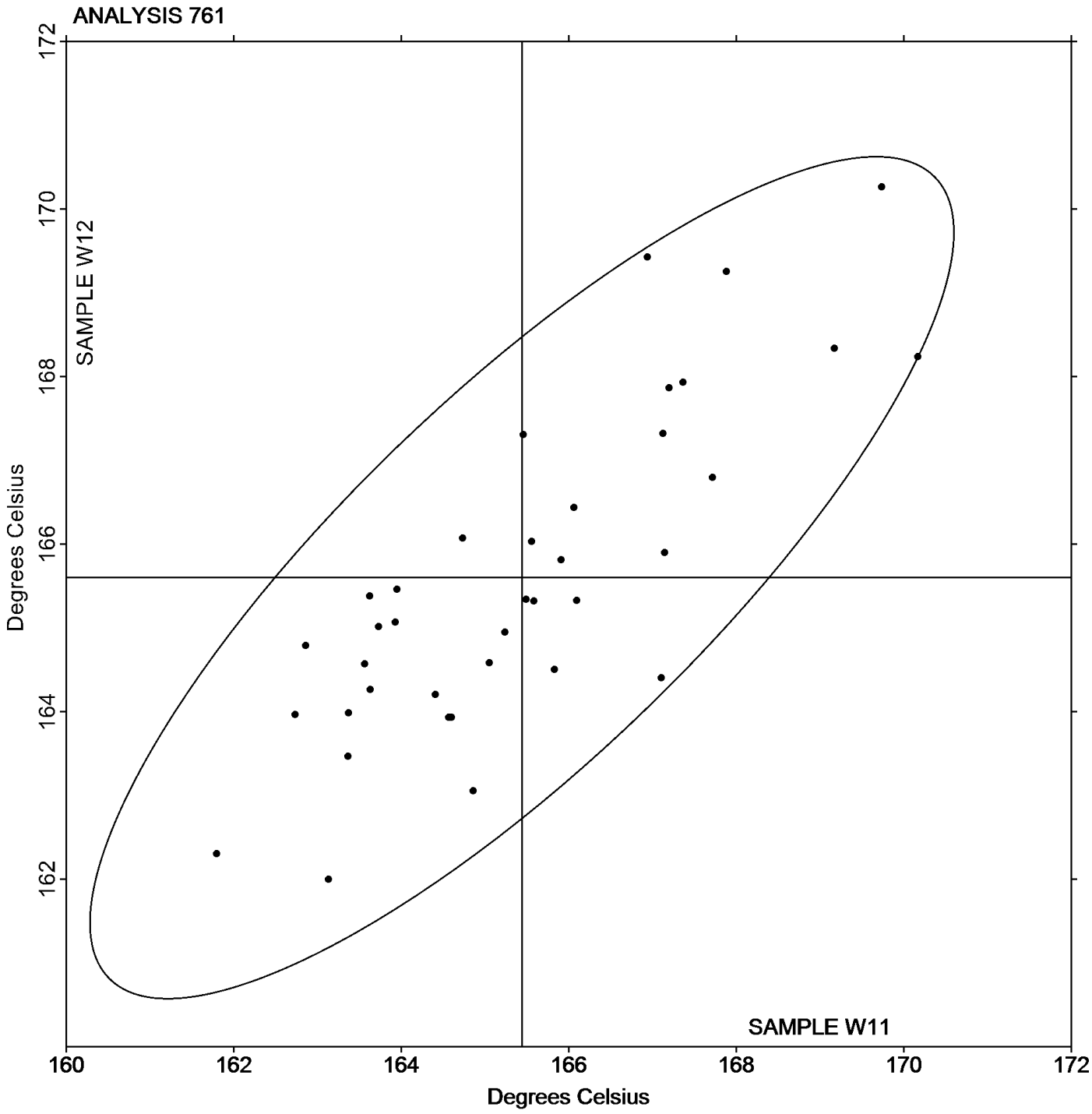
Comments on Assigned Data Flags for Test #761

9G8ARZ (X) - Data for both samples are low. Inconsistent within the determinations of sample W12.

Key to Instrument Codes Reported by Participants

MT	Mettler Toledo Instruments	NZ	Netzsch Instruments
PE	Perkins Elmer Instruments	SH	Shimadzu
TA	TA Instruments	XX	Instrument manufacturer not specified by lab

Grand Mean Sample W11: 165.44 Degrees Celsius Grand Mean Sample W12: 165.60 Degrees Celsius



WebCode	Data Flag	Sample W11 Lab Mean	Sample W11 Diff from Grand Mean	Sample W11 CPV	Sample W12 Lab Mean	Sample W12 Diff from Grand Mean	Sample W12 CPV	Instr Code
2QJRTL		101.23	-1.83	-0.28	93.54	-4.09	-0.65	XX
2YC6PZ		102.18	-0.89	-0.13	87.06	-10.58	-1.68	MT
3CV8MH		105.55	2.48	0.37	102.44	4.81	0.76	TA
4MCFMV		100.90	-2.16	-0.33	91.48	-6.16	-0.98	TA
68CVKX		113.27	10.20	1.53	101.77	4.13	0.66	NZ
77D9JE		108.26	5.20	0.78	103.42	5.78	0.92	TA
7M3ZMZ		88.99	-14.07	-2.12	86.67	-10.97	-1.74	NZ
9D8YWZ		106.40	3.34	0.50	97.97	0.34	0.05	TA
9G8ARZ	X	16.98	-86.08	-12.94	12.34	-85.29	-13.54	PE
9XR2RZ		97.80	-5.26	-0.79	96.00	-1.63	-0.26	TA
ADLQMW		101.97	-1.10	-0.16	95.85	-1.79	-0.28	TA
CVVJ6G		99.13	-3.94	-0.59	93.50	-4.13	-0.66	XX
DW9BXX		104.17	1.10	0.17	100.42	2.79	0.44	NZ
NLVQ8Y		109.18	6.11	0.92	104.79	7.16	1.14	TA
P2E4UP		96.45	-6.61	-0.99	96.53	-1.11	-0.18	TA
PND8XH		94.16	-8.90	-1.34	94.83	-2.81	-0.45	PE
Q36P38		108.09	5.02	0.76	104.25	6.62	1.05	TA
R8HMAU		93.28	-9.78	-1.47	90.05	-7.58	-1.20	TA
TUNUZA		104.67	1.61	0.24	102.54	4.91	0.78	TA
WBJL7U	*	109.47	6.40	0.96	88.59	-9.05	-1.44	SH
X9V8J6		97.64	-5.43	-0.82	98.96	1.32	0.21	TA
XNHUM9		115.37	12.30	1.85	105.91	8.28	1.31	TA
XTYWUD		97.72	-5.34	-0.80	93.59	-4.05	-0.64	NZ
Y6Q7UR		111.63	8.57	1.29	108.64	11.01	1.75	TA
ZGZ2Q3		106.00	2.94	0.44	104.40	6.77	1.07	TA

Summary Statistics

	Sample W11	Sample W12
Grand Means	103.062 Joules Per Gram	97.633 Joules Per Gram
Stnd Dev Btwn Labs	6.650 Joules Per Gram	6.298 Joules Per Gram

Statistics based on 24 of 25 reporting participants

Sample W11: PP & Sample W12: PP

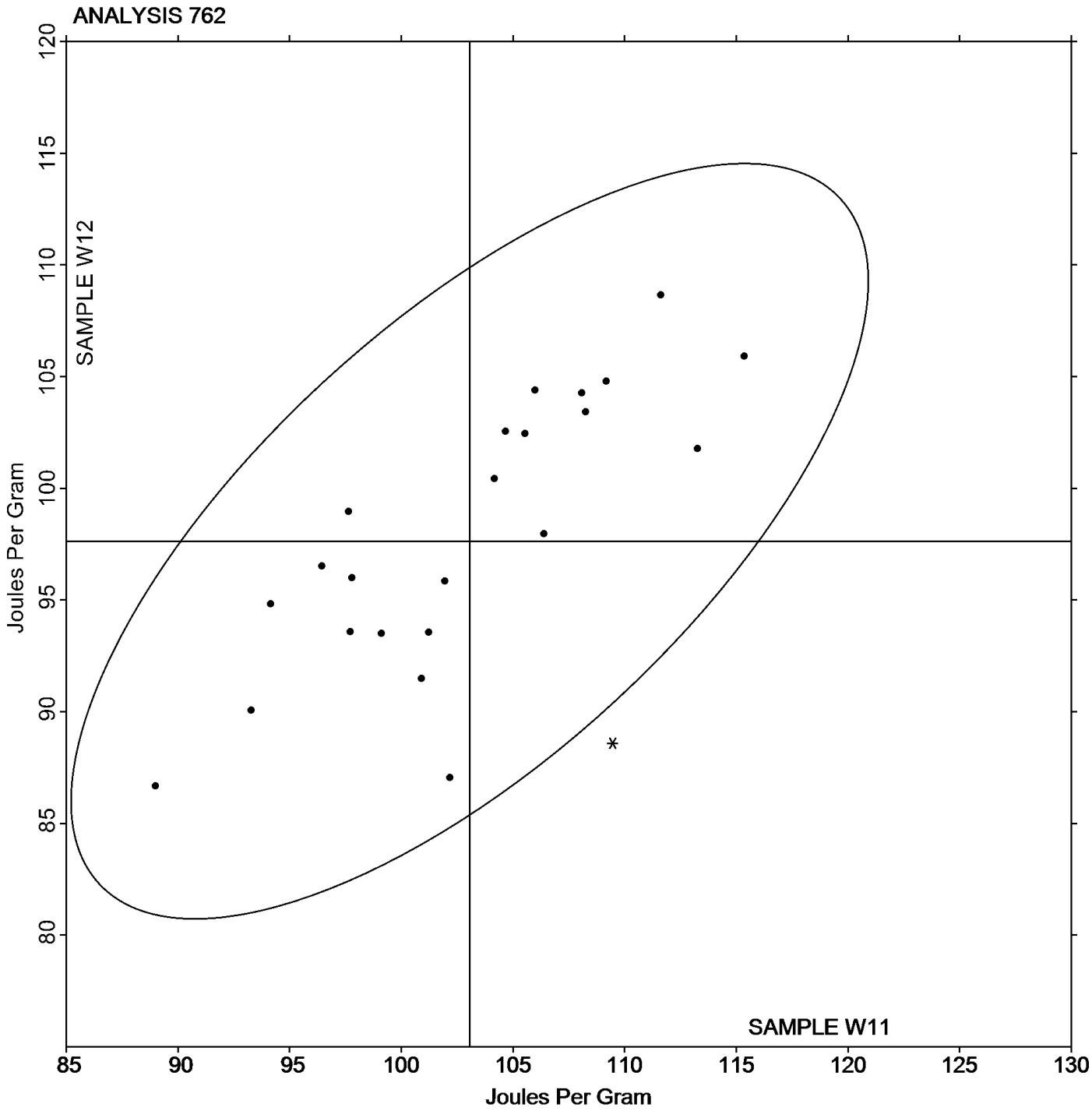
Comments on Assigned Data Flags for Test #762

9G8ARZ (X) - Data for both samples are low.

Key to Instrument Codes Reported by Participants

MT	Mettler Toledo Instruments	NZ	Netzsch Instruments
PE	Perkins Elmer Instruments	SH	Shimadzu
TA	TA Instruments	XX	Instrument manufacturer not specified by lab

Grand Mean Sample W11: 103.06 Joules Per Gram Grand Mean Sample W12: 97.633 Joules Per Gram



WebCode	Data Flag	Sample W11 Lab Mean	Sample W11 Diff from Grand Mean	Sample W11 CPV	Sample W12 Lab Mean	Sample W12 Diff from Grand Mean	Sample W12 CPV	Instr Code
2QJRTL		102.58	-0.07	-0.01	95.74	0.11	0.01	XX
2YC6PZ		99.64	-3.01	-0.37	87.59	-8.04	-0.94	MT
3CV8MH		108.97	6.32	0.77	104.80	9.17	1.07	TA
4MCFMV		98.25	-4.40	-0.54	89.09	-6.54	-0.76	XX
68CVKX		105.93	3.28	0.40	96.20	0.57	0.07	NZ
77D9JE		108.50	5.85	0.72	104.06	8.43	0.98	TA
7M3ZMZ		86.94	-15.71	-1.93	79.20	-16.43	-1.91	NZ
9D8YWZ		105.37	2.72	0.33	89.22	-6.41	-0.75	TA
9G8ARZ	X	24.64	-78.01	-9.56	17.74	-77.89	-9.06	PE
9XR2RZ		87.50	-15.15	-1.86	85.60	-10.03	-1.17	TA
ADLQMW		96.83	-5.82	-0.71	91.03	-4.60	-0.54	TA
CVVJ6G		109.16	6.51	0.80	96.89	1.26	0.15	XX
DW9BXX		103.70	1.05	0.13	93.62	-2.01	-0.23	NZ
NLVQ8Y		109.22	6.57	0.81	109.49	13.86	1.61	TA
P2E4UP		88.81	-13.84	-1.70	88.75	-6.88	-0.80	TA
PND8XH		93.14	-9.52	-1.17	92.36	-3.27	-0.38	PE
Q36P38		111.64	8.99	1.10	105.24	9.61	1.12	TA
R8HMAU		92.80	-9.85	-1.21	88.08	-7.55	-0.88	TA
TUNUZA		105.04	2.39	0.29	99.22	3.59	0.42	TA
WBJL7U	*	107.37	4.72	0.58	84.76	-10.86	-1.26	SH
X9V8J6		102.80	0.15	0.02	95.83	0.20	0.02	TA
XNHUM9		115.70	13.05	1.60	103.45	7.82	0.91	XX
XTYWUD		101.38	-1.27	-0.16	97.37	1.74	0.20	NZ
Y6Q7UR		113.12	10.47	1.28	114.17	18.54	2.16	TA
ZGZ2Q3		109.23	6.58	0.81	103.33	7.70	0.90	TA

Summary Statistics

	Sample W11	Sample W12
Grand Means	102.651 Joules Per Gram	95.629 Joules Per Gram
Stnd Dev Btwn Labs	8.157 Joules Per Gram	8.595 Joules Per Gram

Statistics based on 24 of 25 reporting participants

Sample W11: PP & Sample W12: PP

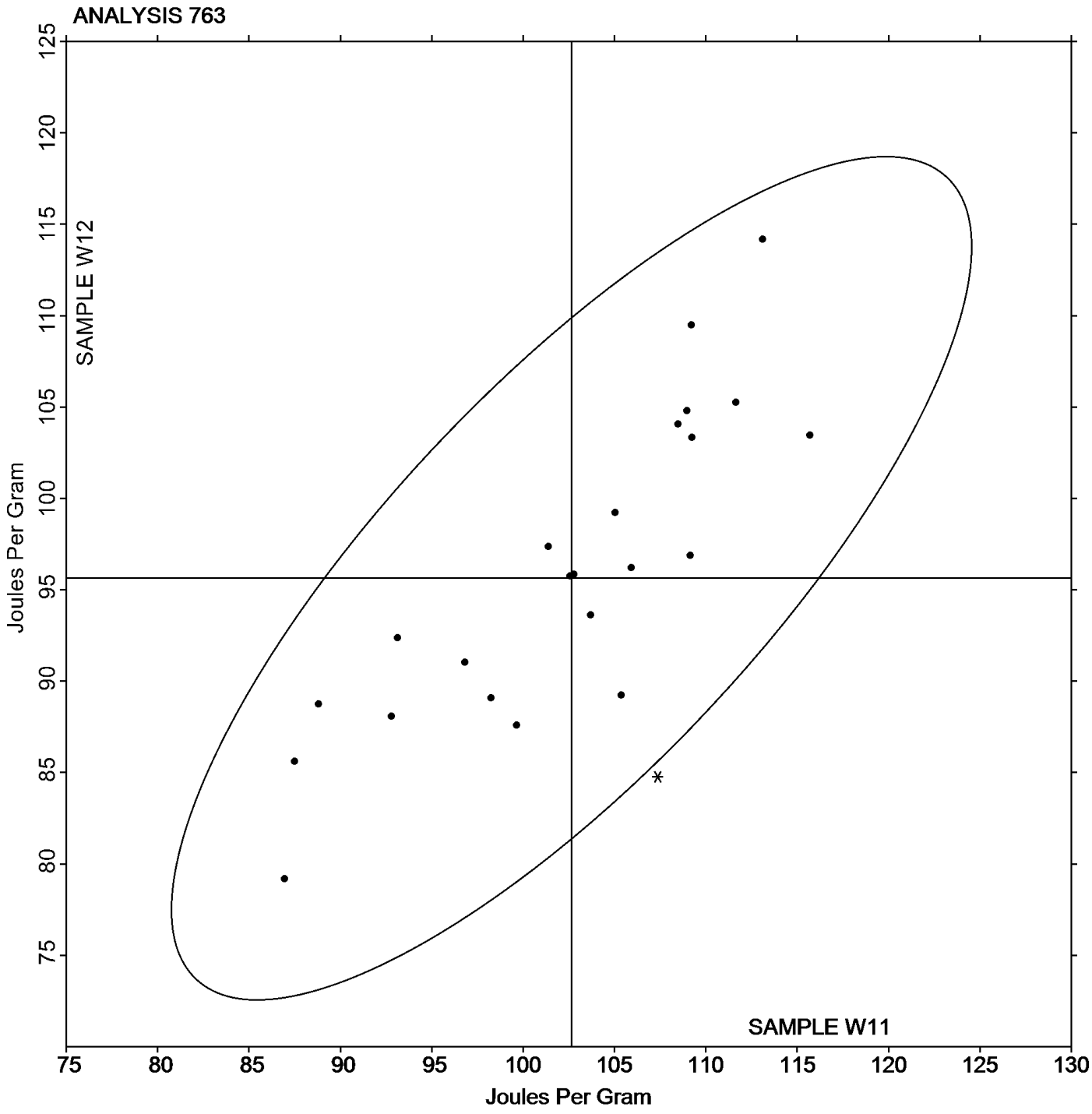
Comments on Assigned Data Flags for Test #763

9G8ARZ (X) - Extreme data.

