Collaborative Testing Services, Inc.

Plastics Interlaboratory Testing Program

Web Summary Report #134, 2nd Qtr 2025

About CTS and the Plastics Interlaboratory Program

Key for Web Summary Report

Results Summary for this Report

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
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755	Moisture Content of Plastics
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758	Thermogravimetric Analysis
760	DSC Crystallization Temperature
761	DSC Melt Temperature
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770	Tensile Stress at Yield, Film Samples
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773	Percent Elongation at Break, Film Samples
774	Thickness of Film Tensile Samples
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781	Coefficient of Friction: Kinetic
782	Tear Resistance of Films
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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 #134, 2nd Qtr 2025

Analysis 704 - Tensile Stress at Yield				
Material: ABS/PC	Sample F09	7,181.13	psi	1.53% COV
	Sample F10	7,180.63	psi	1.56% COV
Analysis 705 - Tensile Stress at Break				
Material: ABS/PC	Sample F09	6,602.41	psi	5.12% COV
	Sample F10	6,578.66	psi	4.90% COV
Analysis 706 - Percent Elongation at Yield				
Material: ABS/PC	Sample F09	4.4970	Percent	3.89% COV
	Sample F10	4.5027	Percent	4.06% COV
Analysis 708 - Modulus of Elasticity				
Material: ABS/PC	Sample F09	326.51	ksi	4.24% COV
	Sample F10	326.06	ksi	4.08% COV
Analysis 710 - Deflection Temp. Under Flexural Load (1.82 MPa)				
Material: ABS	Sample E09	83.314	Degrees C	1.81% COV
	Sample E10	83.293	Degrees C	1.63% COV
Analysis 711 - Deflection Temp. Under Flexural Load (0.455 MPa)				
Material: PP	Sample G09	113.56	Degrees C	9.18% COV
	Sample G10	113.68	Degrees C	9.14% COV
Analysis 712 - Temperature of Deflection (1.80 MPa)				
Material: ABS	Sample N09	83.521	Degrees C	0.963% COV
	Sample N10	83.497	Degrees C	0.955% COV
Analysis 715 - Vicat Temperature (Rate A)				
Material: ABS	Sample H09	104.40	Degrees C	1.10% COV
	Sample H10	104.37	Degrees C	1.07% COV
Analysis 716 - Vicat Temperature (Rate B)				
Material: ABS	Sample R09	105.86	Degrees C	1.02% COV
	Sample R10	105.85	Degrees C	1.11% COV
Analysis 718 - Specific Gravity				
Material: HIPS	Sample T09	1.0353	sp gr 23/23 C	0.258% COV
	Sample T10	1.0354	sp gr 23/23 C	0.242% COV
Analysis 720 - Flexural Modulus				
Material: HIPS	Sample J09	372.14	ksi	5.05% COV
	Sample J10	370.81	ksi	5.08% COV
Analysis 721 - Flexural Stress at 5% Strain				
Material: HIPS	Sample J09	6,835.76	psi	4.07% COV
	Sample J10	6,807.38	psi	3.98% COV
Analysis 722 - Flexural Stress at Yield				
Material: HIPS	Sample J09	6,830.30	psi	6.27% COV
	Sample J10	6,794.41	psi	6.86% COV
Analysis 730 - Tensile Stress at Yield, ISO Method				
Material: ABS/PC	Sample C09	49.671	MPa	1.79% COV
	Sample C10	49.639	MPa	1.83% COV
Analysis 731 - Tensile Stress at Break, ISO Method				
Material: ABS/PC	Sample C09	45.870	MPa	4.93% COV
	Sample C10	45.904	MPa	4.64% COV

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Results Summary for Report #134, 2nd Qtr 2025

Analysis 732 - Strain at Yield, ISO Method				
Material: ABS/PC	Sample C09	4.3343	Percent	4.03% COV
	Sample C10	4.3293	Percent	4.13% COV
Analysis 734 - Modulus of Elasticity, ISO Method				
Material: ABS/PC	Sample C09	2,274.29	MPa	3.83% COV
	Sample C10	2,279.14	MPa	3.88% COV
Analysis 736 - Flexural Modulus				
Material: ABS/PC	Sample K09	2,283.60	MPa	3.66% COV
	Sample K10	2,291.59	MPa	3.36% COV
Analysis 737 - Flexural Stress at 3.5% Strain				
Material: ABS/PC	Sample K09	70.778	MPa	2.80% COV
	Sample K10	70.718	MPa	3.21% COV
Analysis 738 - Flexural Stress at Yield				
Material: ABS/PC	Sample K09	78.879	MPa	3.77% COV
	Sample K10	78.519	MPa	4.51% COV
Analysis 750 - Flow Rate (190C or 230C/2.16 kg)				
Material: PP	Sample X09	12.479	grams/10 mins	6.27% COV
	Sample X10	12.459	grams/10 mins	6.00% COV
Analysis 755 - Moisture Content				
Material: HIPS	Sample Y09	0.01608	Percent	40.7% COV
	Sample Y10	0.01547	Percent	36.2% COV
Analysis 757 - Ash Content				
Material: PBT	Sample L09	29.710	Percent	0.255% COV
	Sample L10	29.711	Percent	0.296% COV
Analysis 758 - TGA				
Material: PP	Sample A09	79.107	Percent	0.841% COV
	Sample A10	78.986	Percent	0.604% COV
Analysis 760 - DSC Crystallization Temperature				
Material: PBT	Sample W09	172.78	Degrees Celsius	3.75% COV
	Sample W10	172.87	Degrees Celsius	3.83% COV
Analysis 761 - DSC Melt Temperature				
Material: PBT	Sample W09	223.62	Degrees Celsius	0.672% COV
	Sample W10	223.74	Degrees Celsius	0.757% COV
Analysis 762 - DSC Enthalpy of Crystallization				
Material: PBT	Sample W09	46.688	Joules Per Gram	8.11% COV
	Sample W10	46.802	Joules Per Gram	8.68% COV
Analysis 763 - DSC Enthalpy of Fusion				
Material: PBT	Sample W09	41.234	Joules Per Gram	12.0% COV
	Sample W10	41.816	Joules Per Gram	11.3% COV
Analysis 764 - DSC Glass Transition Temperature				
Material: PET	Sample V09	81.744	Degrees Celsius	1.46% COV
	Sample V10	81.674	Degrees Celsius	1.71% COV
Analysis 765 - Research Crystallization Peak Temperature				
Material: PBT	Sample W09	172.47	Degrees Celsius	2.23% COV
	Sample W10	172.50	Degrees Celsius	2.01% COV