Key to Instrument Codes Reported by Participants

MT	Mettler Toledo Instruments	NZ	Netzsch Instruments
PE	Perkins Elmer Instruments	SH	Shimadzu
TA	TA Instruments	XX	Instrument manufacturer not specified by lab

Grand Mean Sample W11: 102.65 Joules Per Gram Grand Mean Sample W12: 95.629 Joules Per Gram



WebCode	Data Flag	Sample V11 Lab Mean	Sample V11 Diff from Grand Mean	Sample V11 CPV	Sample V12 Lab Mean	Sample V12 Diff from Grand Mean	Sample V12 CPV	Instr Code
2QJRTL		110.70	3.00	1.23	110.70	2.98	1.15	XX
2YC6PZ		108.20	0.50	0.20	108.30	0.58	0.22	MT
3CV8MH		105.50	-2.20	-0.91	105.40	-2.32	-0.89	TA
4MCFMV		103.96	-3.75	-1.54	104.47	-3.25	-1.26	TA
68CVKX		107.27	-0.44	-0.18	107.63	-0.08	-0.03	NZ
77D9JE		105.40	-2.30	-0.95	105.93	-1.78	-0.69	TA
7M3ZMZ		108.03	0.33	0.14	109.77	2.05	0.79	NZ
7YGDLF		107.22	-0.48	-0.20	107.60	-0.11	-0.04	TA
9D8YWZ		106.66	-1.04	-0.43	106.77	-0.95	-0.37	TA
9G8ARZ	X	94.14	-13.57	-5.59	94.65	-13.07	-5.05	PE
9TK94V		105.47	-2.24	-0.92	104.48	-3.23	-1.25	MT
9XR2RZ		109.87	2.16	0.89	109.20	1.48	0.57	TA
ADLQMW		109.96	2.26	0.93	110.16	2.44	0.94	TA
CDFA6F		110.08	2.37	0.98	109.73	2.01	0.78	TA
CVVJ6G		111.21	3.51	1.45	109.88	2.17	0.84	XX
DW9BXX		108.40	0.70	0.29	108.17	0.45	0.17	NZ
JM3G7R		105.33	-2.37	-0.98	105.77	-1.95	-0.75	TA
NLVQ8Y		105.45	-2.26	-0.93	105.49	-2.23	-0.86	TA
P2E4UP		112.06	4.35	1.79	112.52	4.81	1.86	TA
PND8XH		107.68	-0.02	-0.01	107.02	-0.70	-0.27	PE
Q36P38		110.47	2.77	1.14	110.57	2.86	1.10	TA
QPHJNH		110.55	2.85	1.17	111.55	3.83	1.48	TA
R8HMAU		104.66	-3.05	-1.26	104.38	-3.33	-1.29	TA
TUNUZA		109.10	1.40	0.58	109.97	2.25	0.87	TA
UNFQP2	*	104.49	-3.21	-1.32	102.70	-5.01	-1.94	SH
UUJUDE		109.40	1.70	0.70	108.52	0.81	0.31	TA
WBJL7U		110.69	2.99	1.23	111.15	3.43	1.33	SH
X9V8J6		103.94	-3.76	-1.55	103.81	-3.91	-1.51	TA
XNHUM9		108.68	0.98	0.40	108.90	1.18	0.46	TA
XTYWUD		105.70	-2.00	-0.83	106.20	-1.52	-0.59	NZ
Y6Q7UR		104.50	-3.20	-1.32	104.27	-3.45	-1.33	TA
ZGZ2Q3		108.20	0.50	0.20	108.20	0.48	0.19	TA

Summary Statistics	Sample V11	Sample V12
Grand Means	107.704 Degrees Celsius	107.717 Degrees Celsius
Stnd Dev Btwn Labs	2.427 Degrees Celsius	2.589 Degrees Celsius

Statistics based on 31 of 32 reporting participants

Sample V11: ABS & Sample V12: ABS

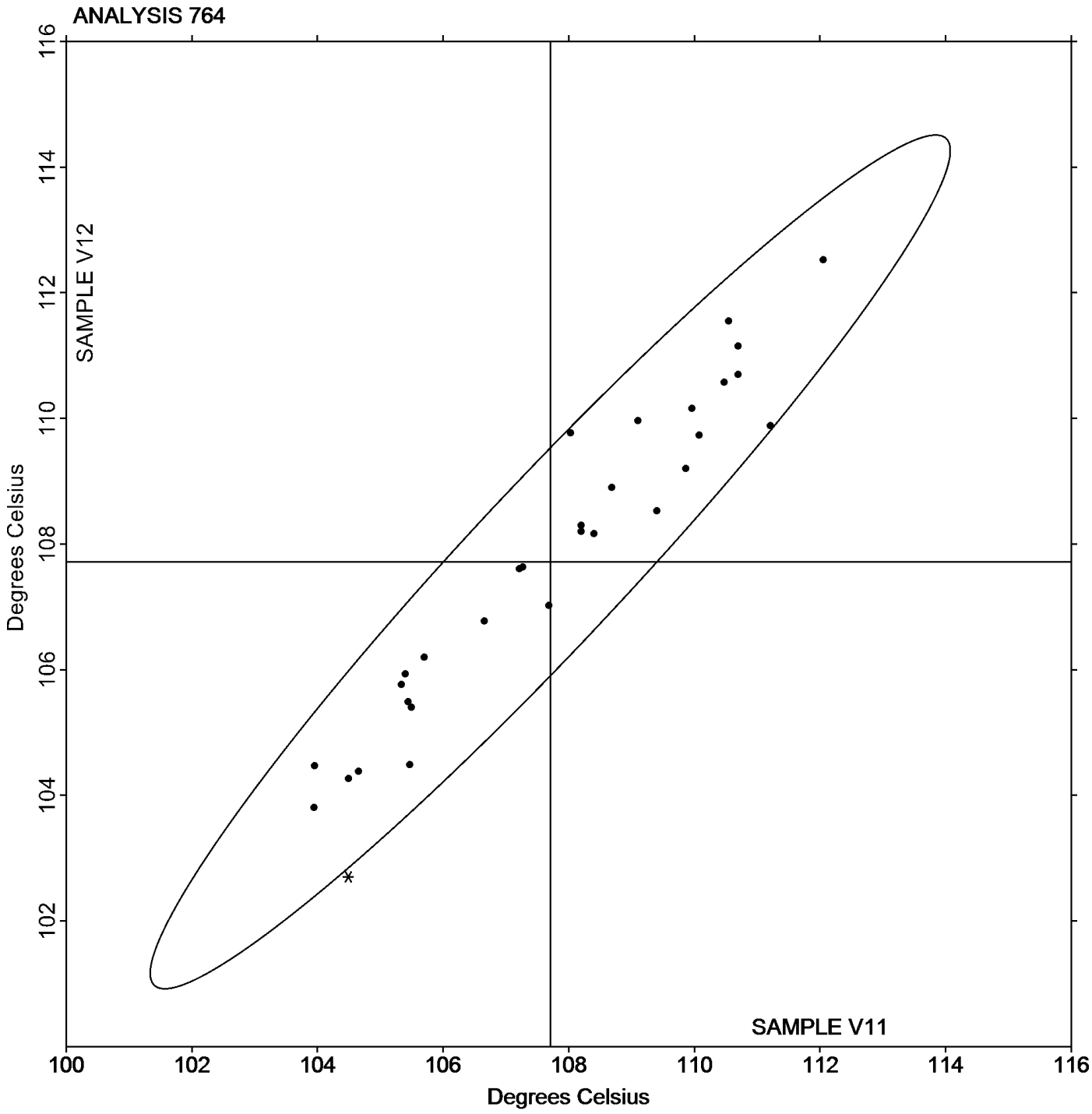
Comments on Assigned Data Flags for Test #764

9G8ARZ (X) - Data for both samples are low. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

MT	Mettler Toledo Instruments	NZ	Netzsch Instruments
PE	Perkins Elmer Instruments	SH	Shimadzu
TA	TA Instruments	XX	Instrument manufacturer not specified by lab

Grand Mean Sample V11: 107.70 Degrees Celsius Grand Mean Sample V12: 107.72 Degrees Celsius



WebCode	Data Flag	Sample W11 Lab Mean	Sample W11 Diff from Grand Mean	Sample W11 CPV	Sample W12 Lab Mean	Sample W12 Diff from Grand Mean	Sample W12 CPV	Instr Code
3CV8MH		119.90	0.18	0.12	111.73	2.21	0.49	TA
4MCFMV		121.63	1.92	1.27	113.70	4.18	0.92	TA
77D9JE		120.13	0.42	0.28	112.23	2.71	0.60	TA
9D8YWZ		120.72	1.01	0.67	105.76	-3.76	-0.83	TA
9XR2RZ		121.30	1.58	1.05	108.93	-0.59	-0.13	TA
CVVJ6G	X	169.59	49.88	33.03	169.72	60.20	13.27	XX
JR8FEW		117.37	-2.35	-1.56	118.50	8.98	1.98	TA
Q36P38		118.44	-1.28	-0.85	104.25	-5.27	-1.16	TA
R8HMAU		117.43	-2.29	-1.52	104.30	-5.22	-1.15	TA
XTYWUD		120.57	0.85	0.56	107.83	-1.69	-0.37	NZ
ZGZ2Q3		119.68	-0.04	-0.02	107.96	-1.56	-0.34	TA

Summary Statistics

	Sample W11	Sample W12
Grand Means	119.717 Degrees Celsius	109.521 Degrees Celsius
Stnd Dev Btwn Labs	1.510 Degrees Celsius	4.535 Degrees Celsius

Statistics based on 10 of 11 reporting participants

Sample W11: PP & Sample W12: PP

Comments on Assigned Data Flags for Test #765

CVVJ6G (X) - Data for both samples are high. Inconsistent within the determinations of sample W12.

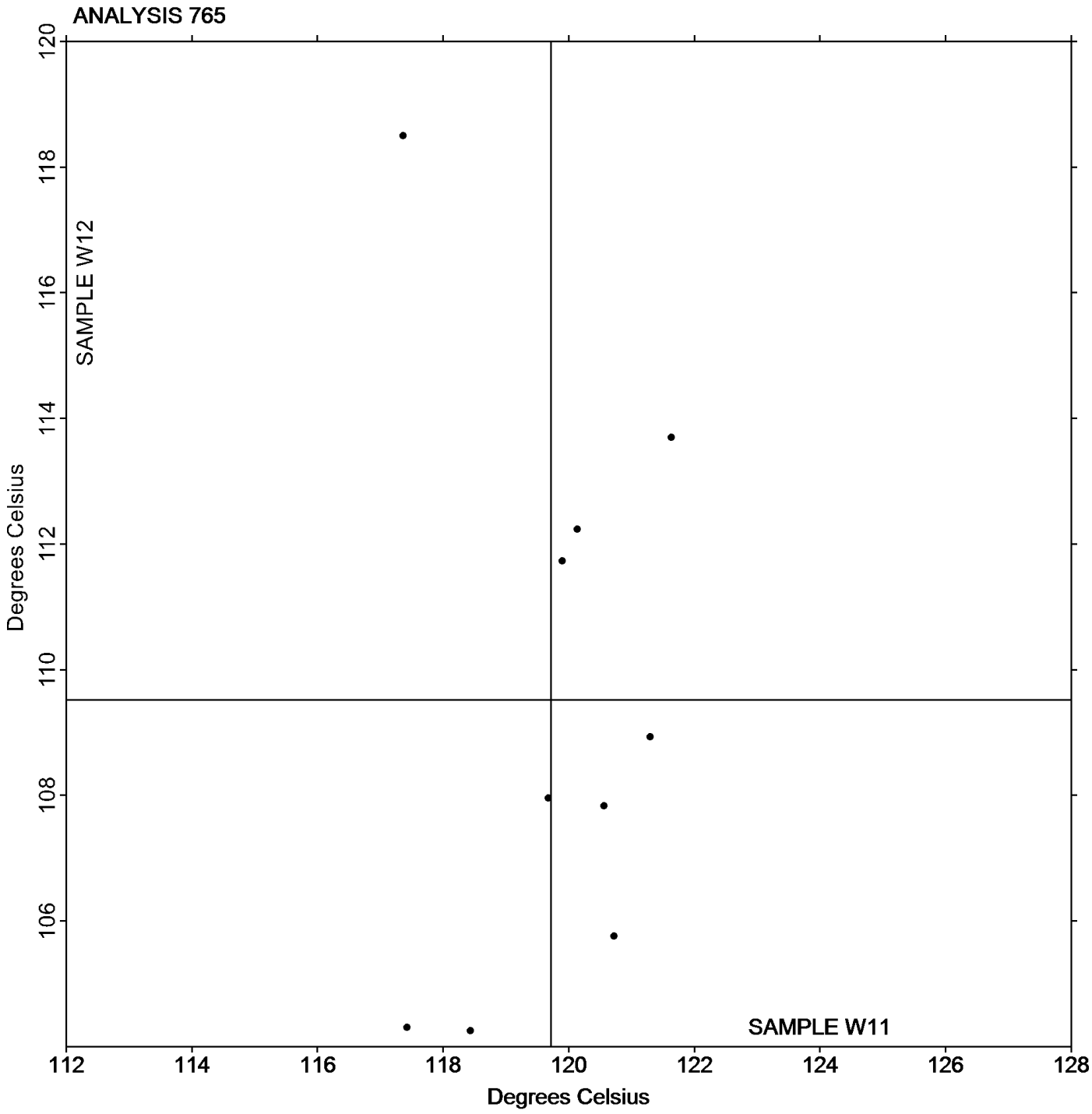
Key to Instrument Codes Reported by Participants

NZ Netzsch Instruments

TA TA Instruments

XX Instrument manufacturer not specified by lab

Grand Mean Sample W11: 119.72 Degrees Celsius Grand Mean Sample W12: 109.52 Degrees Celsius



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 W11 Lab Mean	Sample W11 Diff from Grand Mean	Sample W11 CPV	Sample W12 Lab Mean	Sample W12 Diff from Grand Mean	Sample W12 CPV	Instr Code
3CV8MH		164.57	-0.33	-0.15	163.93	-1.13	-0.64	TA
4MCFMV		163.37	-1.53	-0.69	163.47	-1.59	-0.91	TA
77D9JE		164.60	-0.29	-0.13	163.93	-1.13	-0.64	XX
9D8YWZ		163.73	-1.16	-0.52	165.01	-0.05	-0.03	TA
9XR2RZ		167.20	2.31	1.04	167.83	2.77	1.59	TA
CVVJ6G		163.37	-1.52	-0.68	163.65	-1.41	-0.81	XX
JR8FEW		162.53	-2.36	-1.06	162.40	-2.66	-1.52	TA
Q36P38		163.63	-1.27	-0.57	165.38	0.32	0.18	TA
R8HMAU		165.46	0.57	0.25	167.30	2.24	1.28	TA
XTYWUD		162.93	-1.96	-0.88	163.87	-1.19	-0.68	NZ
ZDDGLY		170.83	5.94	2.67	167.83	2.77	1.59	TA
ZGZ2Q3		165.49	0.60	0.27	165.34	0.28	0.16	TA
ZVGW6E		165.91	1.02	0.46	165.81	0.75	0.43	TA

Summary Statistics

	Sample W11	Sample W12
Grand Means	164.894 Degrees Celsius	165.059 Degrees Celsius
Stnd Dev Btwn Labs	2.227 Degrees Celsius	1.749 Degrees Celsius

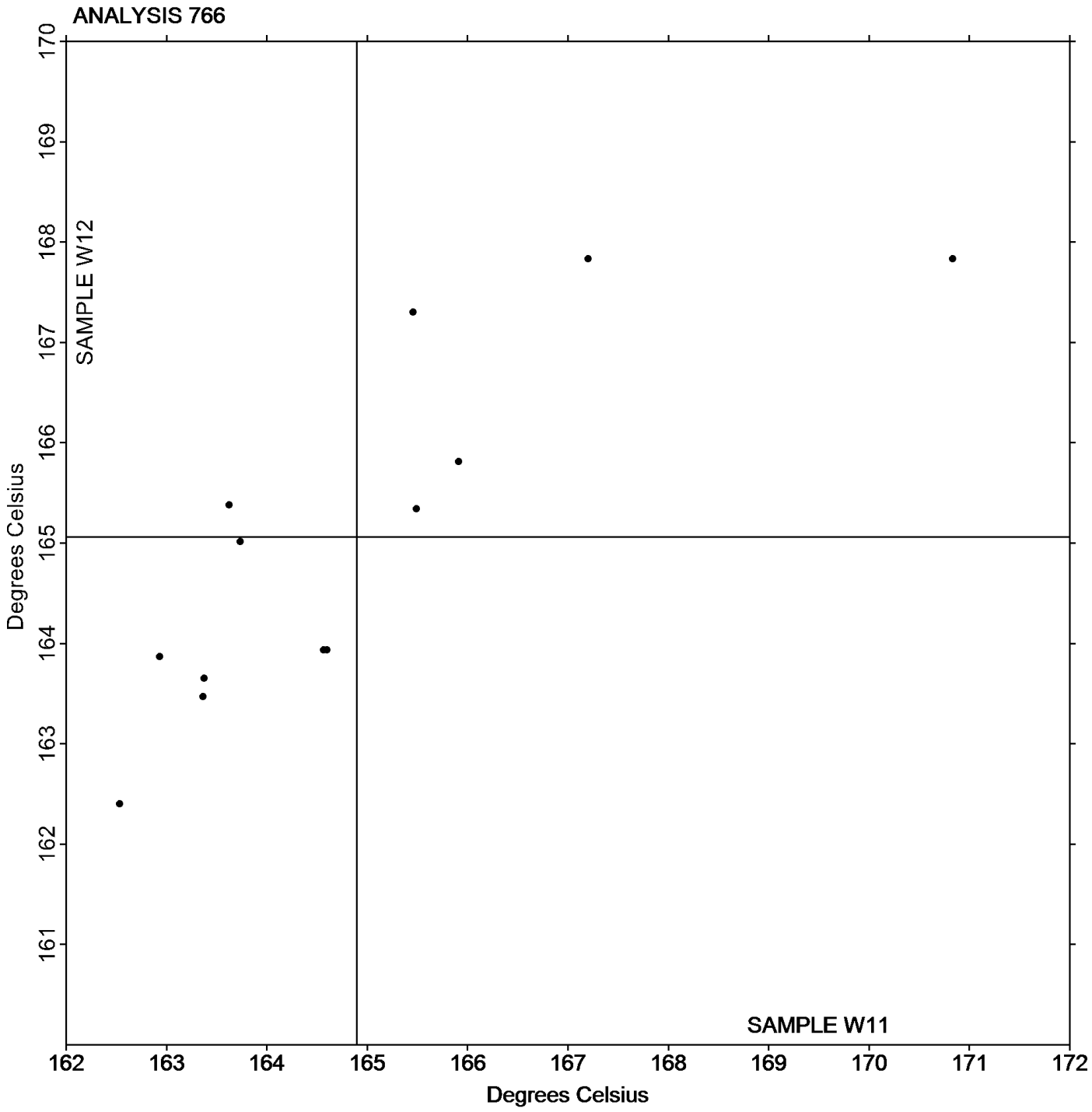
Statistics based on 13 of 13 reporting participants

Sample W11: PP & Sample W12: PP

Key to Instrument Codes Reported by Participants

NZ Netzsch Instruments
TA TA Instruments
XX Instrument manufacturer not specified by lab

Grand Mean Sample W11: 164.89 Degrees Celsius Grand Mean Sample W12: 165.06 Degrees Celsius



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 W11 Lab Mean	Sample W11 Diff from Grand Mean	Sample W11 CPV	Sample W12 Lab Mean	Sample W12 Diff from Grand Mean	Sample W12 CPV	Instr Code
3CV8MH		105.55	2.12	0.45	102.44	-1.11	-0.08	TA
4MCFMV		100.90	-2.52	-0.53	91.48	-12.07	-0.91	TA
77D9JE		108.26	4.84	1.02	103.42	-0.13	-0.01	XX
9D8YWZ		106.40	2.98	0.63	97.97	-5.57	-0.42	TA
9XR2RZ		101.60	-1.82	-0.39	99.40	-4.15	-0.31	TA
JR8FEW		105.11	1.69	0.36	105.35	1.81	0.14	TA
Q36P38		108.09	4.66	0.99	104.25	0.71	0.05	TA
R8HMAU		93.28	-10.14	-2.15	90.05	-13.49	-1.02	TA
XTYWUD		98.96	-4.46	-0.94	138.27	34.72	2.61	NZ
ZGZ2Q3		106.08	2.65	0.56	102.83	-0.71	-0.05	TA