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Analysis 766 - Research Melting Peak Temperature				
Material: PBT	Sample W09	223.02	Degrees Celsius	0.652% COV
	Sample W10	222.98	Degrees Celsius	0.580% COV
Analysis 767 - Research Heat of Crystallization				
Material: PBT	Sample W09	47.744	Joules Per Gram	6.32% COV
	Sample W10	47.347	Joules Per Gram	6.36% COV
Analysis 768 - Research Heat of Fusion				
Material: PBT	Sample W09	44.866	Joules Per Gram	12.6% COV
	Sample W10	44.253	Joules Per Gram	11.6% COV
Analysis 769 - Research Glass Transition Temperature				
Material: PET	Sample V09	81.385	Degrees Celsius	1.61% COV
	Sample V10	81.765	Degrees Celsius	1.61% COV
Analysis 770 - Tensile Stress at Yield, Films				
Material: LDPE	Sample B09	1,700.62	psi	8.56% COV
	Sample B10	1,718.43	psi	8.30% COV
Analysis 771 - Tensile Stress at Break, Films				
Material: LDPE	Sample B09	3,185.48	psi	11.1% COV
	Sample B10	3,319.18	psi	10.4% COV
Analysis 772 - Elongation at Yield, Films				
Material: LDPE	Sample B09	72.313	Percent	30.8% COV
	Sample B10	74.730	Percent	30.8% COV
Analysis 773 - Elongation at Break, Films				
Material: LDPE	Sample B09	744.37	Percent	15.0% COV
	Sample B10	758.58	Percent	12.6% COV
Analysis 774 - Thickness of Film Specimens				
Material: LDPE	Sample B09	2.8094	mils	4.77% COV
	Sample B10	2.8020	mils	7.41% COV
Analysis 775 - Secant Modulus at 1% Strain				
Material: LDPE	Sample B09	32,778.50	psi	11.8% COV
	Sample B10	31,932.86	psi	9.03% COV
Analysis 776 - Secant Modulus at 2% Strain				
Material: LDPE	Sample B09	29,644.36	psi	16.2% COV
	Sample B10	29,476.38	psi	15.8% COV
Analysis 780 - Static Friction				
Material: LDPE	Sample P09	0.15033	COF	28.0% COV
	Sample P10	0.18095	COF	27.9% COV
Analysis 781 - Kinetic Friction				
Material: LDPE	Sample P09	0.09998	COF	22.6% COV
	Sample P10	0.12268	COF	24.0% COV
Analysis 782 - Tear Resistance of Film				
Material: LDPE	Sample Q09	593.91	grams-force	13.5% COV
	Sample Q10	672.16	grams-force	10.4% COV
Analysis 785 - Percent Haze				
Material: LDPE	Sample D09	20.778	Percent	4.37% COV
	Sample D10	20.777	Percent	4.24% COV

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Results Summary for Report #134, 2nd Qtr 2025

Analysis 786 - Total Transmittance

Material: LDPE	Sample D09	92.905	Percent	1.38% COV
	Sample D10	92.859	Percent	1.35% COV

Analysis 790 - Notched Izod Impact

Material: HIPS	Sample S09	1.8762	ft.lbf/in	9.29% COV
	Sample S10	1.8710	ft.lbf/in	9.61% COV

Analysis 791 - Notched Izod Impact

Material: HIPS	Sample Z09	8.5419	kJ/m^2	4.29% COV
	Sample Z10	8.5873	kJ/m^2	4.66% COV

Analysis 792 - Notched Charpy Impact

Material: ABS/PC	Sample M09	47.884	kJ/m^2	7.95% COV
	Sample M10	47.784	kJ/m^2	7.76% COV

WebCode	Data Flag	Sample F09 Lab Mean	Sample F09 Diff from Grand Mean	Sample F09 CPV	Sample F10 Lab Mean	Sample F10 Diff from Grand Mean	Sample F10 CPV
2CGX4B		7,213.0	31.9	0.29	7,218.8	38.2	0.34
2T2LD6		7,196.0	14.9	0.14	7,210.0	29.4	0.26
3YMXPD	X	7,076.0	-105.1	-0.96	7,195.7	15.1	0.14
63GEFC		7,288.9	107.8	0.98	7,293.3	112.7	1.01
63GG6G		7,119.2	-62.0	-0.56	7,169.5	-11.2	-0.10
6NXR7E		7,228.0	46.9	0.43	7,228.0	47.4	0.42
793UJA		7,246.4	65.3	0.60	7,213.9	33.3	0.30
863Z3J		7,126.0	-55.1	-0.50	7,082.0	-98.6	-0.88
8DBR89		7,246.0	64.9	0.59	7,178.0	-2.6	-0.02
8DUFP3		7,252.0	70.9	0.65	7,278.2	97.6	0.87
8UVFH3		7,213.1	31.9	0.29	7,169.5	-11.2	-0.10
99F6AD		7,389.2	208.1	1.90	7,374.8	194.2	1.74
9FCZ9C		7,242.4	61.3	0.56	7,266.2	85.6	0.77
9K8RHU		6,968.2	-212.9	-1.94	6,952.0	-228.6	-2.05
9R7D7M		7,316.4	135.3	1.23	7,322.2	141.6	1.27
B98ZNZ	X	6,461.4	-719.7	-6.56	6,450.2	-730.4	-6.54
BD2WCQ		7,255.4	74.3	0.68	7,287.6	107.0	0.96
BTE7G2		6,978.8	-202.3	-1.84	6,988.2	-192.4	-1.72
CJJLA7		7,189.0	7.8	0.07	7,174.8	-5.8	-0.05
CRGCW2		7,133.9	-47.2	-0.43	7,139.1	-41.5	-0.37
CVEZA3	M	7,204.0	22.9	0.21	No data reported for this sample		
DH4PH7		7,091.8	-89.3	-0.81	7,075.3	-105.3	-0.94
DM246W		7,141.1	-40.0	-0.36	7,141.0	-39.6	-0.35
DR9WW7		7,086.6	-94.5	-0.86	7,104.0	-76.6	-0.69
EYA9T4		6,968.1	-213.0	-1.94	6,995.2	-185.4	-1.66
FPFKB7		7,129.4	-51.7	-0.47	7,128.4	-52.2	-0.47
H3DDWY	X	7,297.4	116.3	1.06	7,115.8	-64.8	-0.58
HKVC3W		7,385.4	204.3	1.86	7,388.3	207.7	1.86
HPNCGR		7,083.4	-97.7	-0.89	7,101.4	-79.2	-0.71
JTJPE2		7,252.6	71.5	0.65	7,238.0	57.4	0.51
K4KBGU		7,275.7	94.6	0.86	7,238.3	57.7	0.52
KP6AMN		7,078.0	-103.1	-0.94	7,062.0	-118.6	-1.06
KPLJGB	X	7,647.0	465.9	4.25	7,619.6	439.0	3.93
KV7LHL		7,155.8	-25.3	-0.23	7,156.2	-24.4	-0.22
L8EQ7T		7,252.2	71.1	0.65	7,243.8	63.2	0.57