Summary Statistics

	Sample W11	Sample W12
Grand Means	103.423 Joules Per Gram	103.547 Joules Per Gram
Stnd Dev Btwn Labs	4.724 Joules Per Gram	13.279 Joules Per Gram

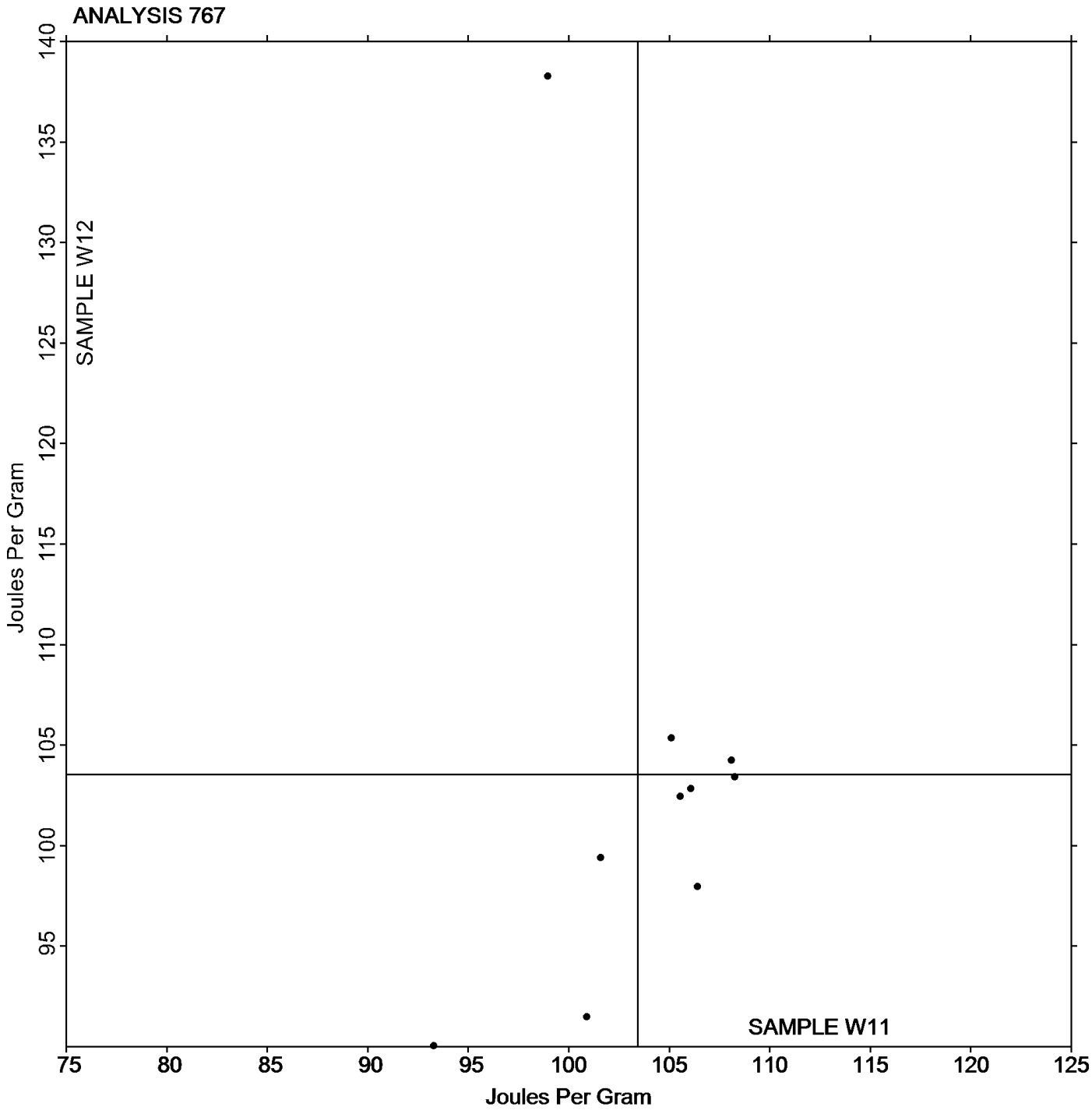
Statistics based on 10 of 10 reporting participants

Sample W11: PP & Sample W12: PP

Key to Instrument Codes Reported by Participants

NZ Netzsch Instruments
TA TA Instruments
XX Instrument manufacturer not specified by lab

Grand Mean Sample W11: 103.42 Joules Per Gram Grand Mean Sample W12: 103.55 Joules Per Gram



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 W11 Lab Mean	Sample W11 Diff from Grand Mean	Sample W11 CPV	Sample W12 Lab Mean	Sample W12 Diff from Grand Mean	Sample W12 CPV	Instr Code
3CV8MH		108.97	5.22	0.70	104.80	2.71	0.17	TA
4MCFMV		98.25	-5.50	-0.74	89.09	-13.00	-0.83	TA
77D9JE		108.50	4.75	0.64	104.06	1.97	0.13	XX
9D8YWZ		105.37	1.62	0.22	89.22	-12.87	-0.82	TA
9XR2RZ		91.07	-12.68	-1.70	87.57	-14.52	-0.93	TA
JR8FEW		110.66	6.91	0.93	112.18	10.09	0.64	TA
Q36P38		111.64	7.89	1.06	105.24	3.15	0.20	TA
R8HMAU		92.80	-10.95	-1.47	88.08	-14.01	-0.89	TA
XTYWUD		101.69	-2.06	-0.28	138.77	36.68	2.34	NZ
ZGZ2Q3		108.57	4.82	0.65	101.88	-0.20	-0.01	TA

Summary Statistics

	Sample W11	Sample W12
Grand Means	103.750 Joules Per Gram	102.088 Joules Per Gram
Stnd Dev Btwn Labs	7.460 Joules Per Gram	15.670 Joules Per Gram

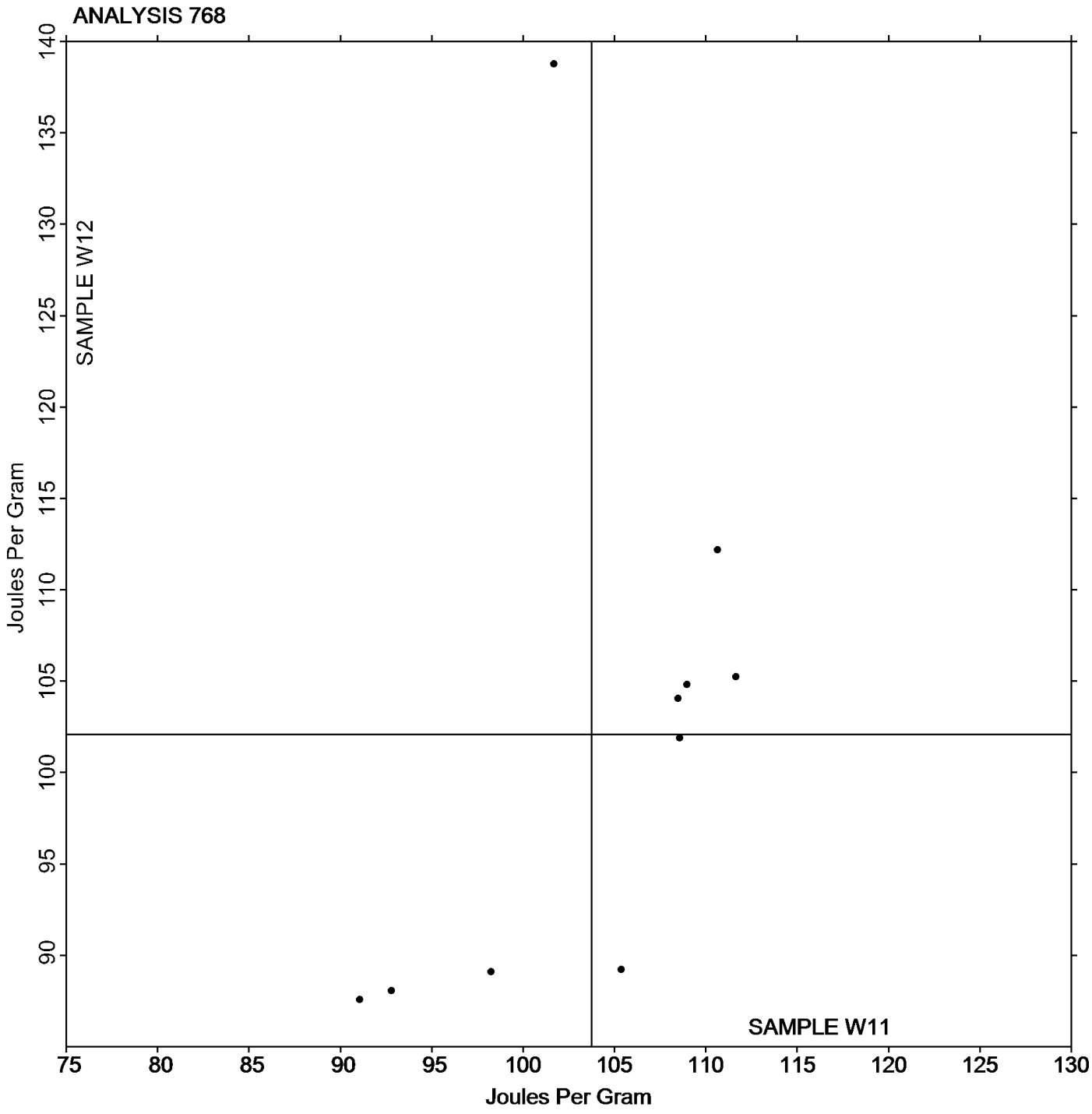
Statistics based on 10 of 10 reporting participants

Sample W11: PP & Sample W12: PP

Key to Instrument Codes Reported by Participants

NZ Netzsch Instruments
TA TA Instruments
XX Instrument manufacturer not specified by lab

Grand Mean Sample W11: 103.75 Joules Per Gram Grand Mean Sample W12: 102.09 Joules Per Gram



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 V11 Lab Mean	Sample V11 Diff from Grand Mean	Sample V11 CPV	Sample V12 Lab Mean	Sample V12 Diff from Grand Mean	Sample V12 CPV	Instr Code
3CV8MH		105.50	-1.41	-0.72	105.40	-1.83	-0.74	TA
4MCFMV		103.93	-2.97	-1.53	104.47	-2.76	-1.11	TA
77D9JE		105.40	-1.51	-0.77	105.93	-1.30	-0.52	XX
9D8YWZ		106.66	-0.25	-0.13	106.77	-0.46	-0.18	TA
9XR2RZ		108.90	1.99	1.03	108.07	0.84	0.34	TA
CVVJ6G		108.08	1.17	0.60	112.58	5.35	2.15	XX
JR8FEW		106.83	-0.07	-0.04	107.00	-0.23	-0.09	TA
Q36P38		110.47	3.57	1.84	110.57	3.34	1.35	TA
R8HMAU		104.66	-2.25	-1.16	104.38	-2.85	-1.15	TA
XTYWUD		107.80	0.89	0.46	106.83	-0.40	-0.16	NZ
ZGZ2Q3		107.73	0.82	0.42	107.51	0.28	0.11	TA

Summary Statistics

	Sample V11	Sample V12
Grand Means	106.906 Degrees Celsius	107.228 Degrees Celsius
Stnd Dev Btwn Labs	1.943 Degrees Celsius	2.485 Degrees Celsius

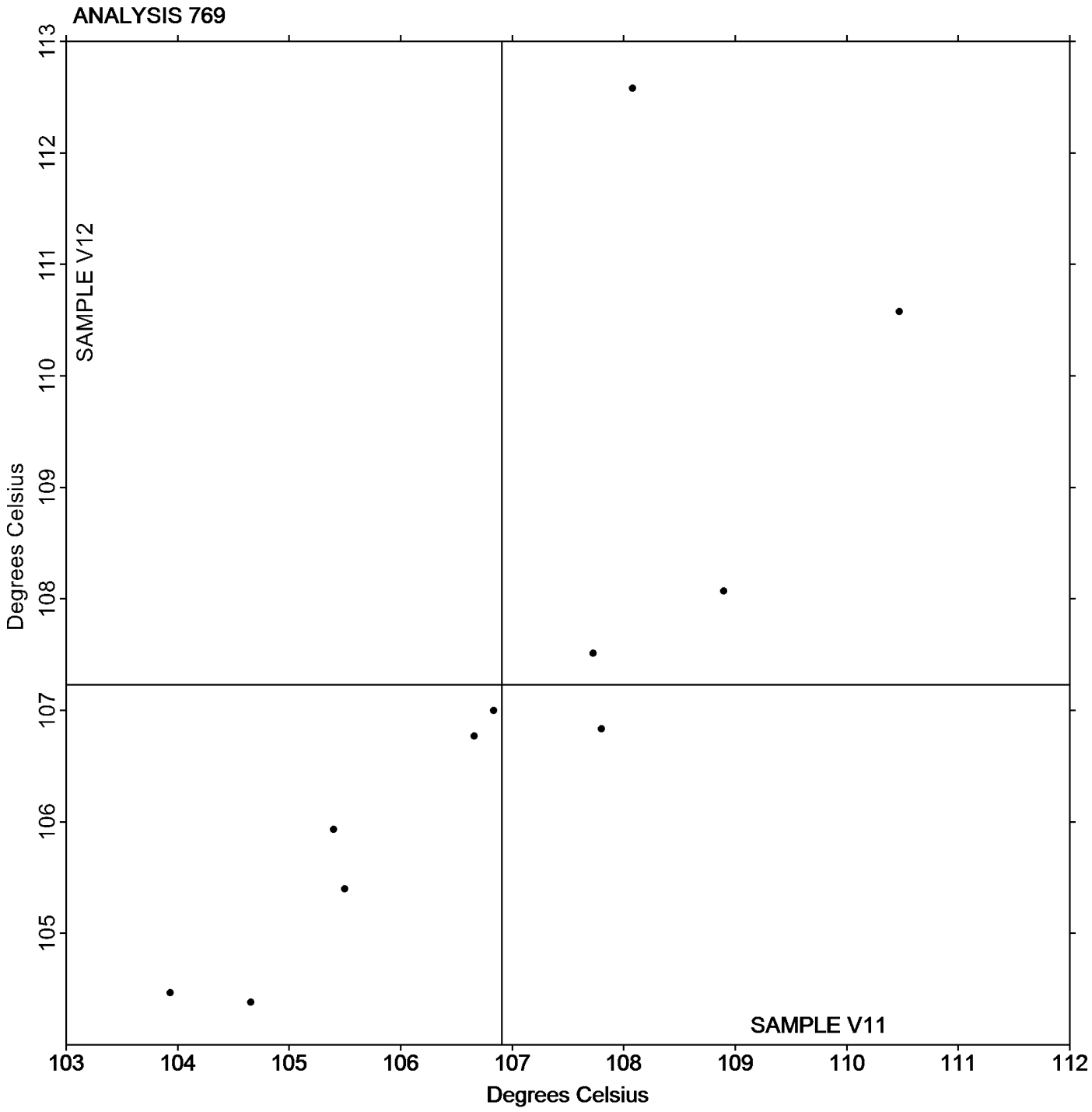
Statistics based on 11 of 11 reporting participants

Sample V11: ABS & Sample V12: ABS

Key to Instrument Codes Reported by Participants

NZ Netzsch Instruments
TA TA Instruments
XX Instrument manufacturer not specified by lab

Grand Mean Sample V11: 106.91 Degrees Celsius Grand Mean Sample V12: 107.23 Degrees Celsius



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 B11 Lab Mean	Sample B11 Diff from Grand Mean	Sample B11 CPV	Sample B12 Lab Mean	Sample B12 Diff from Grand Mean	Sample B12 CPV	Instr Code
26EFF6		2,158	309	0.47	2,117	334	0.51	MT
46C4DU		2,151	302	0.45	2,112	328	0.50	WZ
6UPQD2		2,256	408	0.61	2,113	330	0.51	IN
7Q7UMQ		2,217	369	0.55	2,119	336	0.52	IN
7X6FC6		606	-1,243	-1.87	552	-1,232	-1.89	XX
8Z4EZ3		653	-1,195	-1.80	577	-1,206	-1.85	XX
ALYRQC		2,140	292	0.44	2,053	270	0.41	WZ
B7226Y		574	-1,274	-1.92	600	-1,183	-1.82	XX
C4QMCY		446	-1,402	-2.11	418	-1,366	-2.10	XX
CRUH4X		2,219	371	0.56	2,147	363	0.56	IN
G98KQN		2,287	439	0.66	2,261	478	0.73	IN
JR8FEW		2,151	303	0.45	2,115	332	0.51	IN
KJCXFE		2,051	203	0.31	1,989	206	0.32	IN
MU7TTZ		2,106	258	0.39	2,051	268	0.41	TH
P2YRCK		2,106	258	0.39	2,056	272	0.42	IN
PL6H9E		1,840	-8	-0.01	1,701	-83	-0.13	IN
QLJ78K		2,352	504	0.76	2,277	494	0.76	MT
RVNDKY		2,183	334	0.50	2,209	425	0.65	TH
UNFQP2	*	2,308	459	0.69	2,083	299	0.46	WZ
VGDYUC	X	3,195	1,347	2.02	2,120	337	0.52	IN
ZW7K4K		2,163	315	0.47	2,120	336	0.52	IN

Summary Statistics

	Sample B11	Sample B12
Grand Means	1,848.4 psi	1,783.5 psi
Stnd Dev Btwn Labs	665.3 psi	650.6 psi

Statistics based on 20 of 21 reporting participants

Sample B11: LDPE & Sample B12: LDPE

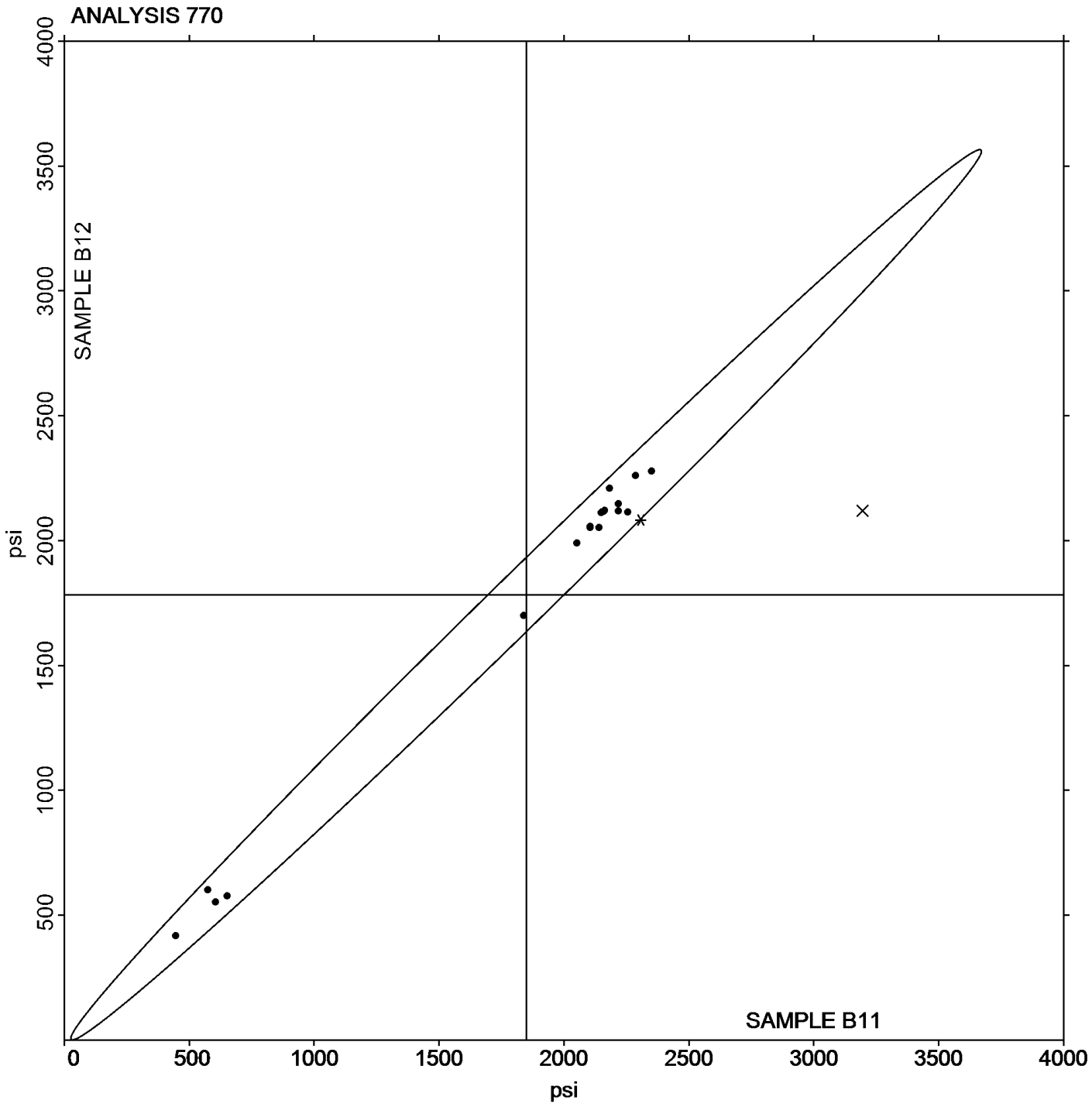
Comments on Assigned Data Flags for Test #770

VGDYUC (X) - Inconsistent in testing between samples.

Key to Instrument Codes Reported by Participants

IN	Instron	MT	MTS/Sintech
TH	Thwing Albert	WZ	Zwick
XX	Instrument manufacturer not specified by lab		

Grand Mean Sample B11: 1,848.38 psi Grand Mean Sample B12: 1,783.48 psi



WebCode	Data Flag	Sample B11 Lab Mean	Sample B11 Diff from Grand Mean	Sample B11 CPV	Sample B12 Lab Mean	Sample B12 Diff from Grand Mean	Sample B12 CPV	Instr Code
26EFF6		4,146	306	0.51	4,400	361	0.44	MT
38MQC9		2,315	-1,525	-2.55	2,295	-1,744	-2.12	SH
46C4DU		4,307	467	0.78	4,710	671	0.82	WZ
6UPQD2		3,797	-43	-0.07	3,813	-226	-0.28	IN
7Q7UMQ		4,485	645	1.08	4,826	787	0.96	IN
7X6FC6		3,401	-439	-0.73	3,294	-745	-0.91	XX
8Z4EZ3		3,214	-626	-1.05	2,572	-1,467	-1.79	XX
ALYRQC		4,220	381	0.64	4,194	155	0.19	WZ
B7226Y		2,650	-1,190	-1.99	2,275	-1,764	-2.15	XX
C4QMCY		3,583	-257	-0.43	3,877	-162	-0.20	XX
CRUH4X		4,351	511	0.85	4,670	631	0.77	IN
G98KQN		4,675	835	1.40	5,350	1,311	1.60	IN
JR8FEW		3,734	-106	-0.18	4,315	276	0.34	IN
KJCXFE		3,619	-221	-0.37	3,642	-397	-0.48	IN
MU7TTZ		3,723	-117	-0.20	4,244	205	0.25	TH
P2YRCK		3,739	-101	-0.17	4,215	176	0.21	IN
PL6H9E		3,989	149	0.25	4,244	205	0.25	IN
QLJ78K		4,547	707	1.18	4,776	737	0.90	MT
RVNDKY		3,931	91	0.15	4,369	330	0.40	TH
UNFQP2		4,399	559	0.94	4,415	376	0.46	WZ
VGDYUC	X	5,489	1,649	2.76	3,724	-315	-0.38	IN
ZW7K4K		3,813	-27	-0.05	4,326	287	0.35	IN

Summary Statistics

	Sample B11	Sample B12
Grand Means	3,840.0 psi	4,039.1 psi
Stnd Dev Btwn Labs	598.0 psi	821.8 psi

Statistics based on 21 of 22 reporting participants

Sample B11: LDPE & Sample B12: LDPE

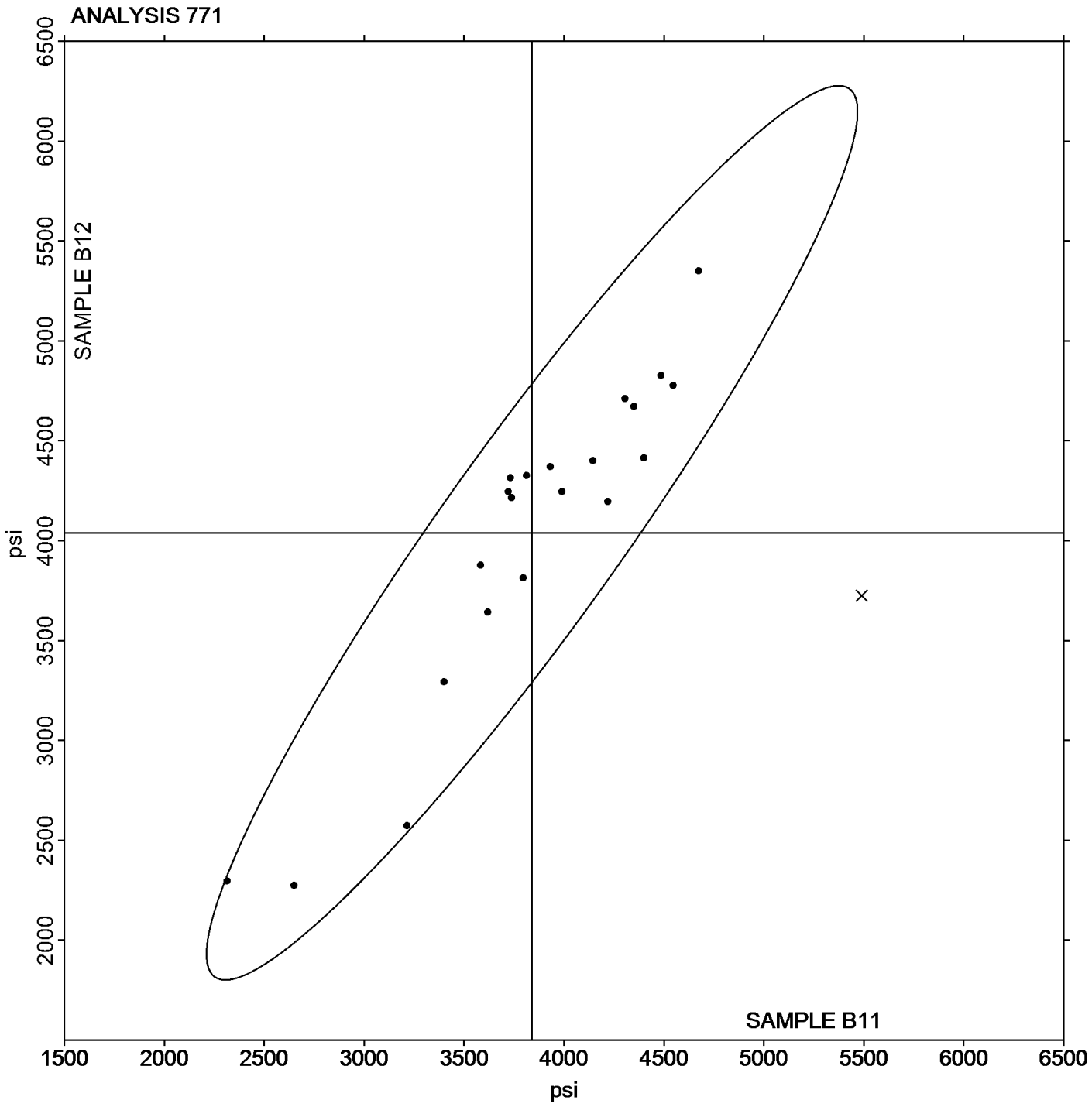
Comments on Assigned Data Flags for Test #771

VGDYUC (X) - Data for sample B11 are high. Inconsistent within the determinations of sample B11.

Key to Instrument Codes Reported by Participants

IN	Instron	MT	MTS/Sintech
SH	Shimadzu	TH	Thwing Albert
WZ	Zwick	XX	Instrument manufacturer not specified by lab

Grand Mean Sample B11: 3,839.98 psi Grand Mean Sample B12: 4,039.10 psi



WebCode	Data Flag	Sample B11 Lab Mean	Sample B11 Diff from Grand Mean	Sample B11 CPV	Sample B12 Lab Mean	Sample B12 Diff from Grand Mean	Sample B12 CPV	Instr Code
26EFF6		67.25	28.93	1.48	77.31	15.60	1.96	MT
46C4DU		18.40	-19.92	-1.02	62.27	0.56	0.07	WZ
6UPQD2		61.60	23.28	1.19	66.80	5.09	0.64	IN
7Q7UMQ		55.32	17.00	0.87	61.22	-0.49	-0.06	IN
ALYRQC		19.03	-19.29	-0.99	62.41	0.70	0.09	WZ
CRUH4X		17.69	-20.63	-1.06	59.91	-1.80	-0.23	IN
G98KQN		52.87	14.54	0.75	58.93	-2.77	-0.35	IN
JR8FEW		15.64	-22.68	-1.16	50.47	-11.24	-1.41	IN
KJCXFE		26.44	-11.89	-0.61	64.27	2.56	0.32	IN
P2YRCK		45.23	6.91	0.35	67.91	6.20	0.78	IN
PL6H9E		54.00	15.67	0.80	60.86	-0.85	-0.11	IN
QLJ78K		19.14	-19.18	-0.98	60.08	-1.63	-0.20	MT
RVNDKY		45.00	6.68	0.34	63.73	2.02	0.25	TH
UNFQP2		15.50	-22.82	-1.17	49.30	-12.41	-1.56	WZ
VGDYUC		65.23	26.91	1.38	73.91	12.20	1.53	IN
ZW7K4K		34.82	-3.50	-0.18	47.94	-13.77	-1.73	IN

Summary Statistics

	Sample B11	Sample B12
Grand Means	38.322 Percent	61.708 Percent
Stnd Dev Btwn Labs	19.481 Percent	7.969 Percent

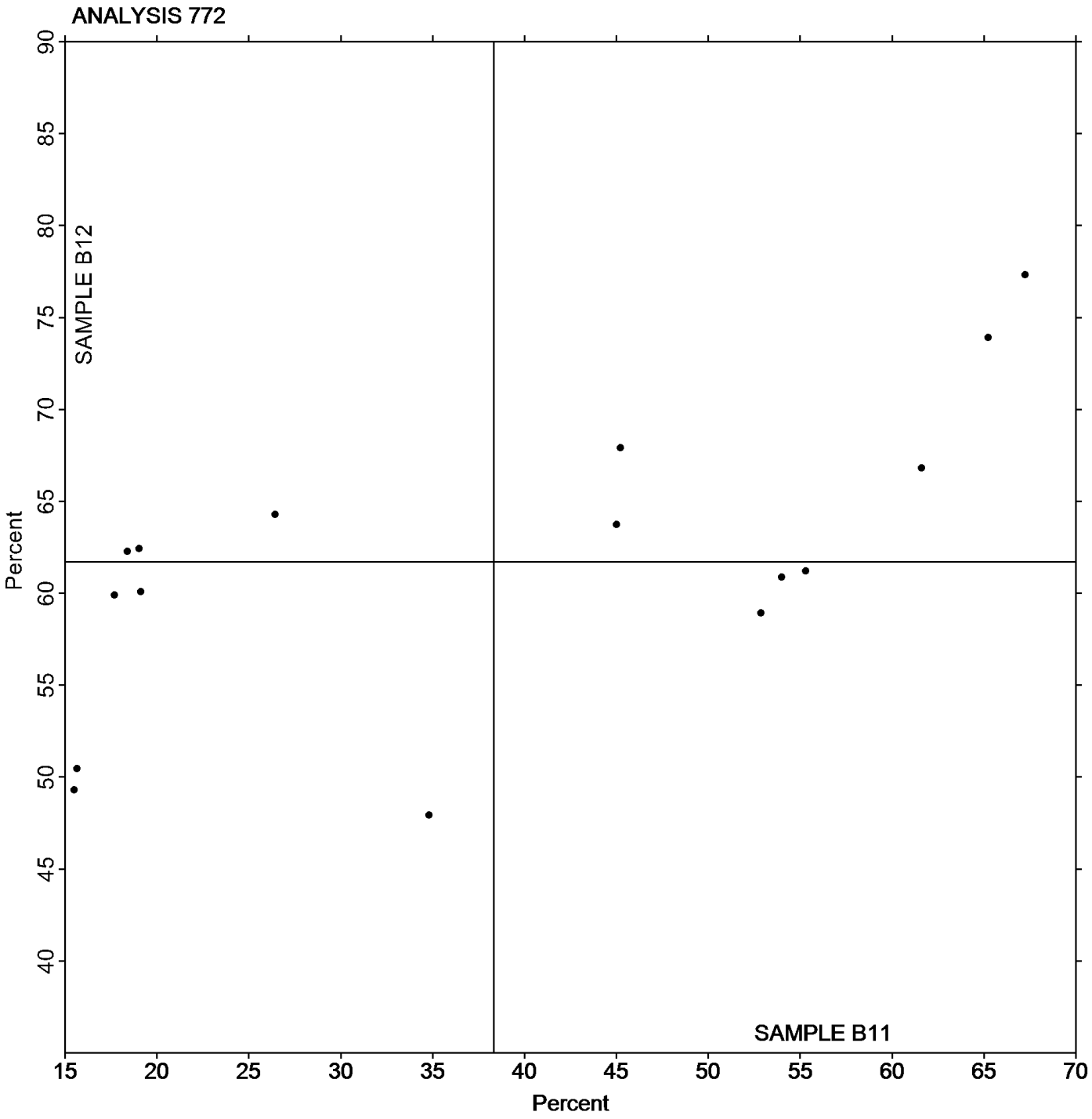
Statistics based on 16 of 16 reporting participants

Sample B11: LDPE & Sample B12: LDPE

Key to Instrument Codes Reported by Participants

IN Instron
MT MTS/Sintech
TH Thwing Albert
WZ Zwick

Grand Mean Sample B11: 38.322 Percent Grand Mean Sample B12: 61.708 Percent



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 B11 Lab Mean	Sample B11 Diff from Grand Mean	Sample B11 CPV	Sample B12 Lab Mean	Sample B12 Diff from Grand Mean	Sample B12 CPV	Instr Code
26EFF6		1,006.5	78.1	0.47	995.7	35.2	0.21	MT
38MQC9	X	207.2	-721.2	-4.34	187.9	-772.6	-4.65	SH
46C4DU		1,068.0	139.6	0.84	1,074.2	113.7	0.68	WZ
6UPQD2		944.0	15.6	0.09	986.0	25.5	0.15	IN
7Q7UMQ		1,032.6	104.2	0.63	1,058.7	98.2	0.59	IN
ALYRQC		1,059.4	131.0	0.79	1,071.0	110.5	0.66	WZ
CRUH4X		1,060.4	132.0	0.79	1,121.8	161.3	0.97	IN
G98KQN		819.6	-108.8	-0.66	893.1	-67.4	-0.41	IN
JR8FEW		620.4	-308.0	-1.85	666.9	-293.6	-1.77	IN
KJCXFE		1,031.7	103.2	0.62	1,119.0	158.5	0.95	IN
MU7TTZ		870.0	-58.4	-0.35	911.9	-48.6	-0.29	TH
P2YRCK		943.6	15.2	0.09	1,011.2	50.7	0.30	IN
PL6H9E		1,025.6	97.2	0.59	1,087.8	127.3	0.77	IN
QLJ78K		893.2	-35.2	-0.21	914.4	-46.1	-0.28	MT
RVNDKY		1,230.3	301.9	1.82	1,225.2	264.6	1.59	TH
UNFQP2		697.0	-231.4	-1.39	716.0	-244.5	-1.47	WZ
VGDYUC		847.5	-80.9	-0.49	813.8	-146.7	-0.88	IN
ZW7K4K		633.2	-295.3	-1.78	662.2	-298.3	-1.79	IN

Summary Statistics

	Sample B11	Sample B12
Grand Means	928.40 Percent	960.52 Percent
Stnd Dev Btwn Labs	166.09 Percent	166.24 Percent

Statistics based on 17 of 18 reporting participants

Sample B11: LDPE & Sample B12: LDPE

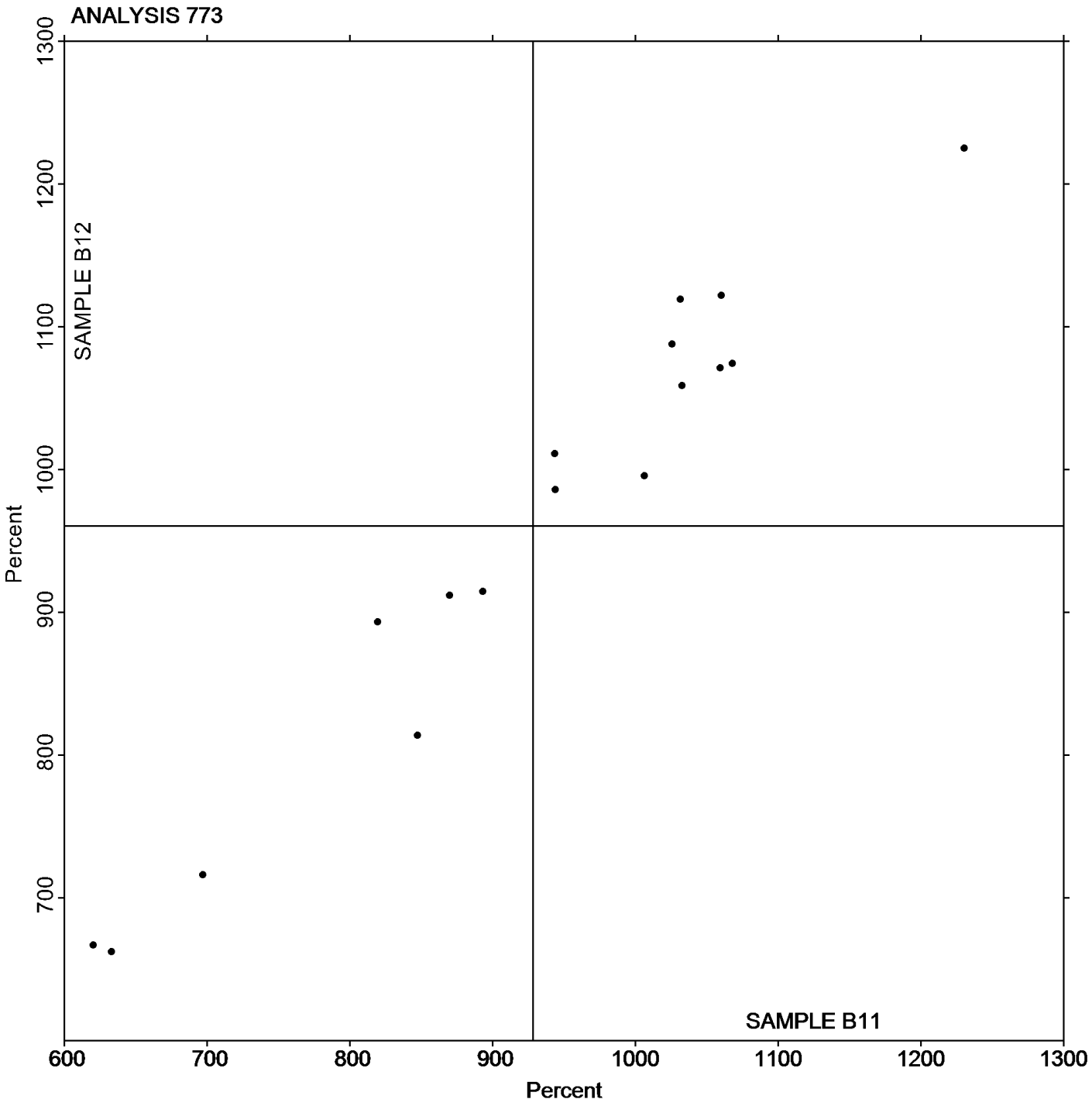
Comments on Assigned Data Flags for Test #773

38MQC9 (X) - Extreme data.