WebCode	Data Flag	Sample F09 Lab Mean	Sample F09 Diff from Grand Mean	Sample F09 CPV	Sample F10 Lab Mean	Sample F10 Diff from Grand Mean	Sample F10 CPV
M3YD4K		7,267.2	86.1	0.78	7,291.8	111.2	1.00
MPUEVE		6,962.7	-218.4	-1.99	6,936.3	-244.3	-2.19
NQ6J7G		7,088.3	-92.8	-0.85	7,104.5	-76.2	-0.68
NU3XWR		7,281.6	100.5	0.92	7,244.0	63.4	0.57
PDCG2U		7,058.2	-122.9	-1.12	7,096.0	-84.6	-0.76
PXWCU2		7,213.4	32.3	0.29	7,236.4	55.8	0.50
RBXP84		7,251.4	70.2	0.64	7,193.4	12.7	0.11
T7YW7K	X	7,033.8	-147.3	-1.34	7,159.6	-21.0	-0.19
TJ7LLA		7,257.8	76.7	0.70	7,232.6	52.0	0.47
TNGUQK		6,968.0	-213.1	-1.94	6,952.0	-228.6	-2.05
TWBWW3		7,140.6	-40.5	-0.37	7,072.4	-108.2	-0.97
TZVV7Q		7,176.8	-4.3	-0.04	7,146.7	-34.0	-0.30
U3X7GK		7,252.0	70.8	0.65	7,281.0	100.3	0.90
UDBBNF		7,129.0	-52.1	-0.47	7,124.9	-55.7	-0.50
UJ2KXE	*	7,490.0	308.9	2.81	7,490.0	309.4	2.77
UWQKPG		7,314.2	133.1	1.21	7,323.8	143.2	1.28
VA9UQC		7,228.0	46.9	0.43	7,294.0	113.4	1.01
VD7DQP		7,230.0	48.9	0.45	7,256.0	75.4	0.67
VEM8TK		7,301.0	119.9	1.09	7,266.0	85.4	0.76
VNQH6G		7,176.0	-5.1	-0.05	7,224.0	43.4	0.39
WJUDNH		7,192.9	11.7	0.11	7,222.0	41.4	0.37
WUDW3M		7,122.0	-59.1	-0.54	7,088.0	-92.6	-0.83
WY8QYN		7,229.3	48.2	0.44	7,221.4	40.7	0.36
XAHJ69		7,070.8	-110.3	-1.01	7,134.1	-46.6	-0.42
XEE6WC		7,115.3	-65.8	-0.60	7,145.0	-35.7	-0.32
XHFBBH		7,046.2	-134.9	-1.23	7,011.8	-168.8	-1.51
XTXR7A		7,066.0	-115.1	-1.05	7,072.0	-108.6	-0.97
YEUQ7D		7,172.4	-8.7	-0.08	7,228.4	47.8	0.43
Z9YG9K	X	6,634.0	-547.1	-4.99	6,840.0	-340.6	-3.05
ZX3BG8		7,202.1	21.0	0.19	7,170.5	-10.1	-0.09

Summary Statistics	Sample F09	Sample F10
Grand Means	7,181.13 psi	7,180.63 psi
Stnd Dev Btwn Labs	109.72 psi	111.69 psi

Statistics based on 58 of 65 reporting participants

Sample F09: ABS/PC & Sample F10: ABS/PC

Comments on Assigned Data Flags for Test #704

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

T7YW7K (X) - Inconsistent in testing between samples.

CVEZA3 (M) - Participant did not submit data for sample F10.

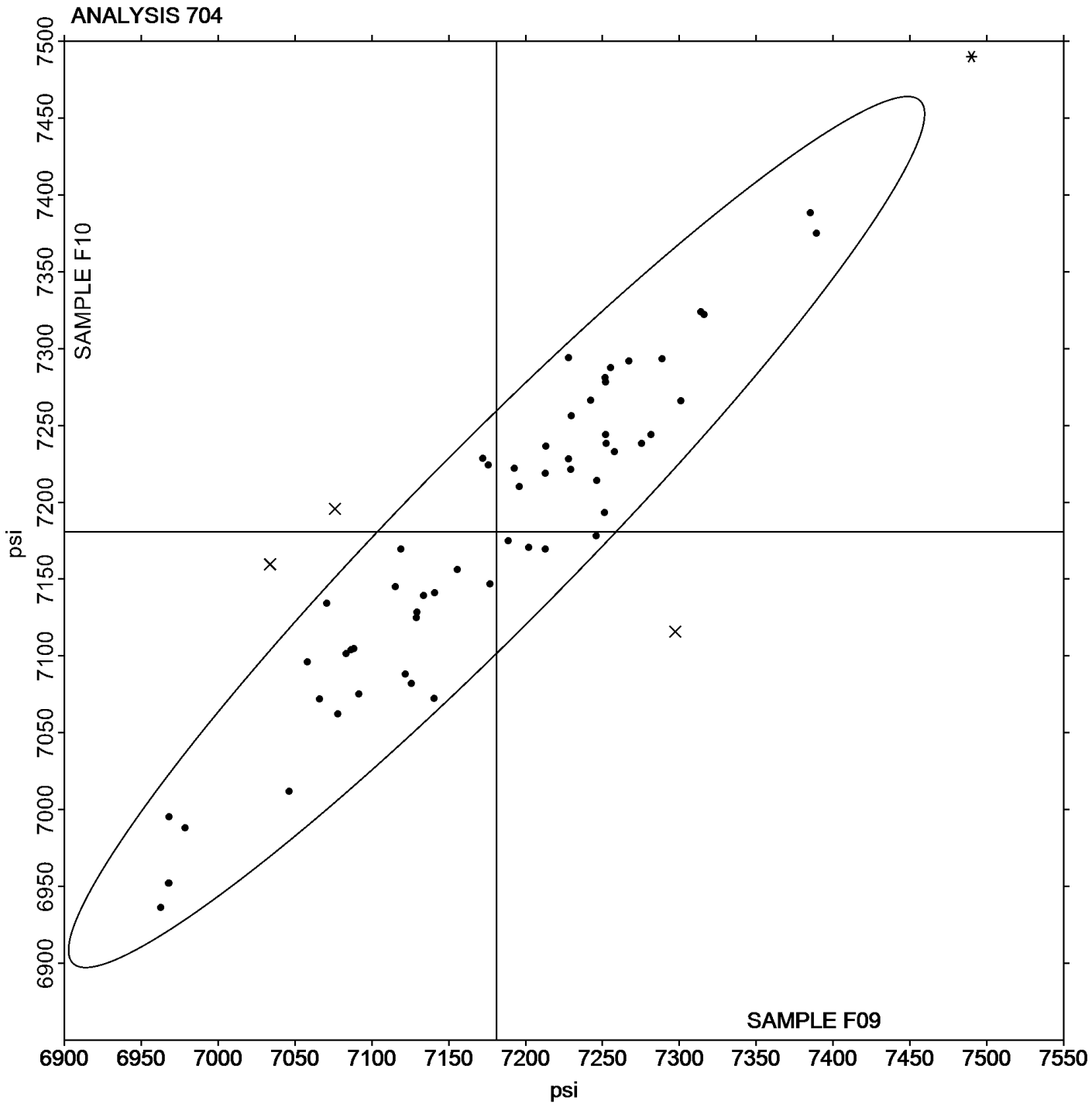
3YMXPD (X) - Inconsistent in testing between samples.