Key to Instrument Codes Reported by Participants

IN	Instron	MT	MTS/Sintech
SH	Shimadzu	TH	Thwing Albert
WZ	Zwick		

Grand Mean Sample B11: 928.40 Percent Grand Mean Sample B12: 960.52 Percent



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 B11 Lab Mean	Sample B11 Diff from Grand Mean	Sample B11 CPV	Sample B12 Lab Mean	Sample B12 Diff from Grand Mean	Sample B12 CPV
26EFF6		3.8810	0.0297	0.24	3.8090	-0.0801	-0.60
38MQC9		3.6614	-0.1899	-1.54	3.5827	-0.3064	-2.28
46C4DU		3.8976	0.0463	0.38	3.9173	0.0283	0.21
6UPQD2		3.6900	-0.1613	-1.31	4.0000	0.1109	0.82
7Q7UMQ		3.8200	-0.0313	-0.25	3.8800	-0.0091	-0.07
8T8GDZ		3.8960	0.0447	0.36	3.8990	0.0099	0.07
ALYRQC		3.8898	0.0385	0.31	4.0669	0.1779	1.32
BFQVGW		4.1580	0.3067	2.49	4.0050	0.1159	0.86
CRUH4X		3.7970	-0.0543	-0.44	3.8030	-0.0861	-0.64
G98KQN		3.7400	-0.1113	-0.90	3.7700	-0.1191	-0.89
JR8FEW		3.7650	-0.0863	-0.70	3.7210	-0.1681	-1.25
KJCXFE		3.8190	-0.0323	-0.26	4.0119	0.1228	0.91
MU7TTZ		3.8890	0.0377	0.31	3.6950	-0.1941	-1.44
P2YRCK		3.8900	0.0387	0.31	3.9740	0.0849	0.63
PL6H9E		3.8189	-0.0324	-0.26	4.0118	0.1227	0.91
QLJ78K		3.8000	-0.0513	-0.42	3.8350	-0.0541	-0.40
RVNDKY		3.9160	0.0647	0.53	3.8860	-0.0031	-0.02
UNFQP2		3.7441	-0.1072	-0.87	4.0787	0.1897	1.41
ZW7K4K		4.1020	0.2507	2.04	3.9460	0.0569	0.42

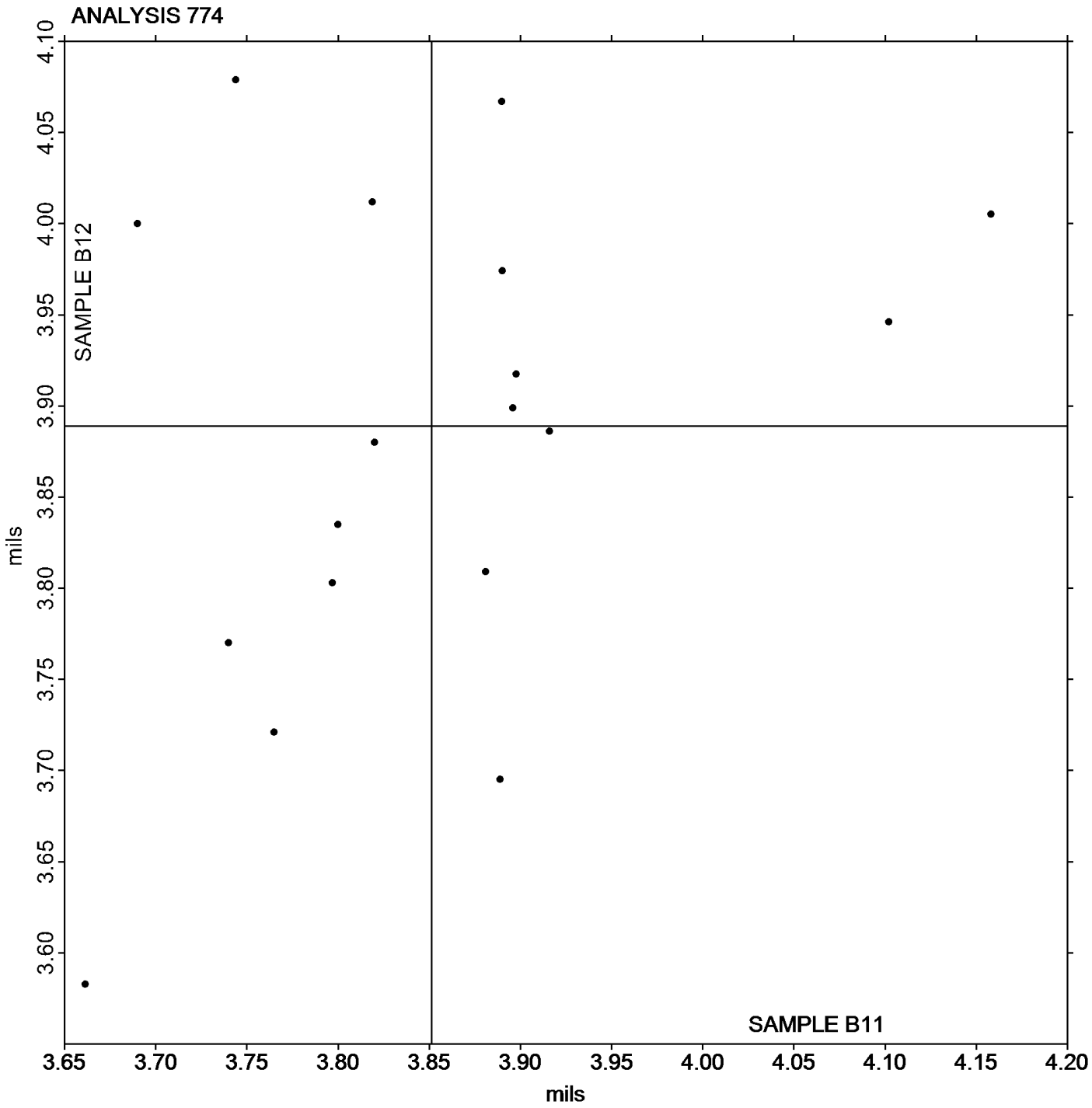
Summary Statistics

	Sample B11	Sample B12
Grand Means	3.85130 mils	3.88907 mils
Stnd Dev Btwn Labs	0.12306 mils	0.13451 mils

Statistics based on 19 of 19 reporting participants

Sample B11: LDPE & Sample B12: LDPE

Grand Mean Sample B11: 3.8513 mils Grand Mean Sample B12: 3.8891 mils



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 B11 Lab Mean	Sample B11 Diff from Grand Mean	Sample B11 CPV	Sample B12 Lab Mean	Sample B12 Diff from Grand Mean	Sample B12 CPV	Instr Code
46C4DU		51,100	-1,451	-0.25	44,937	-3,116	-0.70	WZ
6UPQD2		51,997	-553	-0.10	47,885	-168	-0.04	IN
7Q7UMQ		50,805	-1,745	-0.31	44,476	-3,577	-0.80	IN
ALYRQC		51,195	-1,356	-0.24	51,617	3,564	0.80	WZ
CRUH4X		49,299	-3,252	-0.57	45,325	-2,728	-0.61	IN
JR8FEW		60,020	7,470	1.31	53,540	5,487	1.23	IN
MU7TTZ	X	46	-52,504	-9.23	38	-48,015	-10.80	TH
P2YRCK		47,194	-5,356	-0.94	42,527	-5,526	-1.24	IN
PL6H9E		64,509	11,958	2.10	56,041	7,988	1.80	IN
VGDYUC		53,555	1,005	0.18	49,192	1,139	0.26	IN
ZW7K4K		45,830	-6,721	-1.18	44,991	-3,062	-0.69	IN

Summary Statistics

	Sample B11	Sample B12
Grand Means	52,550.3 psi	48,053.2 psi
Stnd Dev Btwn Labs	5,691.4 psi	4,444.9 psi

Statistics based on 10 of 11 reporting participants

Sample B11: LDPE & Sample B12: LDPE

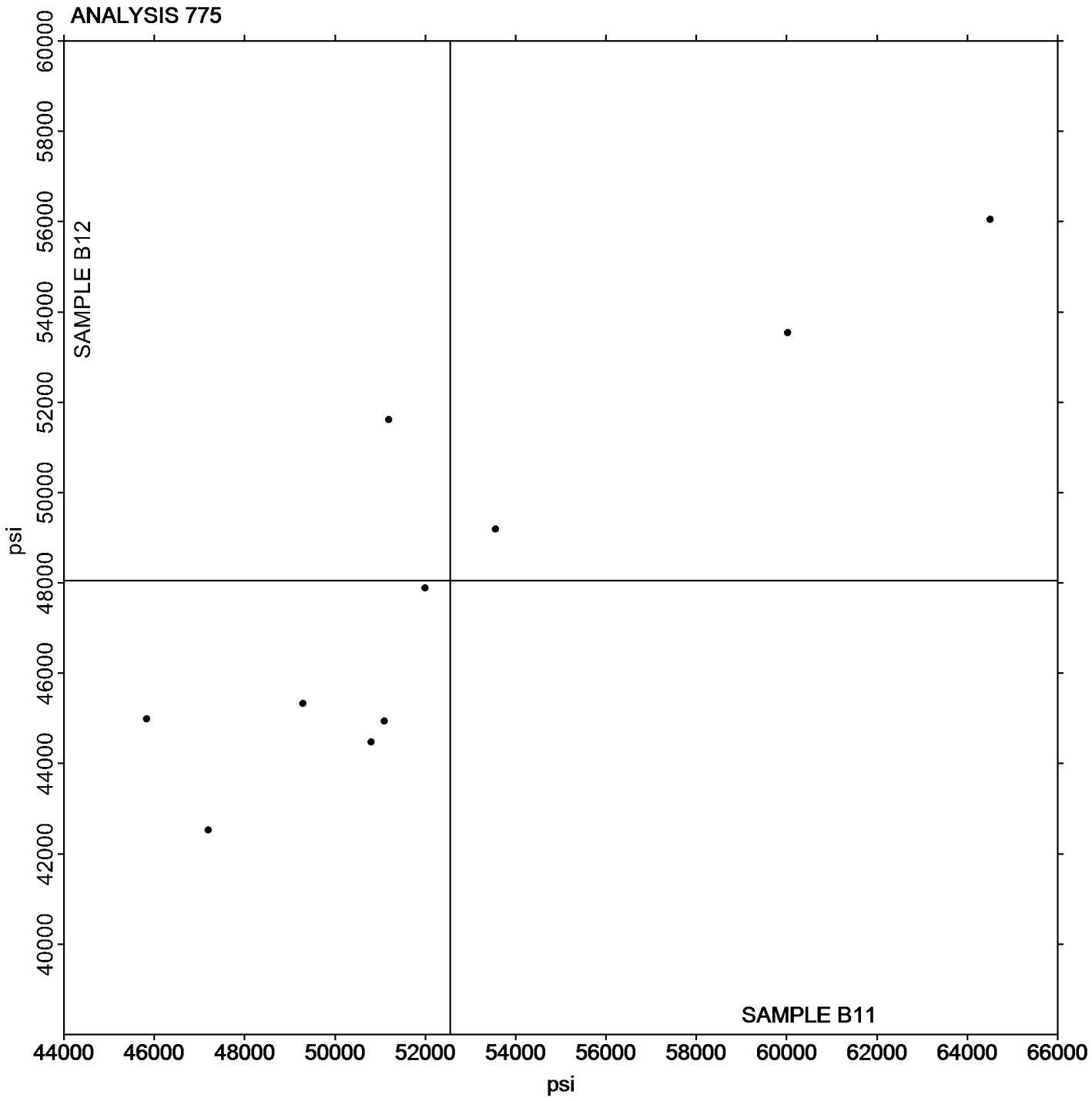
Comments on Assigned Data Flags for Test #775

MU7TTZ (X) - Extreme data.

Key to Instrument Codes Reported by Participants

IN Instron
TH Thwing Albert
WZ Zwick

Grand Mean Sample B11: 52,550.29 psi Grand Mean Sample B12: 48,053.17 psi



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 B11 Lab Mean	Sample B11 Diff from Grand Mean	Sample B11 CPV	Sample B12 Lab Mean	Sample B12 Diff from Grand Mean	Sample B12 CPV	Instr Code
26EFF6		51,806	7,887	1.68	48,071	8,088	1.91	MT
46C4DU		40,949	-2,969	-0.63	37,002	-2,980	-0.70	WZ
6UPQD2		41,065	-2,854	-0.61	37,348	-2,635	-0.62	IN
7Q7UMQ		40,881	-3,038	-0.65	36,408	-3,574	-0.84	IN
ALYRQC		47,772	3,853	0.82	44,775	4,792	1.13	WZ
CRUH4X		41,003	-2,916	-0.62	37,797	-2,185	-0.52	IN
JR8FEW		46,740	2,821	0.60	41,760	1,777	0.42	IN
P2YRCK		38,050	-5,869	-1.25	34,474	-5,509	-1.30	IN
PL6H9E		50,355	6,437	1.37	43,650	3,668	0.87	IN
VGDYUC		45,382	1,463	0.31	41,496	1,513	0.36	IN
ZW7K4K		39,104	-4,815	-1.02	37,027	-2,955	-0.70	IN

Summary Statistics

	Sample B11	Sample B12
Grand Means	43,918.7 psi	39,982.5 psi
Stnd Dev Btwn Labs	4,700.0 psi	4,239.6 psi

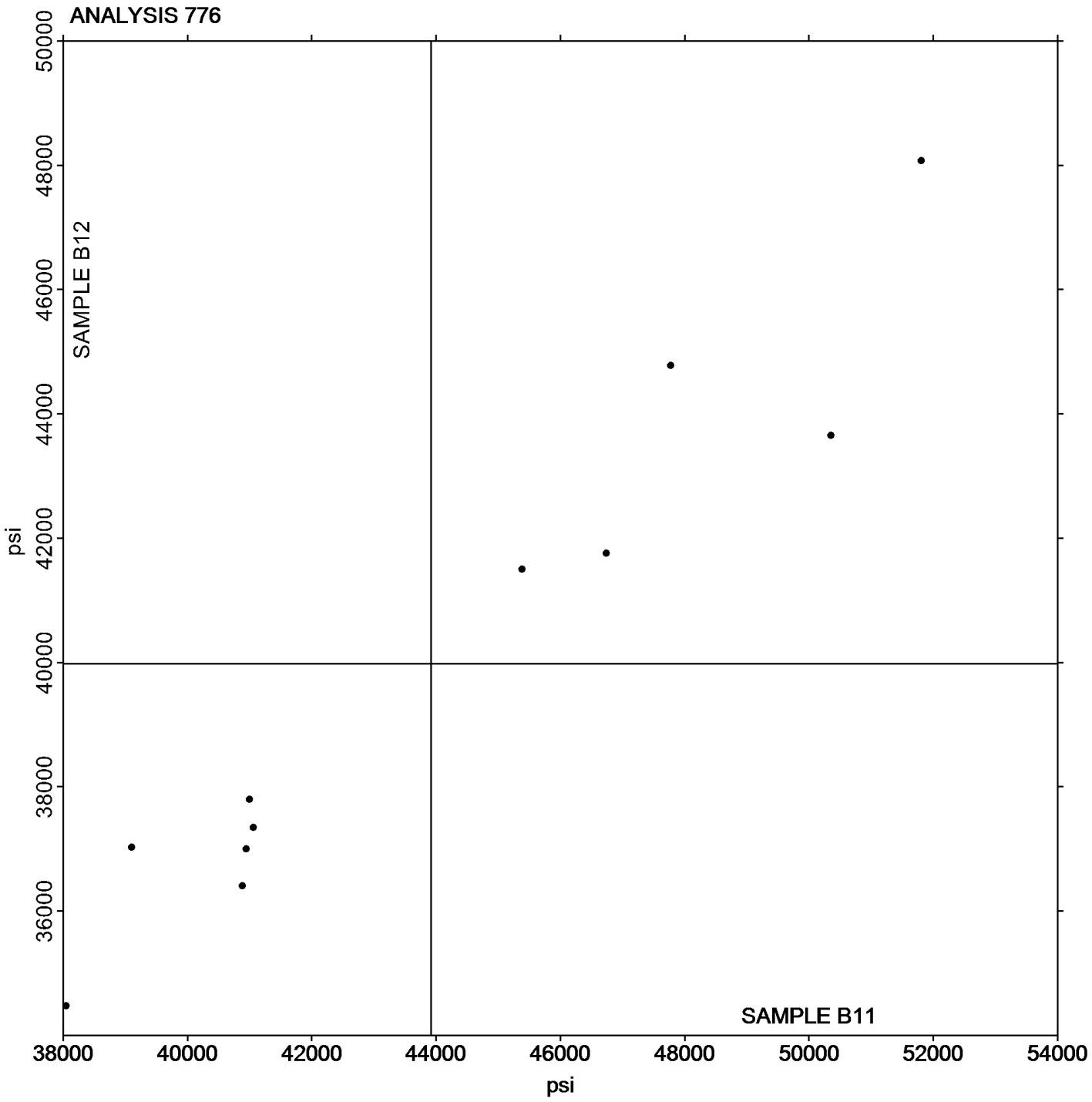
Statistics based on 11 of 11 reporting participants