H3DDWY (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F10.

Z9YG9K (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

B98ZNZ (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample F09: 7,181.13 psi Grand Mean Sample F10: 7,180.63 psi



WebCode	Data Flag	Sample F09 Lab Mean	Sample F09 Diff from Grand Mean	Sample F09 CPV	Sample F10 Lab Mean	Sample F10 Diff from Grand Mean	Sample F10 CPV
2CGX4B		6,338.0	-264.4	-0.78	6,292.8	-285.9	-0.89
2T2LD6		6,314.6	-287.8	-0.85	6,265.0	-313.7	-0.97
3YMXPD		6,464.8	-137.6	-0.41	6,824.7	246.0	0.76
793UJA		6,675.6	73.2	0.22	6,710.4	131.7	0.41
863Z3J		6,406.0	-196.4	-0.58	6,655.0	76.3	0.24
8DBR89		6,747.0	144.6	0.43	6,697.4	118.7	0.37
8DUFP3		7,250.8	648.4	1.92	6,783.4	204.7	0.64
8UVFH3		6,812.2	209.8	0.62	6,707.6	129.0	0.40
99F6AD		6,531.2	-71.2	-0.21	6,526.4	-52.3	-0.16
9FCZ9C		6,158.8	-443.6	-1.31	6,313.8	-264.9	-0.82
9K8RHU		6,136.8	-465.6	-1.38	6,121.4	-457.3	-1.42
9R7D7M		6,492.0	-110.4	-0.33	6,699.8	121.1	0.38
B98ZNZ		7,246.8	644.4	1.91	7,219.4	640.7	1.99
BD2WCQ		6,375.2	-227.2	-0.67	6,370.0	-208.7	-0.65
BTE7G2		6,367.0	-235.4	-0.70	6,567.4	-11.3	-0.03
CJJLA7		7,136.6	534.2	1.58	6,817.9	239.3	0.74
CRGCW2		6,379.3	-223.1	-0.66	6,277.6	-301.1	-0.93
CVEZA3	M	7,042.0	439.6	1.30	No data reported for this sample		
DH4PH7		6,348.1	-254.3	-0.75	6,288.9	-289.8	-0.90
DM246W	X	6,528.8	-73.6	-0.22	7,478.2	899.6	2.79
DR9WW7		6,320.5	-281.9	-0.83	6,396.8	-181.9	-0.56
EYA9T4	*	6,616.7	14.3	0.04	6,103.2	-475.4	-1.48
FPFKB7		7,026.2	423.8	1.25	6,788.6	209.9	0.65
H3DDWY		6,301.6	-300.8	-0.89	6,198.0	-380.7	-1.18
HKVC3W		6,535.5	-67.0	-0.20	6,634.1	55.4	0.17
HPNCGR		6,652.9	50.5	0.15	6,627.1	48.5	0.15
JTJPE2		6,706.8	104.4	0.31	6,931.4	352.7	1.09
K4KBGU		6,990.9	388.5	1.15	6,924.2	345.5	1.07
KP6AMN		6,222.0	-380.4	-1.13	6,560.0	-18.7	-0.06
KPLJGB		7,124.0	521.6	1.54	6,981.2	402.5	1.25
KV7LHL	*	7,436.8	834.4	2.47	7,519.0	940.3	2.92
L8EQ7T		7,015.2	412.8	1.22	7,019.0	440.4	1.37
M3YD4K		6,513.0	-89.4	-0.26	6,406.0	-172.7	-0.54
MPUEVE		6,449.6	-152.8	-0.45	6,598.9	20.2	0.06
NQ6J7G		6,423.2	-179.2	-0.53	6,222.2	-356.5	-1.11

WebCode	Data Flag	Sample F09 Lab Mean	Sample F09 Diff from Grand Mean	Sample F09 CPV	Sample F10 Lab Mean	Sample F10 Diff from Grand Mean	Sample F10 CPV
NU3XWR		6,438.4	-164.0	-0.49	6,499.4	-79.3	-0.25
PDCG2U		6,160.0	-442.4	-1.31	6,100.0	-478.7	-1.49
PP7XQV		7,162.7	560.3	1.66	7,178.7	600.0	1.86
PXWCU2		6,934.6	332.2	0.98	6,931.2	352.5	1.09
RBXP84		6,467.9	-134.5	-0.40	6,600.4	21.8	0.07
TJ7LLA		6,394.2	-208.2	-0.62	6,277.0	-301.7	-0.94
TNGUQK		6,211.6	-390.8	-1.16	6,052.0	-526.7	-1.63
TWBWW3		6,320.6	-281.8	-0.83	6,311.6	-267.1	-0.83
TZVV7Q		6,467.0	-135.4	-0.40	6,490.2	-88.5	-0.27
U3X7GK		6,903.9	301.4	0.89	6,816.8	238.2	0.74
UDBBNF		7,144.1	541.7	1.60	7,004.7	426.1	1.32
UJ2KXE		6,710.0	107.6	0.32	6,556.0	-22.7	-0.07
UWQKPG		6,587.4	-15.0	-0.04	6,584.4	5.7	0.02
VA9UQC		6,251.0	-351.4	-1.04	6,361.0	-217.7	-0.68
VD7DQP		6,928.0	325.6	0.96	6,726.0	147.3	0.46
VEM8TK		6,429.4	-173.0	-0.51	6,453.4	-125.3	-0.39
WJUDNH	*	7,105.6	503.2	1.49	6,456.9	-121.8	-0.38
WUDW3M		6,514.0	-88.4	-0.26	6,574.0	-4.7	-0.01
WY8QYN		6,552.9	-49.5	-0.15	6,610.9	32.3	0.10
XAHJ69		6,484.6	-117.8	-0.35	6,450.5	-128.1	-0.40
XEE6WC		6,779.0	176.5	0.52	6,791.6	213.0	0.66
XHFBBH		5,937.4	-665.0	-1.97	5,776.6	-802.1	-2.49
XTXR7A		6,218.0	-384.4	-1.14	6,190.0	-388.7	-1.21
YEUQ7D		6,853.6	251.2	0.74	6,502.4	-76.3	-0.24
Z9YG9K		6,300.0	-302.4	-0.90	6,772.0	193.3	0.60
ZX3BG8		6,770.7	168.3	0.50	7,024.5	445.8	1.38

Summary Statistics

	Sample F09	Sample F10
Grand Means	6,602.41 psi	6,578.66 psi
Stnd Dev Btwn Labs	337.72 psi	322.16 psi