Sample B11: LDPE & Sample B12: LDPE

Key to Instrument Codes Reported by Participants

IN Instron
MT MTS/Sintech
WZ Zwick

Grand Mean Sample B11: 43,918.70 psi Grand Mean Sample B12: 39,982.51 psi



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 P11 Lab Mean	Sample P11 Diff from Grand Mean	Sample P11 CPV	Sample P12 Lab Mean	Sample P12 Diff from Grand Mean	Sample P12 CPV	Instr Code
26EFF6		0.2220	0.0461	0.70	0.2560	-0.0806	-0.80	TH
7Q7UMQ		0.1934	0.0175	0.26	0.3424	0.0058	0.06	TM
JR8FEW		0.2398	0.0639	0.96	0.3432	0.0066	0.06	TH
MU7TTZ		0.2150	0.0391	0.59	0.3192	-0.0174	-0.17	TH
PKTKY4		0.0984	-0.0775	-1.17	0.1478	-0.1888	-1.87	IG
QLJ78K		0.0352	-0.1407	-2.12	0.4704	0.1338	1.32	MS
YPY76D		0.2008	0.0249	0.38	0.4824	0.1458	1.44	XX
ZQ4DMW		0.1776	0.0017	0.03	0.3230	-0.0136	-0.13	TN
ZW7K4K		0.2010	0.0251	0.38	0.3454	0.0088	0.09	MI

Summary Statistics

	Sample P11	Sample P12
Grand Means	0.17591 COF	0.33665 COF
Stnd Dev Btwn Labs	0.06624 COF	0.10120 COF

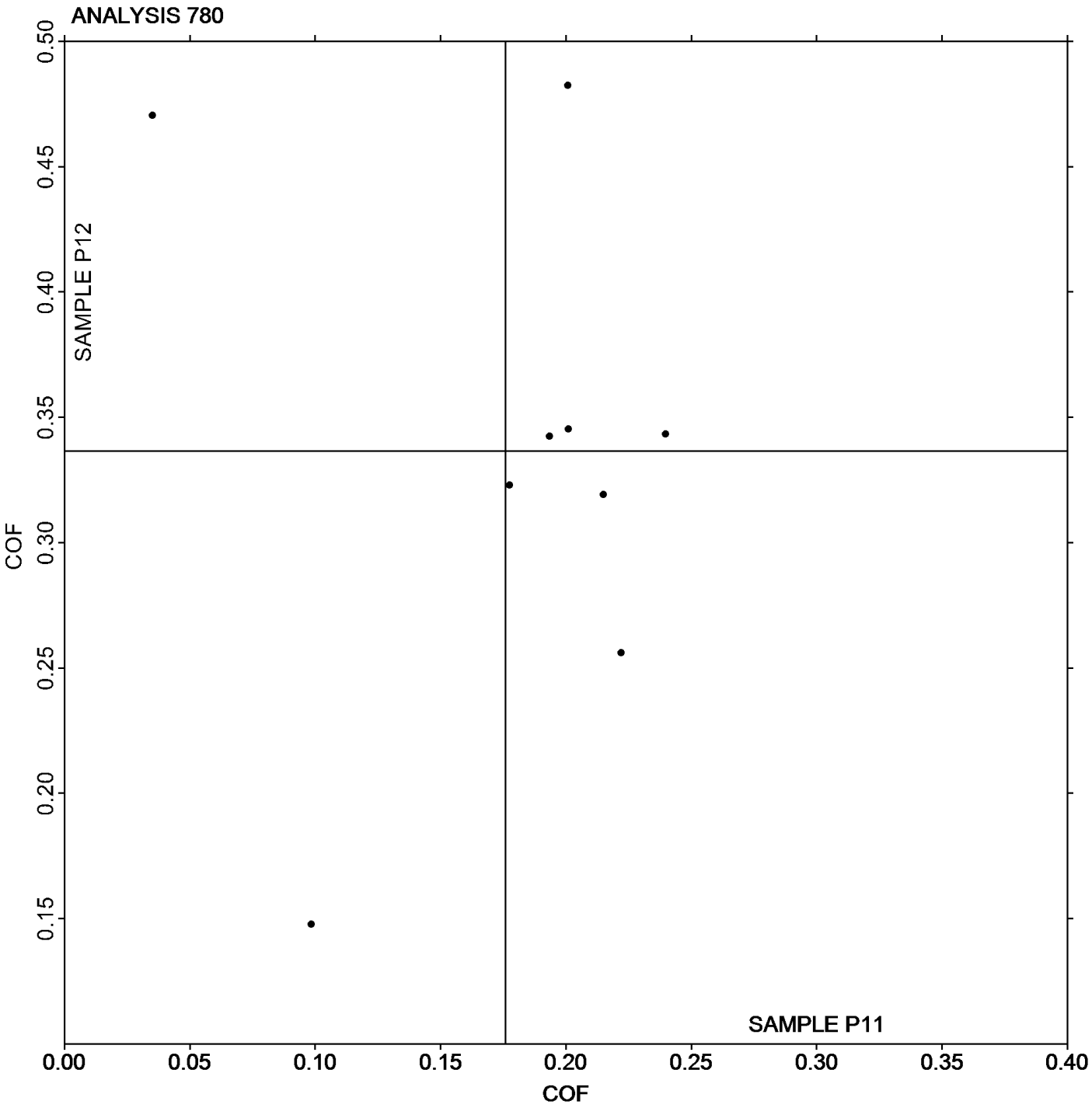
Statistics based on 9 of 9 reporting participants

Sample P11: LDPE & Sample P12: LDPE

Key to Instrument Codes Reported by Participants

IG	Instron	MI	MTS Insight
MS	MTS	TH	Thwing Albert Friction/Peel Tester Model 225-1
TM	TMI Slip and Friction Tester	TN	TMI #32-06
XX	Instrument make/model not specified by lab		

Grand Mean Sample P11: 0.17591 COF Grand Mean Sample P12: 0.33665 COF



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 P11 Lab Mean	Sample P11 Diff from Grand Mean	Sample P11 CPV	Sample P12 Lab Mean	Sample P12 Diff from Grand Mean	Sample P12 CPV	Instr Code
26EFF6		0.1242	-0.0063	-0.18	0.2320	-0.0886	-0.62	TH
7Q7UMQ		0.1306	0.0001	0.00	0.3110	-0.0096	-0.07	TM
JR8FEW		0.1606	0.0301	0.86	0.2846	-0.0360	-0.25	TH
MU7TTZ		0.1560	0.0255	0.73	0.2690	-0.0516	-0.36	TH
PKTKY4		0.0458	-0.0848	-2.43	0.1246	-0.1960	-1.37	IG
QLJ78K		0.1348	0.0043	0.12	0.6334	0.3128	2.18	MS
YPY76D		0.1454	0.0149	0.43	0.4382	0.1176	0.82	XX
ZQ4DMW		0.1218	-0.0087	-0.25	0.2724	-0.0482	-0.34	TN
ZW7K4K		0.1556	0.0251	0.72	0.3200	-0.0006	0.00	MI

Summary Statistics

	Sample P11	Sample P12
Grand Means	0.13053 COF	0.32057 COF
Stnd Dev Btwn Labs	0.03486 COF	0.14332 COF

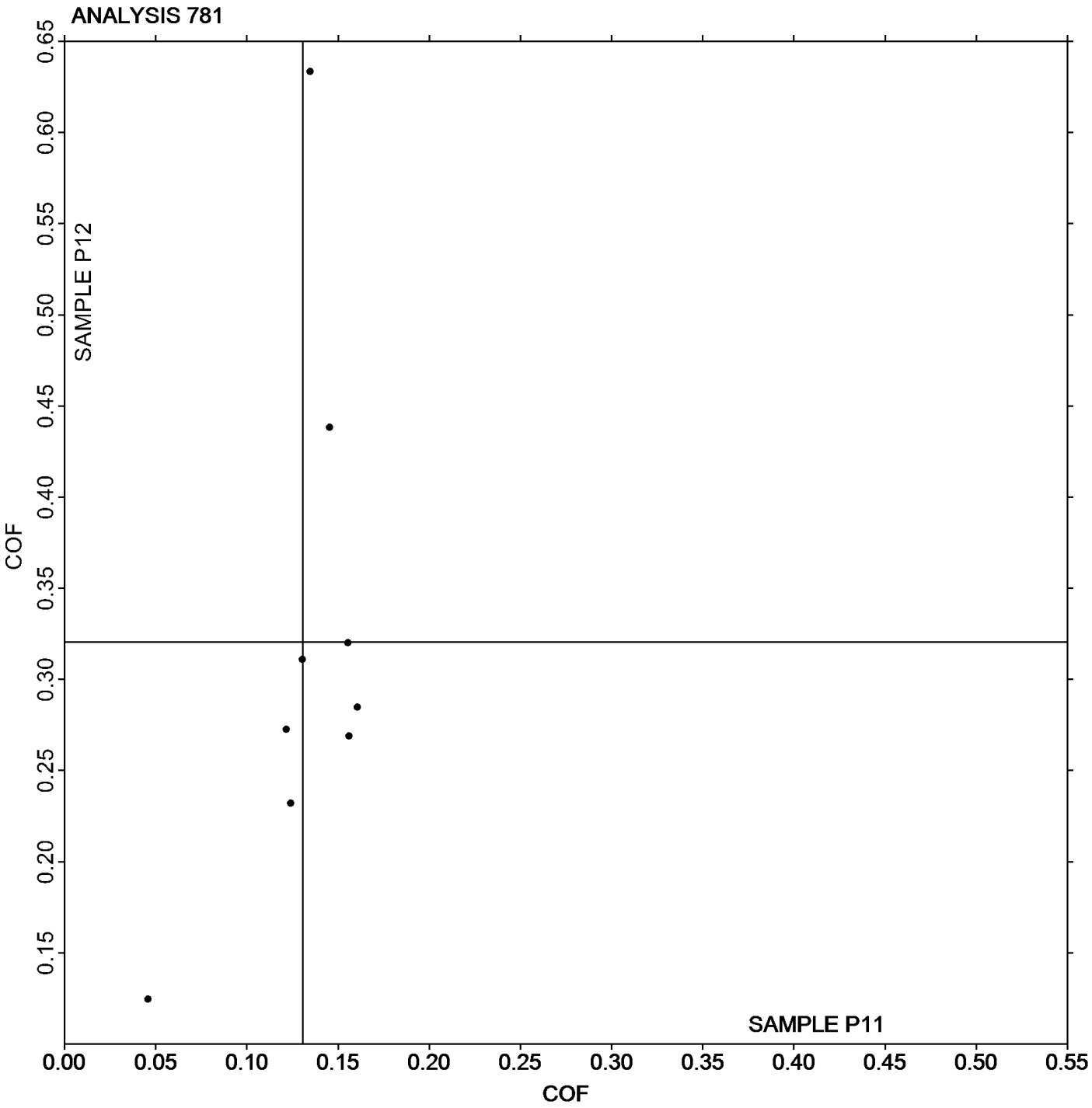
Statistics based on 9 of 9 reporting participants

Sample P11: LDPE & Sample P12: LDPE

Key to Instrument Codes Reported by Participants

IG	Instron	MI	MTS Insight
MS	MTS	TH	Thwing Albert Friction/Peel Tester Model 225-1
TM	TMI Slip and Friction Tester	TN	TMI #32-06
XX	Instrument make/model not specified by lab		

Grand Mean Sample P11: 0.13053 COF Grand Mean Sample P12: 0.32057 COF



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 Q11 Lab Mean	Sample Q11 Diff from Grand Mean	Sample Q11 CPV	Sample Q12 Lab Mean	Sample Q12 Diff from Grand Mean	Sample Q12 CPV	Instr Code
7Q7UMQ		274.0	-29.0	-0.71	269.1	-27.7	-0.96	TM
JR8FEW		281.0	-22.0	-0.54	321.1	24.3	0.84	TE
KJCXFE		280.0	-23.0	-0.56	272.2	-24.6	-0.85	SZ
MU7TTZ		370.2	67.3	1.64	334.2	37.4	1.30	TA
UNFQP2		337.7	34.7	0.85	311.6	14.8	0.51	LO
ZW7K4K		275.0	-28.0	-0.69	272.5	-24.3	-0.84	TE

Summary Statistics

	Sample Q11	Sample Q12
Grand Means	302.99 grams-force	296.79 grams-force
Stnd Dev Btwn Labs	40.91 grams-force	28.90 grams-force

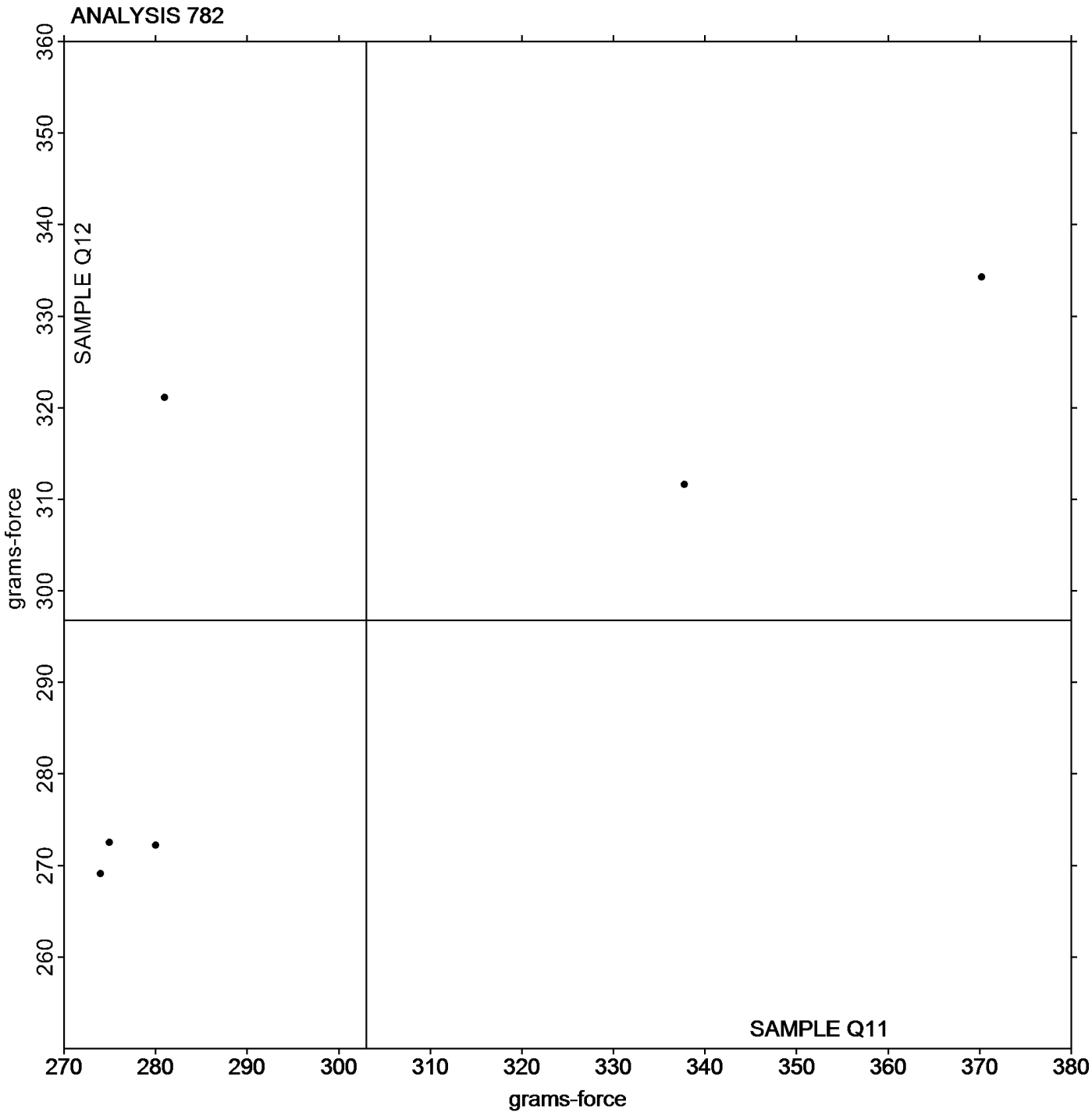
Statistics based on 6 of 6 reporting participants

Sample Q11: LDPE & Sample Q12: LDPE

Key to Instrument Codes Reported by Participants

LO Lorentzen & Wettre Model II
SZ Textest FX 3700
TA Thwing-Albert
TE Thwing-Albert Pro Tear
TM TMI No. 83-1100

Grand Mean Sample Q11: 302.99 grams-force Grand Mean Sample Q12: 296.79 grams-force



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 D11 Lab Mean	Sample D11 Diff from Grand Mean	Sample D11 CPV	Sample D12 Lab Mean	Sample D12 Diff from Grand Mean	Sample D12 CPV	Instr Code
3YAUAM		17.663	0.492	0.63	18.823	0.716	0.89	BJ
4PYUB7		18.761	1.591	2.04	20.114	2.007	2.50	XR
7Q7UMQ		18.963	1.792	2.30	18.888	0.781	0.97	BJ
9QXNXR		16.688	-0.483	-0.62	17.950	-0.157	-0.20	BJ
9UVAPU		17.713	0.542	0.69	18.088	-0.019	-0.02	BJ
B63YFV		16.625	-0.546	-0.70	17.905	-0.202	-0.25	XR
BFQVGW		17.025	-0.146	-0.19	17.675	-0.432	-0.54	BJ
FFA4VF		17.525	0.354	0.45	17.725	-0.382	-0.48	BJ
FV6P29		15.428	-1.743	-2.23	17.044	-1.063	-1.33	XR
JLMF26		17.875	0.704	0.90	18.563	0.456	0.57	BJ
JR8FEW		17.463	0.292	0.37	18.800	0.693	0.86	BJ
KJCXFE		16.938	-0.233	-0.30	17.975	-0.132	-0.16	BJ
MU7TTZ		18.095	0.924	1.18	20.073	1.966	2.45	XR
MY2JYB		17.325	0.154	0.20	17.488	-0.619	-0.77	BJ
P4KQAF		16.915	-0.256	-0.33	17.513	-0.594	-0.74	BJ
TMMFE9		16.786	-0.384	-0.49	18.169	0.062	0.08	XX
UUJUDE		16.343	-0.828	-1.06	17.710	-0.397	-0.50	HL
V4KMFE		16.463	-0.708	-0.91	16.763	-1.344	-1.68	BJ
VGDYUC		16.950	-0.221	-0.28	17.638	-0.469	-0.59	BJ
VH3APC		16.904	-0.267	-0.34	18.330	0.223	0.28	XX
XPX78Y		16.288	-0.883	-1.13	17.950	-0.157	-0.20	XR
Y6ME6W		17.088	-0.083	-0.11	18.200	0.093	0.12	BJ
ZGZ2Q3		16.825	-0.346	-0.44	17.575	-0.532	-0.66	BJ
ZW7K4K		17.450	0.279	0.36	17.613	-0.494	-0.62	BJ