Statistics based on 59 of 61 reporting participants

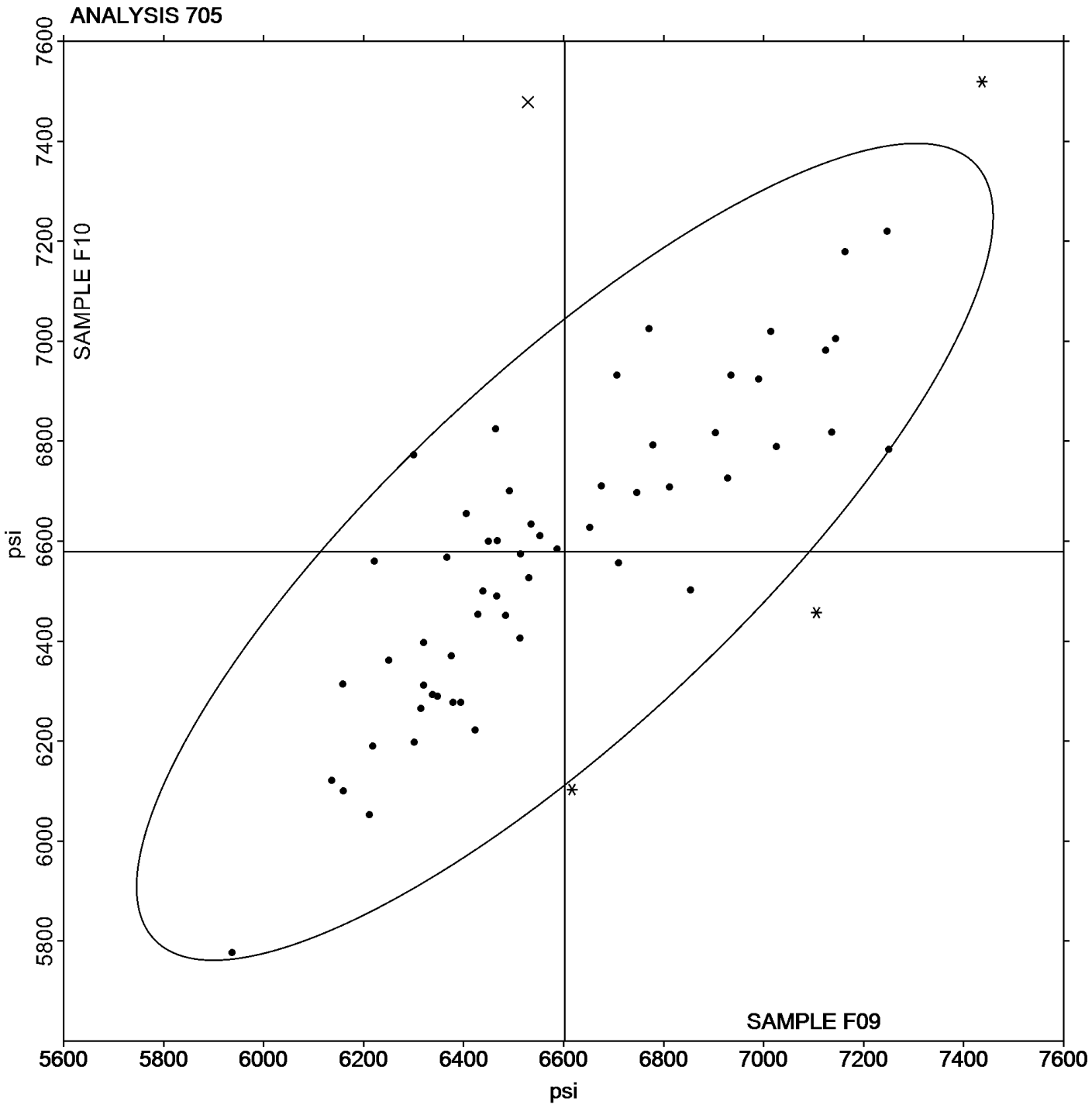
Sample F09: ABS/PC & Sample F10: ABS/PC

Comments on Assigned Data Flags for Test #705

CVEZA3 (M) - Participant did not submit data for sample F10.

DM246W (X) - Data for sample F10 are high. Inconsistent within the determinations of sample F10.

Grand Mean Sample F09: 6,602.41 psi Grand Mean Sample F10: 6,578.66 psi



WebCode	Data Flag	Sample F09 Lab Mean	Sample F09 Diff from Grand Mean	Sample F09 CPV	Sample F10 Lab Mean	Sample F10 Diff from Grand Mean	Sample F10 CPV
2CGX4B		4.488	-0.009	-0.05	4.580	0.077	0.42
2T2LD6		4.594	0.097	0.55	4.534	0.031	0.17
63GEFC		4.380	-0.117	-0.67	4.436	-0.067	-0.36
63GG6G		4.517	0.020	0.12	4.446	-0.057	-0.31
793UJA		4.530	0.033	0.19	4.494	-0.009	-0.05
8DBR89		4.366	-0.131	-0.75	4.266	-0.237	-1.29
8DUFP3		4.570	0.073	0.42	4.538	0.035	0.19
8UVFH3		4.412	-0.085	-0.49	4.427	-0.076	-0.42
9FCZ9C		4.516	0.019	0.11	4.488	-0.015	-0.08
9K8RHU		4.206	-0.291	-1.66	4.224	-0.279	-1.52
9R7D7M		4.786	0.289	1.65	4.664	0.161	0.88
B98ZNZ	X	1.225	-3.272	-18.69	1.230	-3.272	-17.90
BD2WCQ		4.484	-0.013	-0.07	4.564	0.061	0.34
BTE7G2	X	100.034	95.537	545.60	100.052	95.549	522.66
CJJLA7	*	4.640	0.143	0.82	4.840	0.337	1.85
CRGCW2		4.630	0.133	0.76	4.686	0.183	1.00
CVEZA3	M	5.188	0.691	3.95	No data reported for this sample		
DH4PH7		4.630	0.133	0.76	4.570	0.067	0.37
DM246W		4.610	0.113	0.65	4.675	0.172	0.94
DR9WW7		4.402	-0.095	-0.54	4.419	-0.084	-0.46
EYA9T4		4.316	-0.181	-1.04	4.328	-0.174	-0.95
FPFKB7		4.422	-0.075	-0.43	4.508	0.005	0.03
H3DDWY	*	4.951	0.454	2.59	4.982	0.479	2.62
HKVC3W		4.400	-0.097	-0.55	4.420	-0.083	-0.45
HPNCGR		4.418	-0.079	-0.45	4.342	-0.161	-0.88
JTJPE2		4.634	0.137	0.78	4.672	0.169	0.93
K4KBGU		4.688	0.191	1.09	4.698	0.195	1.07
KP6AMN		4.234	-0.263	-1.50	4.260	-0.243	-1.33
KPLJGB		4.704	0.207	1.18	4.860	0.357	1.95
KV7LHL	X	114.400	109.903	627.64	114.800	110.297	603.33
L8EQ7T	*	3.990	-0.507	-2.90	3.986	-0.517	-2.83
M3YD4K		4.634	0.137	0.78	4.516	0.013	0.07
MPUEVE		4.362	-0.135	-0.77	4.288	-0.215	-1.17
NQ6J7G		4.792	0.295	1.68	4.726	0.223	1.22
NU3XWR		4.440	-0.057	-0.33	4.560	0.057	0.31

WebCode	Data Flag	Sample F09 Lab Mean	Sample F09 Diff from Grand Mean	Sample F09 CPV	Sample F10 Lab Mean	Sample F10 Diff from Grand Mean	Sample F10 CPV
PDCG2U		4.382	-0.115	-0.66	4.402	-0.101	-0.55
PXWCU2	X	4.466	-0.031	-0.18	4.158	-0.345	-1.89
RBXP84		4.430	-0.067	-0.38	4.468	-0.035	-0.19
T7YW7K		4.588	0.091	0.52	4.526	0.023	0.13
TJ7LLA		4.504	0.007	0.04	4.522	0.019	0.11
TNGUQK	X	3.524	-0.973	-5.56	3.390	-1.112	-6.09
TWBWW3		4.798	0.301	1.72	4.740	0.237	1.30
TZVV7Q		4.396	-0.101	-0.58	4.476	-0.027	-0.15
U3X7GK		4.386	-0.111	-0.63	4.264	-0.239	-1.31
UDBBNF		4.560	0.063	0.36	4.419	-0.083	-0.46
UJ2KXE	X	3.641	-0.856	-4.89	3.590	-0.913	-4.99
UWQKPG		4.558	0.061	0.35	4.552	0.049	0.27
VA9UQC		4.532	0.035	0.20	4.482	-0.021	-0.11
VD7DQP		4.460	-0.037	-0.21	4.560	0.057	0.31
WJUDNH	X	5.151	0.654	3.73	5.325	0.822	4.50
WUDW3M		4.520	0.023	0.13	4.540	0.037	0.20
WY8QYN		4.538	0.041	0.23	4.646	0.143	0.78
XAHJ69		4.706	0.209	1.20	4.759	0.257	1.40
XEE6WC	*	4.095	-0.402	-2.29	4.269	-0.234	-1.28
XHFBBH		4.444	-0.053	-0.30	4.340	-0.163	-0.89
XTXR7A		4.440	-0.057	-0.33	4.390	-0.113	-0.62
YEUQ7D		4.406	-0.091	-0.52	4.442	-0.061	-0.33
Z9YG9K	X	60.320	55.823	318.80	60.600	56.097	306.85
ZX3BG8		4.360	-0.137	-0.78	4.340	-0.163	-0.89

Summary Statistics

	Sample F09	Sample F10
Grand Means	4.4970 Percent	4.5027 Percent
Stnd Dev Btwn Labs	0.1751 Percent	0.1828 Percent

Statistics based on 50 of 59 reporting participants

Sample F09: ABS/PC & Sample F10: ABS/PC

Comments on Assigned Data Flags for Test #706

BTE7G2 (X) - Extreme data.

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

WJUDNH (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample F10.

CVEZA3 (M) - Participant did not submit data for sample F10.

Z9YG9K (X) - Extreme data.

KV7LHL (X) - Extreme data.

UJ2KXE (X) - Data for both samples are low. Possible Systematic Error.

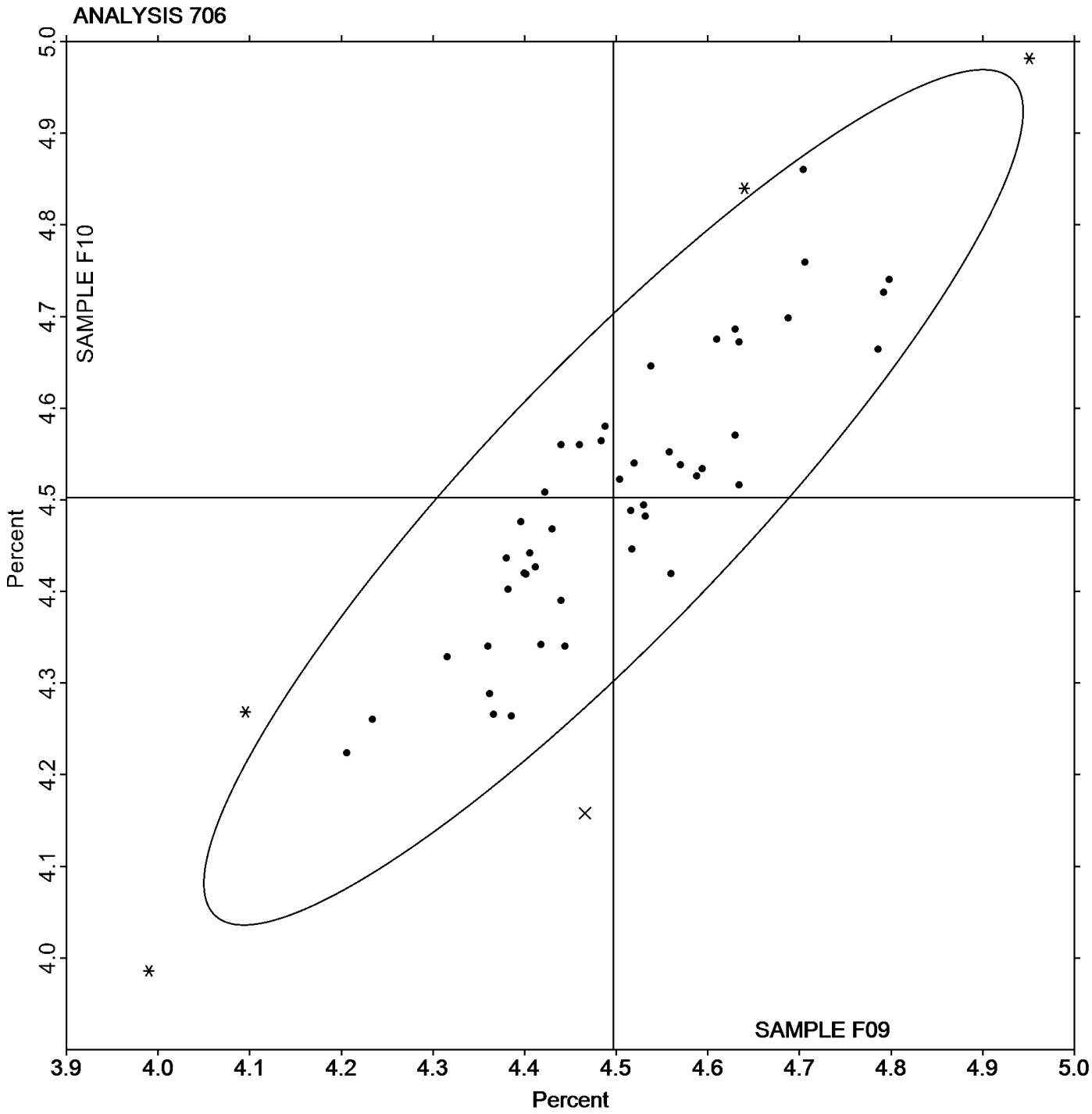
B98ZNZ (X) - Data for both samples are low.