Summary Statistics

	Sample D11	Sample D12
Grand Means	17.1706 Percent	18.1069 Percent
Stnd Dev Btwn Labs	0.7805 Percent	0.8017 Percent

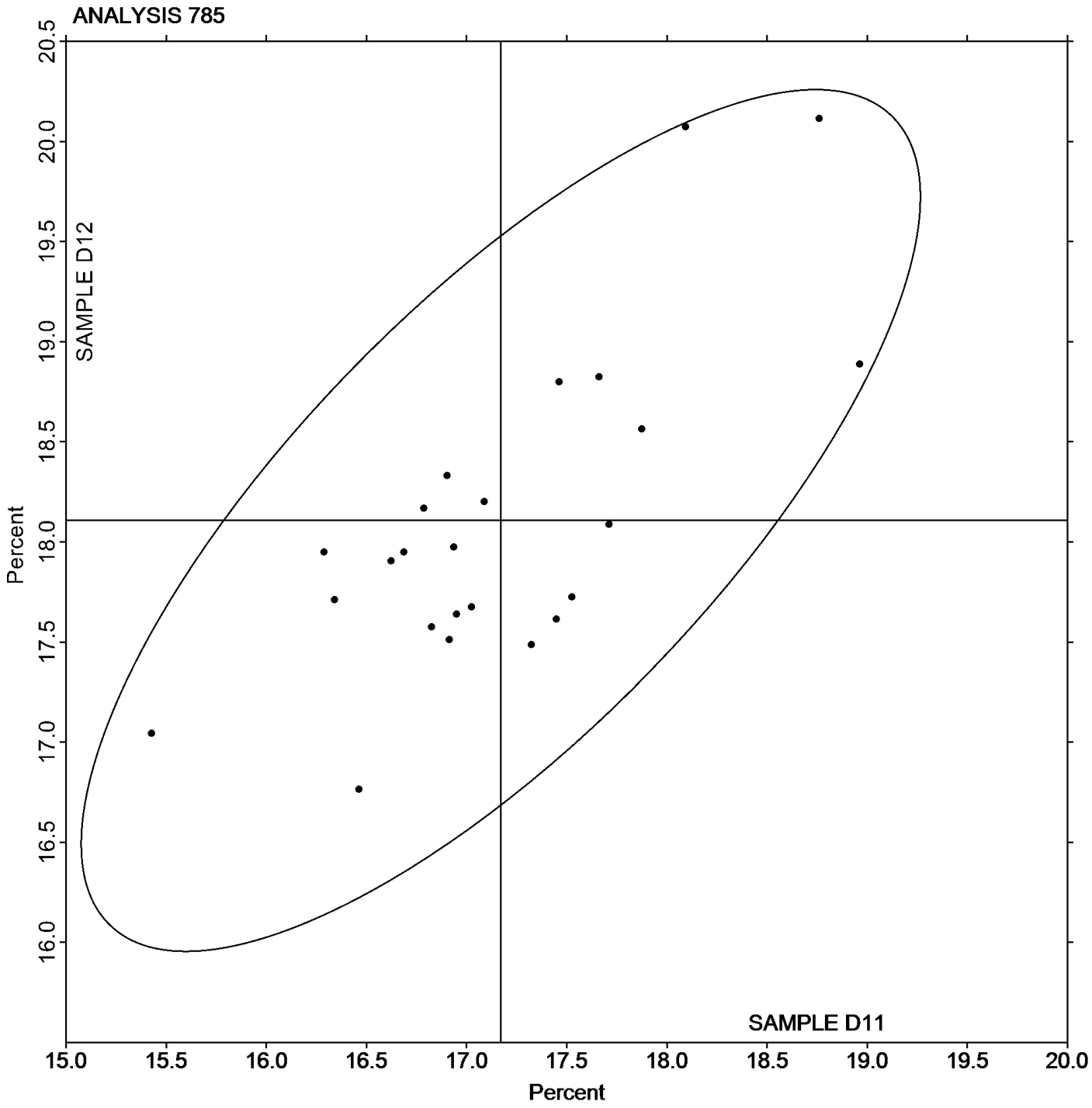
Statistics based on 24 of 24 reporting participants

Sample D11: LDPE & Sample D12: LDPE

Key to Instrument Codes Reported by Participants

BJ	BYK-Gardner Haze-Gard Plus/i	HL	Hunterlab Ultrascan
XR	X-Rite Spectrocolorimeter (any model)	XX	Instrument make/model not specified by lab

Grand Mean Sample D11: 17.171 Percent Grand Mean Sample D12: 18.107 Percent



WebCode	Data Flag	Sample D11 Lab Mean	Sample D11 Diff from Grand Mean	Sample D11 CPV	Sample D12 Lab Mean	Sample D12 Diff from Grand Mean	Sample D12 CPV	Instr Code
3YAUAM		93.85	1.19	1.18	93.85	1.23	1.18	BJ
4PYUB7		92.44	-0.23	-0.22	92.48	-0.14	-0.13	XR
7Q7UMQ		92.68	0.01	0.01	92.69	0.07	0.07	BJ
9QXNXR		93.16	0.50	0.50	92.94	0.32	0.31	BJ
9UVAPU		93.55	0.89	0.88	93.60	0.99	0.95	BJ
B63YFV		91.42	-1.24	-1.23	91.35	-1.26	-1.21	XR
BFQVGW		93.61	0.95	0.94	93.60	0.99	0.95	BJ
ERAENW		90.83	-1.84	-1.82	90.65	-1.96	-1.89	BJ
FFA4VF	X	83.96	-8.70	-8.64	83.83	-8.79	-8.44	BJ
FV6P29		91.27	-1.39	-1.38	91.31	-1.31	-1.26	XR
JLMF26		92.54	-0.12	-0.12	92.50	-0.11	-0.11	BJ
JR8FEW		92.44	-0.22	-0.22	92.26	-0.35	-0.34	BJ
KJCXFE		91.95	-0.71	-0.71	91.81	-0.80	-0.77	BJ
MY2JYB		93.33	0.66	0.66	93.19	0.57	0.55	BJ
P4KQAF		93.02	0.35	0.35	92.97	0.35	0.34	BJ
TMMFE9		93.03	0.36	0.36	93.14	0.52	0.50	XX
UUJUDE		90.96	-1.70	-1.69	90.81	-1.80	-1.73	XX
V4KMFE		93.36	0.70	0.69	93.41	0.80	0.77	BJ
VGDYUC		94.18	1.51	1.50	94.19	1.57	1.51	BJ
VH3APC	X	77.78	-14.89	-14.78	76.46	-16.15	-15.51	XX
XPX78Y		91.30	-1.36	-1.35	91.16	-1.45	-1.39	XR
Y6ME6W		94.08	1.41	1.40	93.96	1.35	1.29	BJ
ZGZ2Q3		93.14	0.48	0.47	93.10	0.49	0.47	BJ
ZW7K4K		92.46	-0.20	-0.20	92.55	-0.06	-0.06	BJ

Summary Statistics

	Sample D11	Sample D12
Grand Means	92.662 Percent	92.614 Percent
Stnd Dev Btwn Labs	1.007 Percent	1.042 Percent

Statistics based on 22 of 24 reporting participants

Sample D11: LDPE & Sample D12: LDPE

Comments on Assigned Data Flags for Test #786

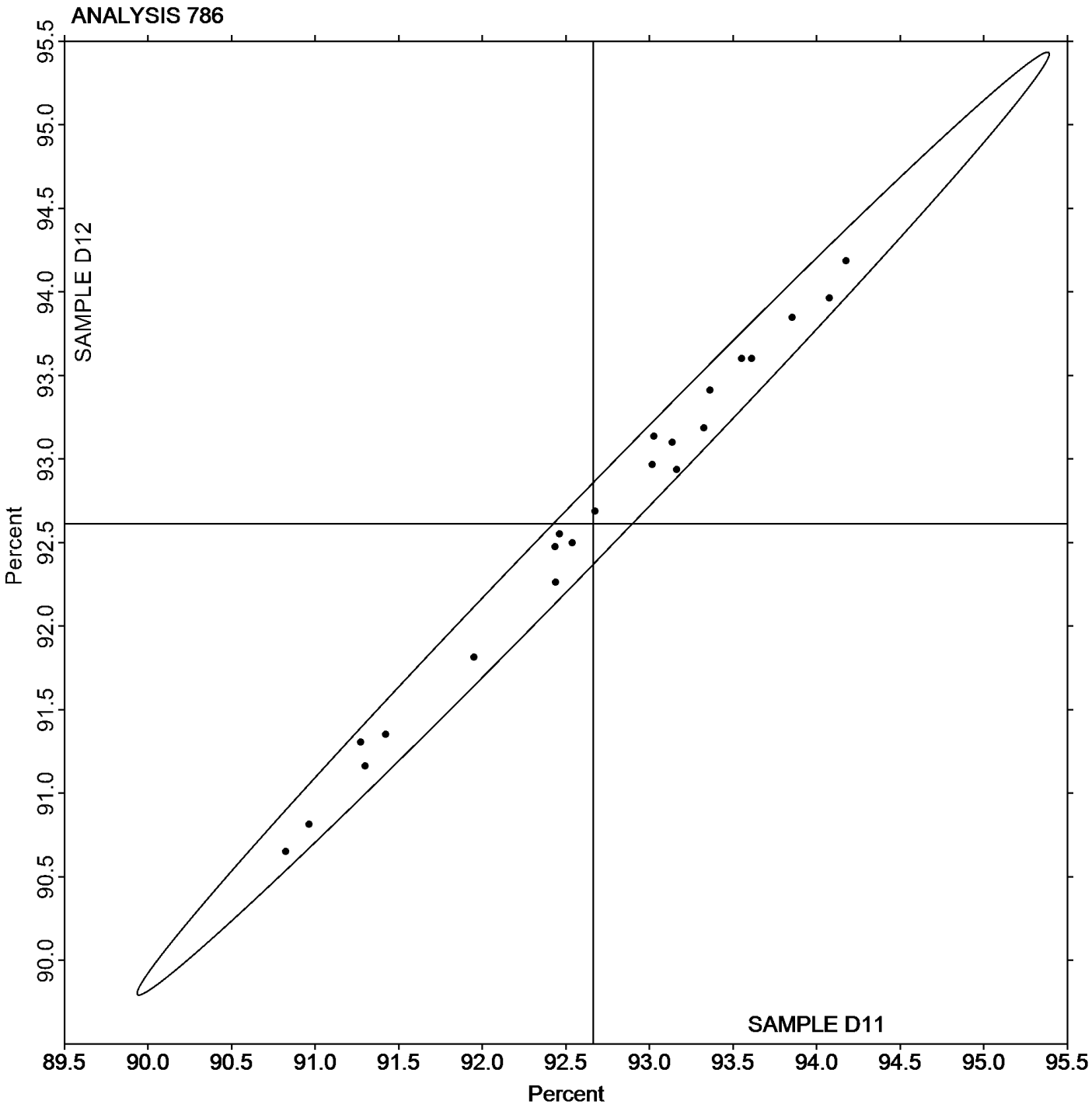
FFA4VF (X) - Data for both samples are low. Possible Systematic Error.

VH3APC (X) - Data for both samples are low. Inconsistent within the determinations of both samples.

Key to Instrument Codes Reported by Participants

BJ	BYK-Gardner Haze-Gard Plus/i	XR	X-Rite Spectrocolorimeter (any model)
XX	Instrument make/model not specified by lab		

Grand Mean Sample D11: 92.662 Percent Grand Mean Sample D12: 92.614 Percent



WebCode	Data Flag	Sample S11 Lab Mean	Sample S11 Diff from Grand Mean	Sample S11 CPV	Sample S12 Lab Mean	Sample S12 Diff from Grand Mean	Sample S12 CPV	Instr Code
244EU7		4.10	0.08	0.27	3.91	-0.11	-0.41	TO
2FXTXA	*	4.66	0.64	2.23	4.73	0.71	2.60	TO
2QJRTL		3.91	-0.11	-0.38	3.76	-0.26	-0.93	TO
3HHYWW		3.61	-0.41	-1.44	3.65	-0.37	-1.33	IN
62BG2H		4.50	0.47	1.65	4.44	0.42	1.54	TM
6AZA8M		4.31	0.28	0.99	4.44	0.42	1.52	XX
6DYL69		3.81	-0.21	-0.73	3.78	-0.24	-0.87	TO
7JLT6R		3.65	-0.37	-1.29	3.58	-0.43	-1.58	DY
7RYMFN		4.14	0.12	0.42	4.07	0.05	0.20	TO
8YV47K		3.73	-0.30	-1.04	3.83	-0.19	-0.69	TO
AA4J6N		3.75	-0.27	-0.96	3.79	-0.23	-0.82	WZ
BR3VFB		4.23	0.20	0.71	4.37	0.35	1.28	IN
FFA4VF		3.66	-0.36	-1.27	3.65	-0.36	-1.32	WZ
H4T6YB		3.89	-0.13	-0.45	3.95	-0.07	-0.25	IN
HUHXZM		3.81	-0.21	-0.75	3.81	-0.21	-0.76	CE
J487Z4		4.45	0.42	1.48	4.21	0.19	0.70	CE
J6FYDQ		4.07	0.05	0.17	3.96	-0.06	-0.23	TO
JLMF26	X	1.89	-2.13	-7.43	1.89	-2.13	-7.74	CE
JR8FEW		4.14	0.12	0.40	3.99	-0.03	-0.12	CE
KTL6FN		4.18	0.16	0.56	4.35	0.33	1.22	TM
LNKDP3		4.30	0.28	0.97	4.34	0.32	1.17	BA
NLVQ8Y	*	4.85	0.83	2.90	4.82	0.81	2.94	TM
P4KQAF		4.02	0.00	0.00	4.00	-0.02	-0.07	TY
PH67DE		4.34	0.32	1.10	4.23	0.21	0.76	IN
PKTKY4		3.83	-0.19	-0.66	3.81	-0.21	-0.76	CE
PMHRN7		3.94	-0.08	-0.27	3.96	-0.06	-0.22	TO
Q36P38		4.19	0.17	0.58	4.08	0.07	0.24	WZ
Q3P98D		3.77	-0.25	-0.88	3.75	-0.27	-0.97	XX
QLJ78K		3.68	-0.34	-1.19	3.75	-0.27	-0.97	WZ
RPXXXD		3.89	-0.13	-0.45	3.95	-0.07	-0.25	TY
TVJD3B		3.87	-0.16	-0.55	3.83	-0.19	-0.68	WZ
U26PEJ		3.90	-0.12	-0.43	3.79	-0.23	-0.84	TO
U2YFHC		4.24	0.22	0.77	4.29	0.27	0.99	TO
UL9BGA		3.84	-0.18	-0.64	3.93	-0.09	-0.33	TO
W2EETF		4.19	0.17	0.58	4.09	0.08	0.28	TY

WebCode	Data Flag	Sample S11 Lab Mean	Sample S11 Diff from Grand Mean	Sample S11 CPV	Sample S12 Lab Mean	Sample S12 Diff from Grand Mean	Sample S12 CPV	Instr Code
W84W9C		3.79	-0.23	-0.81	3.94	-0.08	-0.28	XX
WBJL7U	*	3.70	-0.32	-1.12	3.99	-0.03	-0.12	XX
X4XQ7B		4.09	0.07	0.23	4.12	0.10	0.38	TO
XCVHE6		4.48	0.46	1.60	4.30	0.28	1.03	TM
Z9JMJQ		3.90	-0.12	-0.43	3.87	-0.15	-0.55	TO
ZACDUC		3.90	-0.13	-0.44	3.88	-0.13	-0.49	TO
ZDDGLY		4.15	0.13	0.45	4.11	0.09	0.33	TO
ZGZ2Q3		3.94	-0.08	-0.29	3.97	-0.05	-0.19	WZ
ZU3PHW		3.78	-0.24	-0.85	3.92	-0.10	-0.36	TO
ZW7K4K		3.81	-0.21	-0.75	3.80	-0.21	-0.78	TO

Summary Statistics

	Sample S11	Sample S12
Grand Means	4.023 ft.lbf/in	4.018 ft.lbf/in
Stnd Dev Btwn Labs	0.286 ft.lbf/in	0.275 ft.lbf/in

Statistics based on 44 of 45 reporting participants

Sample S11: ABS & Sample S12: ABS

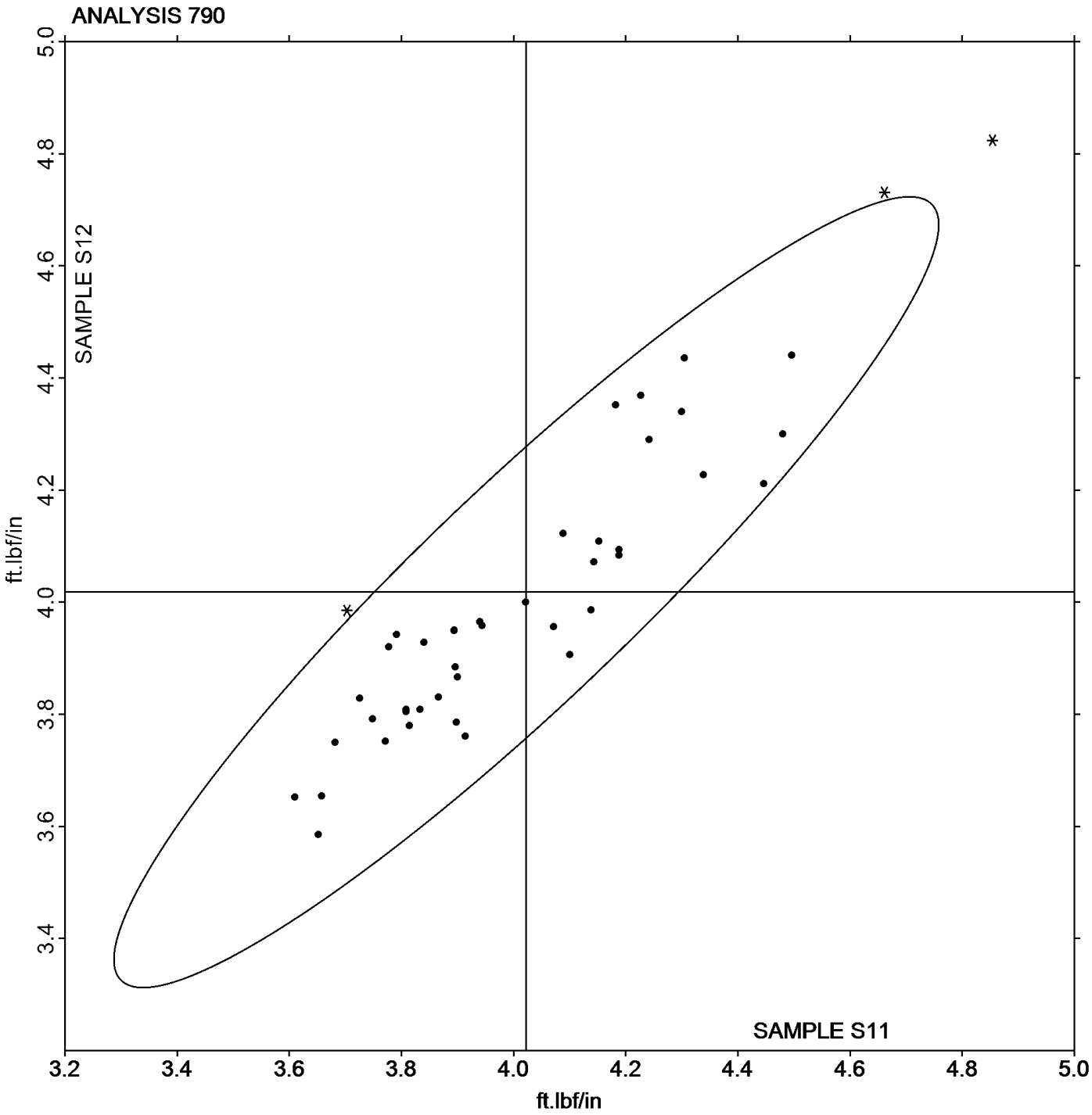
Comments on Assigned Data Flags for Test #790