PXWCU2 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F10.

Results by Methodology (as reported by laboratory)

	Sample F09 *ABS/PC*			Sample F10 *ABS/PC*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
contact extensometer to measure elongation	4.4871	0.1779	-0.010	4.4884	0.1822	-0.014	40/48
crosshead deflection/movement	4.5950	0.2178	0.098	4.6043	0.2591	0.102	5/5
video extensometer	4.4784	0.0795	-0.019	4.5153	0.0576	0.013	5/6

Grand Mean Sample F09: 4.4970 Percent Grand Mean Sample F10: 4.5027 Percent



WebCode	Data Flag	Sample F09 Lab Mean	Sample F09 Diff from Grand Mean	Sample F09 CPV	Sample F10 Lab Mean	Sample F10 Diff from Grand Mean	Sample F10 CPV
2CGX4B		332.12	5.61	0.41	327.96	1.90	0.14
2T2LD6		314.08	-12.43	-0.90	314.30	-11.76	-0.88
63GG6G		321.87	-4.63	-0.33	322.85	-3.21	-0.24
793UJA		324.92	-1.59	-0.11	339.01	12.96	0.97
8DBR89		321.08	-5.43	-0.39	323.68	-2.38	-0.18
8DUFP3		327.60	1.09	0.08	327.22	1.16	0.09
8UVFH3		324.10	-2.41	-0.17	321.92	-4.14	-0.31
9FCZ9C		326.76	0.25	0.02	329.92	3.86	0.29
9K8RHU		333.72	7.21	0.52	331.88	5.82	0.44
9R7D7M	X	314.76	-11.75	-0.85	358.50	32.44	2.44
B98ZNZ	X	0.61	-325.89	-23.52	0.61	-325.45	-24.48
BD2WCQ	X	272.60	-53.91	-3.89	265.60	-60.46	-4.55
BTE7G2	X	134.10	-192.41	-13.89	107.30	-218.76	-16.45
CJJLA7		334.70	8.19	0.59	325.26	-0.80	-0.06
CRGCW2		332.81	6.30	0.45	315.26	-10.80	-0.81
CVEZA3	M	237.00	-89.51	-6.46	No data reported for this sample		
DH4PH7		306.80	-19.70	-1.42	307.00	-19.06	-1.43
DM246W		315.11	-11.40	-0.82	310.39	-15.66	-1.18
DR9WW7		327.76	1.25	0.09	326.10	0.04	0.00
EYA9T4		332.43	5.92	0.43	333.01	6.95	0.52
FPFKB7		329.80	3.29	0.24	327.14	1.08	0.08
H3DDWY		317.99	-8.52	-0.61	312.51	-13.55	-1.02
HKVC3W		329.24	2.73	0.20	327.79	1.73	0.13
HPNCGR	*	310.56	-15.95	-1.15	328.48	2.43	0.18
JTJPE2		332.03	5.53	0.40	334.78	8.73	0.66
KP6AMN		332.80	6.29	0.45	320.40	-5.66	-0.43
KPLJGB		322.88	-3.63	-0.26	319.90	-6.16	-0.46
L8EQ7T		324.16	-2.35	-0.17	324.88	-1.18	-0.09
M3YD4K	*	311.55	-14.95	-1.08	330.11	4.05	0.30
MPUEVE		338.22	11.72	0.85	333.59	7.53	0.57
NQ6J7G		299.06	-27.44	-1.98	312.18	-13.88	-1.04
NU3XWR	*	361.80	35.29	2.55	365.40	39.34	2.96
PDCG2U		318.60	-7.91	-0.57	317.80	-8.26	-0.62
PXWCU2		327.68	1.17	0.08	329.30	3.24	0.24
RBXP84		346.73	20.23	1.46	345.08	19.02	1.43

WebCode	Data Flag	Sample F09 Lab Mean	Sample F09 Diff from Grand Mean	Sample F09 CPV	Sample F10 Lab Mean	Sample F10 Diff from Grand Mean	Sample F10 CPV
T7YW7K		334.08	7.57	0.55	340.30	14.24	1.07
TJ7LLA		314.16	-12.35	-0.89	315.78	-10.28	-0.77
TNGUQK	X	174.80	-151.70	-10.95	174.38	-151.68	-11.41
TWBWW3		329.02	2.51	0.18	328.38	2.32	0.17
TZVV7Q		322.21	-4.30	-0.31	319.89	-6.16	-0.46
U3X7GK		342.79	16.28	1.18	332.26	6.20	0.47
UDBBNF	X	311.90	-14.60	-1.05	338.73	12.67	0.95
UJ2KXE	*	365.60	39.09	2.82	353.40	27.34	2.06
UWQKPG		323.04	-3.47	-0.25	324.96	-1.10	-0.08
VA9UQC		301.80	-24.71	-1.78	304.00	-22.06	-1.66
VD7DQP		350.60	24.09	1.74	348.00	21.94	1.65
WJUDNH	X	244.48	-82.02	-5.92	243.48	-82.57	-6.21
WUDW3M		323.20	-3.31	-0.24	323.40	-2.66	-0.20
WY8QYN		334.80	8.30	0.60	332.89	6.84	0.51
XAHJ69		316.84	-9.66	-0.70	319.24	-6.81	-0.51
XEE6WC		302.90	-23.61	-1.70	303.26	-22.80	-1.71
XHFBBH		328.88	2.37	0.17	323.92	-2.14	-0.16
XTXR7A		347.00	20.49	1.48	353.40	27.34	2.06
YEUQ7D		328.98	2.47	0.18	328.84	2.78	0.21
Z9YG9K	*	307.60	-18.91	-1.36	294.20	-31.86	-2.40
ZX3BG8		319.80	-6.71	-0.48	319.50	-6.56	-0.49

Summary Statistics

	Sample F09	Sample F10
Grand Means	326.505 ksi	326.056 ksi
Stnd Dev Btwn Labs	13.855 ksi	13.295 ksi

Statistics based on 48 of 56 reporting participants

Sample F09: ABS/PC & Sample F10: ABS/PC

Comments on Assigned Data Flags for Test #708

BTE7G2 (X) - Data for both samples are low. Inconsistent within the determinations of sample F09.

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

WJUDNH (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample F10.

9R7D7M (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F10.