JLMF26 (X) - Data for both samples are low. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

BA	Baldwin	CE	Ceast
DY	Dynatup	IN	Instron
TM	TMI	TO	Tinius Olsen
TY	Toyoseiki	WZ	Zwick
XX	Instrument manufacturer not specified by lab		

Grand Mean Sample S11: 4.0226 ft.lbf/in Grand Mean Sample S12: 4.0178 ft.lbf/in



WebCode	Data Flag	Sample Z11 Lab Mean	Sample Z11 Diff from Grand Mean	Sample Z11 CPV	Sample Z12 Lab Mean	Sample Z12 Diff from Grand Mean	Sample Z12 CPV	Instr Code
77D9JE		20.60	-0.30	-0.32	20.68	-0.22	-0.27	XX
7L9AH7		22.55	1.65	1.75	21.56	0.66	0.80	WZ
7LDRJQ		20.32	-0.58	-0.61	20.98	0.08	0.09	TO
7RGTJK		21.06	0.16	0.17	20.63	-0.27	-0.32	TO
7RYMFN		20.48	-0.42	-0.44	20.90	0.00	0.00	TO
9G8ARZ		18.56	-2.34	-2.48	18.86	-2.04	-2.47	TO
AA4J6N		20.53	-0.37	-0.39	20.88	-0.02	-0.02	WZ
ADLQMW		21.75	0.86	0.91	21.18	0.28	0.34	CE
APWDGE		21.09	0.19	0.20	20.90	-0.01	-0.01	TO
AVKYMF		19.83	-1.06	-1.13	19.85	-1.06	-1.28	IN
AW2YNW	X	9.35	-11.55	-12.23	9.47	-11.43	-13.82	TM
BMKZBX		20.37	-0.52	-0.55	20.34	-0.56	-0.68	CE
CVVJ6G		20.15	-0.75	-0.80	20.11	-0.79	-0.96	TY
GTCWYX		19.41	-1.49	-1.58	19.54	-1.36	-1.65	CE
H49GGG		20.99	0.09	0.10	21.04	0.14	0.17	XX
HPC8VV		21.15	0.25	0.27	22.00	1.10	1.33	WZ
JR8FEW		21.66	0.76	0.81	21.74	0.84	1.01	CE
K43UD8		22.33	1.43	1.51	22.03	1.13	1.37	CE
KTL6FN		21.02	0.12	0.13	21.78	0.88	1.07	XX
L2BANE	X	23.18	2.28	2.42	24.26	3.36	4.06	TO
P2E4UP		22.32	1.42	1.50	22.61	1.71	2.06	CE
P4KQAF		21.24	0.34	0.36	20.56	-0.34	-0.41	XX
Q36P38		21.70	0.80	0.85	21.87	0.96	1.17	WZ
Q3P98D		20.29	-0.61	-0.65	20.50	-0.40	-0.49	XX
QPHJNH		20.00	-0.90	-0.95	20.69	-0.21	-0.26	IN
QT6YL7	*	23.36	2.46	2.61	22.58	1.68	2.03	CE
QV8YJG		20.83	-0.07	-0.07	20.56	-0.34	-0.41	XX
RPXXXD		21.11	0.21	0.22	20.94	0.03	0.04	TY
RUBXV6		20.70	-0.19	-0.21	20.41	-0.50	-0.60	CE
TUNUZA		21.14	0.24	0.26	21.24	0.34	0.41	TO
TVJD3B		20.11	-0.79	-0.84	20.68	-0.22	-0.27	WZ
UL9BGA	X	3.07	-17.83	-18.88	3.05	-17.85	-21.58	TO
W84W9C		19.88	-1.02	-1.08	20.16	-0.74	-0.90	XX
X9V8J6		20.62	-0.28	-0.29	19.72	-1.18	-1.43	WZ
YHD9GQ		21.18	0.28	0.30	20.76	-0.15	-0.18	TO

WebCode	Data Flag	Sample Z11 Lab Mean	Sample Z11 Diff from Grand Mean	Sample Z11 CPV	Sample Z12 Lab Mean	Sample Z12 Diff from Grand Mean	Sample Z12 CPV	Instr Code
ZQ4DMW		21.71	0.81	0.86	21.52	0.61	0.74	TM
ZW7K4K		20.50	-0.40	-0.42	20.88	-0.02	-0.03	TO

Summary Statistics

	Sample Z11	Sample Z12
Grand Means	20.898 kJ/m^2	20.902 kJ/m^2
Stnd Dev Btwn Labs	0.944 kJ/m^2	0.827 kJ/m^2

Statistics based on 34 of 37 reporting participants

Sample Z11: ABS & Sample Z12: ABS

Comments on Assigned Data Flags for Test #791

L2BANE (X) - Data for sample Z12 are high. Inconsistent within the determinations of sample Z11.

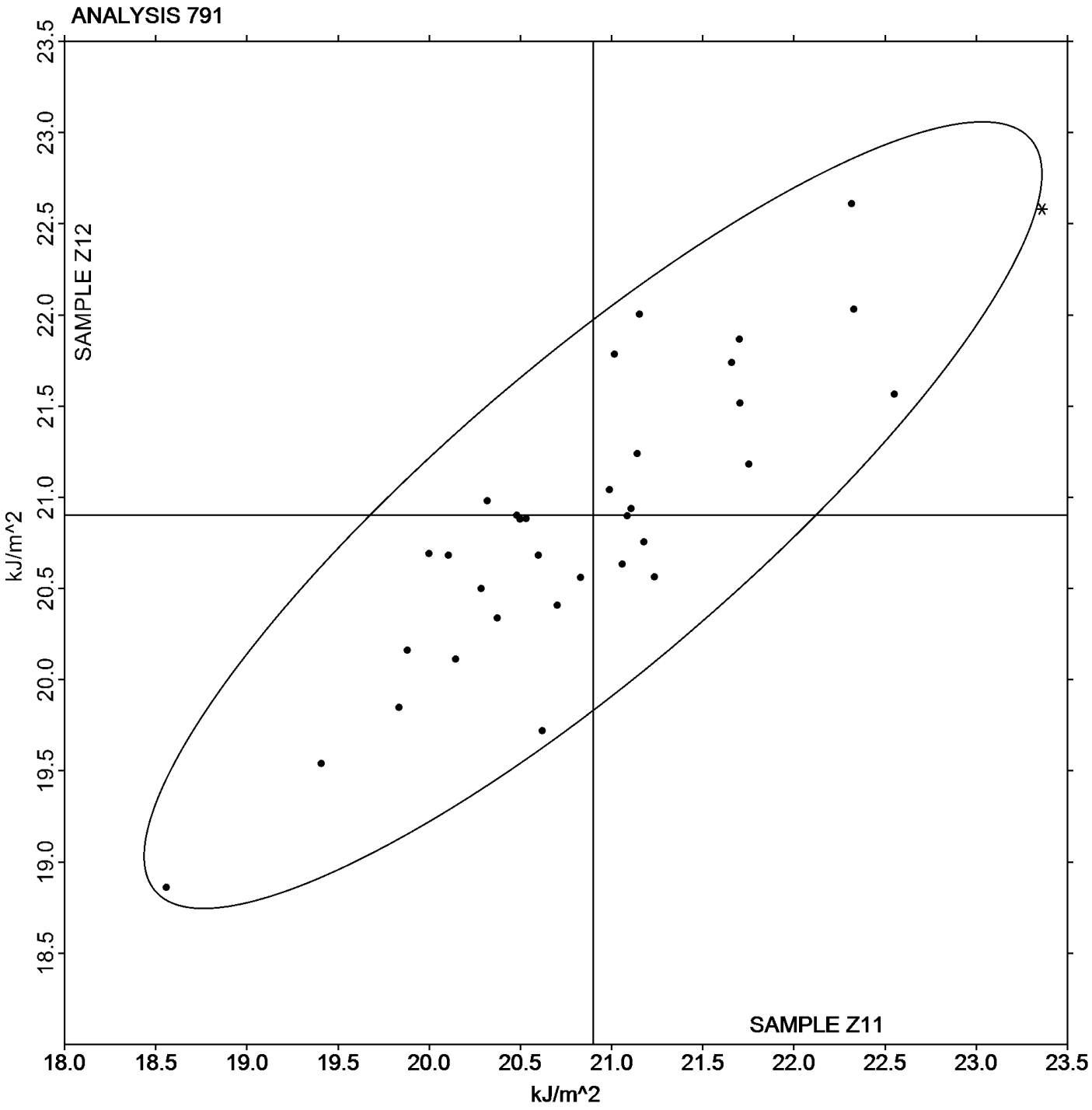
UL9BGA (X) - Extreme data.

AW2YNW (X) - Data for both samples are low.

Key to Instrument Codes Reported by Participants

CE	Ceast	IN	Instron
TM	TMI	TO	Tinius Olsen
TY	Toyoseiki	WZ	Zwick
XX	Instrument manufacturer not specified by lab		

Grand Mean Sample Z11: 20.898 kJ/m^2 Grand Mean Sample Z12: 20.902 kJ/m^2



WebCode	Data Flag	Sample M11 Lab Mean	Sample M11 Diff from Grand Mean	Sample M11 CPV	Sample M12 Lab Mean	Sample M12 Diff from Grand Mean	Sample M12 CPV	Instr Code
2FXTXA	X	27.23	5.47	4.49	26.52	4.95	4.64	TO
3CV8MH		21.61	-0.15	-0.12	21.97	0.40	0.37	CE
47LD47		23.48	1.72	1.41	23.02	1.45	1.36	TO
6TWVQT		20.70	-1.07	-0.87	20.69	-0.89	-0.83	TO
77D9JE		22.89	1.13	0.93	22.29	0.72	0.67	WZ
7EP8B4		20.85	-0.91	-0.75	20.72	-0.85	-0.80	XX
7LDRJQ		21.50	-0.26	-0.21	21.62	0.05	0.04	TO
8YV47K		23.15	1.39	1.14	22.14	0.56	0.53	TO
9G8ARZ	*	20.56	-1.20	-0.99	21.48	-0.09	-0.09	TO
AA4J6N		22.63	0.86	0.71	21.75	0.18	0.17	WZ
ADLQMW		22.54	0.78	0.64	22.59	1.01	0.95	CE
APWDGE		21.72	-0.04	-0.03	21.76	0.19	0.18	TO
BMKZBX		20.30	-1.46	-1.20	20.00	-1.57	-1.47	CE
CVVJ6G		21.35	-0.41	-0.34	21.18	-0.40	-0.37	TY
FV4UCB		21.13	-0.63	-0.52	21.14	-0.43	-0.40	WZ
GTCWYX		21.77	0.01	0.01	21.60	0.03	0.03	CE
H4T6YB		20.30	-1.47	-1.20	20.79	-0.78	-0.74	XX
HPC8VV		23.28	1.51	1.24	23.05	1.48	1.38	WZ
HUHXZM		21.26	-0.50	-0.41	21.45	-0.12	-0.11	WZ
J2GP6A		20.70	-1.06	-0.87	20.52	-1.05	-0.99	XX
JR8FEW		22.18	0.42	0.35	22.19	0.61	0.58	CE
K43UD8		20.90	-0.87	-0.71	20.77	-0.80	-0.75	CE
KTL6FN	*	25.29	3.53	2.90	24.96	3.39	3.17	XX
KUVARQ		22.35	0.59	0.49	21.72	0.15	0.14	WZ
L2BANE		23.02	1.26	1.03	22.59	1.02	0.95	TO
LNKDP3	X	27.38	5.62	4.61	27.25	5.68	5.32	XX
P2E4UP		22.61	0.85	0.69	21.61	0.04	0.04	CE
P4KQAF		21.45	-0.31	-0.25	21.73	0.15	0.14	TY
Q36P38		21.41	-0.35	-0.29	20.95	-0.63	-0.59	WZ
Q3P98D		20.64	-1.12	-0.92	20.64	-0.93	-0.88	XX
QPHJNH		21.92	0.16	0.13	21.61	0.04	0.03	IN
R3ZR6G		21.48	-0.28	-0.23	21.42	-0.15	-0.14	TO
RUBXV6		22.22	0.46	0.38	21.14	-0.43	-0.41	CE
T7GHPH		20.40	-1.37	-1.12	20.43	-1.15	-1.08	WZ
TUNUZA		20.60	-1.16	-0.95	20.88	-0.69	-0.65	TO

WebCode	Data Flag	Sample M11 Lab Mean	Sample M11 Diff from Grand Mean	Sample M11 CPV	Sample M12 Lab Mean	Sample M12 Diff from Grand Mean	Sample M12 CPV	Instr Code
TVJD3B		21.28	-0.48	-0.39	20.90	-0.68	-0.64	WZ
U26PEJ		21.07	-0.69	-0.56	20.33	-1.25	-1.17	TO
UCY4EF		23.38	1.62	1.33	22.54	0.97	0.91	TO
UL9BGA	X	3.50	-18.26	-14.99	3.44	-18.13	-17.00	TO
UUJUDE		23.47	1.71	1.41	23.48	1.90	1.78	TO
W2EETF		23.09	1.33	1.09	23.15	1.58	1.48	TY
W84W9C	*	18.16	-3.61	-2.96	18.82	-2.75	-2.58	XX
X9V8J6		21.24	-0.52	-0.43	21.12	-0.45	-0.43	WZ
YHD9GQ		21.98	0.22	0.18	21.59	0.02	0.01	TO
Z9JMJQ		22.28	0.52	0.43	21.70	0.13	0.12	IN
ZACDUC		20.48	-1.28	-1.05	20.35	-1.22	-1.15	TO
ZU3PHW		21.70	-0.06	-0.05	21.40	-0.17	-0.16	TO
ZW7K4K		21.28	-0.48	-0.39	21.22	-0.35	-0.33	TO
ZYFAR4		23.41	1.65	1.35	23.42	1.85	1.73	CE

Summary Statistics

	Sample M11	Sample M12
Grand Means	21.761 kJ/m^2	21.574 kJ/m^2
Stnd Dev Btwn Labs	1.218 kJ/m^2	1.067 kJ/m^2

Statistics based on 46 of 49 reporting participants

Sample M11: ABS & Sample M12: ABS

Comments on Assigned Data Flags for Test #792

2FXTXA (X) - Data for both samples are high. Possible Systematic Error.

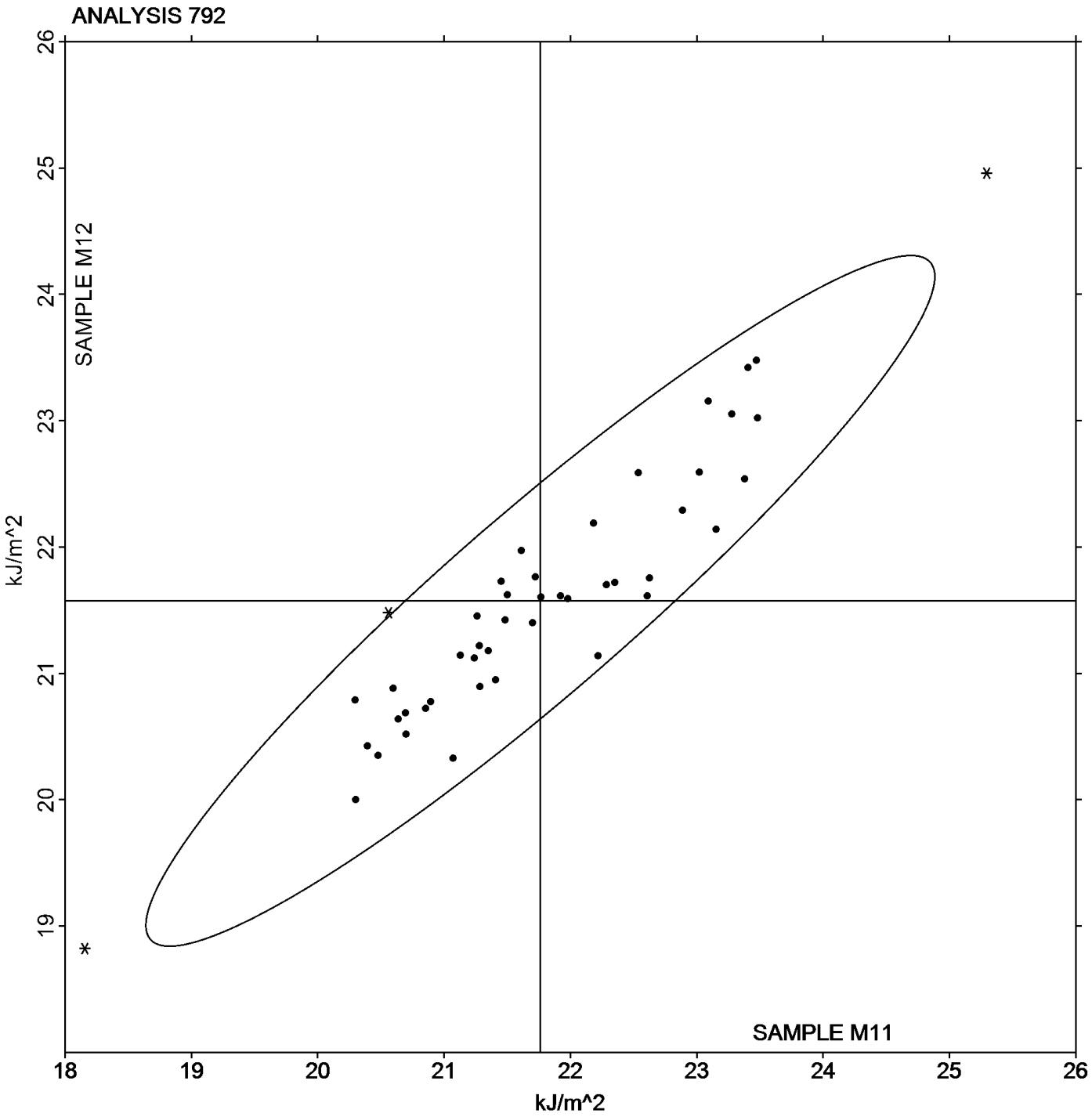
UL9BGA (X) - Extreme data.

LNKDP3 (X) - Data for both samples are high. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

CE	Ceast	IN	Instron
TO	Tinius Olsen	TY	Toyoseiki
WZ	Zwick	XX	Instrument manufacturer not specified by lab

Grand Mean Sample M11: 21.761 kJ/m^2 Grand Mean Sample M12: 21.574 kJ/m^2



-End of Report-