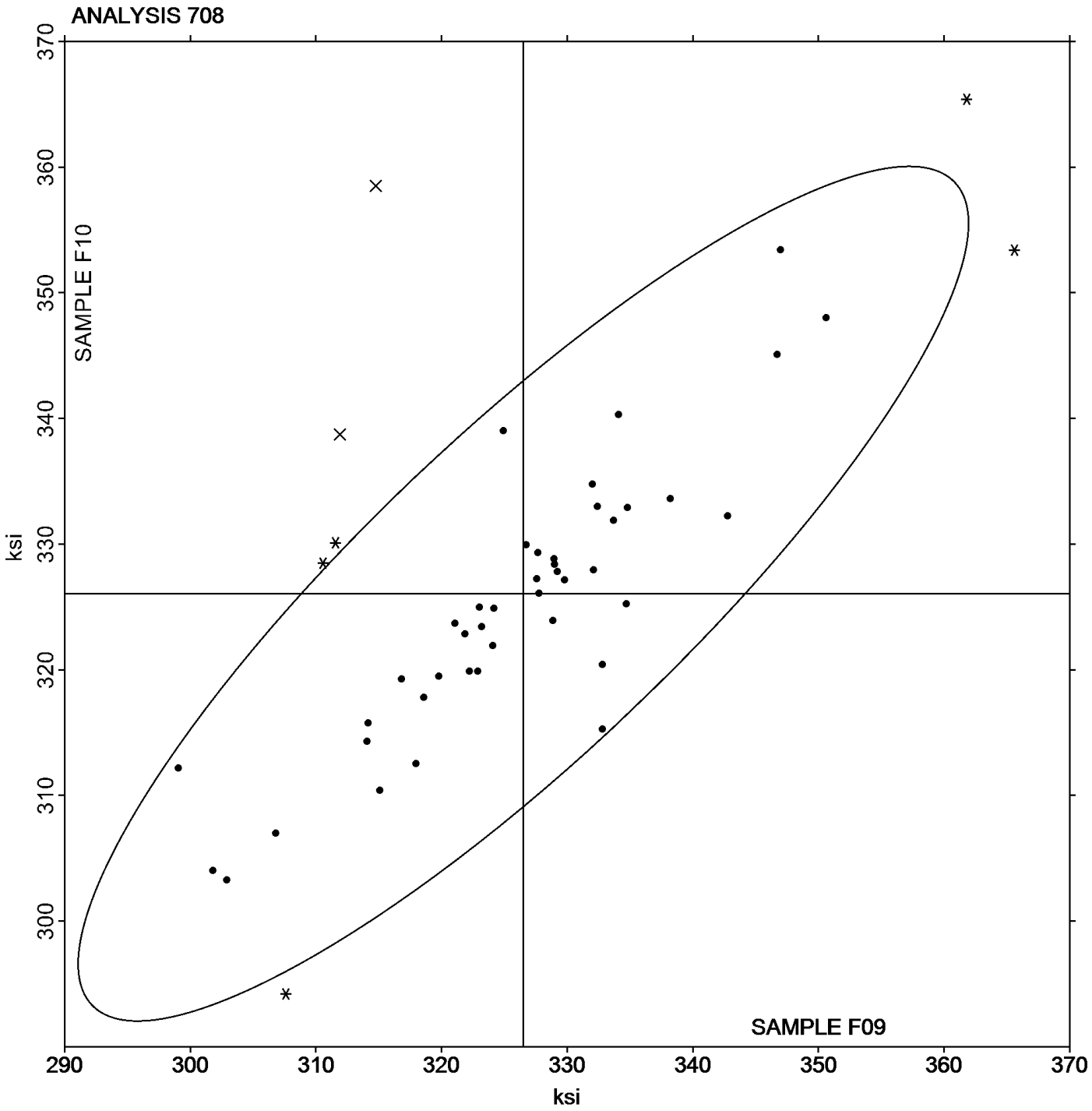
CVEZA3 (M) - Participant did not submit data for sample F10.

BD2WCQ (X) - Data for both samples are low. Possible Systematic Error.

UDBBNF (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F10.

B98ZNZ (X) - Extreme data.

Grand Mean Sample F09: 326.51 ksi Grand Mean Sample F10: 326.06 ksi



WebCode	Data Flag	Sample E09 Lab Mean	Sample E09 Diff from Grand Mean	Sample E09 CPV	Sample E10 Lab Mean	Sample E10 Diff from Grand Mean	Sample E10 CPV	Instr Code
63GEFC		83.95	0.64	0.42	83.53	0.23	0.17	IN
9R7D7M		83.45	0.14	0.09	83.80	0.51	0.37	CE
BD2WCQ		85.08	1.76	1.17	85.18	1.88	1.38	AT
CJJLA7	X	85.65	2.34	1.55	83.28	-0.02	-0.01	IN
DH4PH7		82.75	-0.56	-0.37	82.88	-0.42	-0.31	TY
EYA9T4		82.98	-0.34	-0.23	82.88	-0.42	-0.31	CE
FCTBQL		84.08	0.76	0.50	83.33	0.03	0.02	TO
FPFKB7		82.83	-0.49	-0.32	83.15	-0.14	-0.11	IN
HAELHT		84.57	1.25	0.83	83.80	0.51	0.37	CE
HKVC3W		82.78	-0.54	-0.36	82.85	-0.44	-0.33	IN
JTJPE2		84.85	1.54	1.02	85.13	1.83	1.35	IN
KP6AMN		82.80	-0.52	-0.34	82.72	-0.57	-0.42	TO
KPLJGB	*	87.98	4.66	3.09	87.60	4.31	3.16	TO
L8EQ7T		83.90	0.59	0.39	83.78	0.48	0.35	IN
PXWCU2		84.75	1.44	0.95	84.73	1.43	1.05	IN
RBXP84		82.05	-1.27	-0.84	82.16	-1.14	-0.84	TO
RRJBNN		83.05	-0.26	-0.18	82.58	-0.72	-0.53	IN
T7YW7K		82.73	-0.59	-0.39	82.43	-0.87	-0.64	TO
TZVV7Q		83.13	-0.19	-0.13	82.98	-0.32	-0.23	TY
U3X7GK		80.65	-2.66	-1.77	80.63	-2.67	-1.96	TO
VD7DQP		83.23	-0.09	-0.06	83.48	0.18	0.13	TO
VEM8TK		83.45	0.14	0.09	82.90	-0.39	-0.29	TO
WUDW3M		80.30	-3.01	-2.00	81.10	-2.19	-1.61	CF
WY8QYN		83.05	-0.26	-0.18	83.08	-0.22	-0.16	IN
Y2L4WG		81.70	-1.61	-1.07	82.68	-0.62	-0.45	IN
YEUQ7D		82.83	-0.49	-0.32	83.03	-0.27	-0.20	IN

Summary Statistics

	Sample E09	Sample E10
Grand Means	83.314 Degrees C	83.293 Degrees C
Stnd Dev Btwn Labs	1.508 Degrees C	1.361 Degrees C

Statistics based on 25 of 26 reporting participants

Sample E09: ABS & Sample E10: ABS

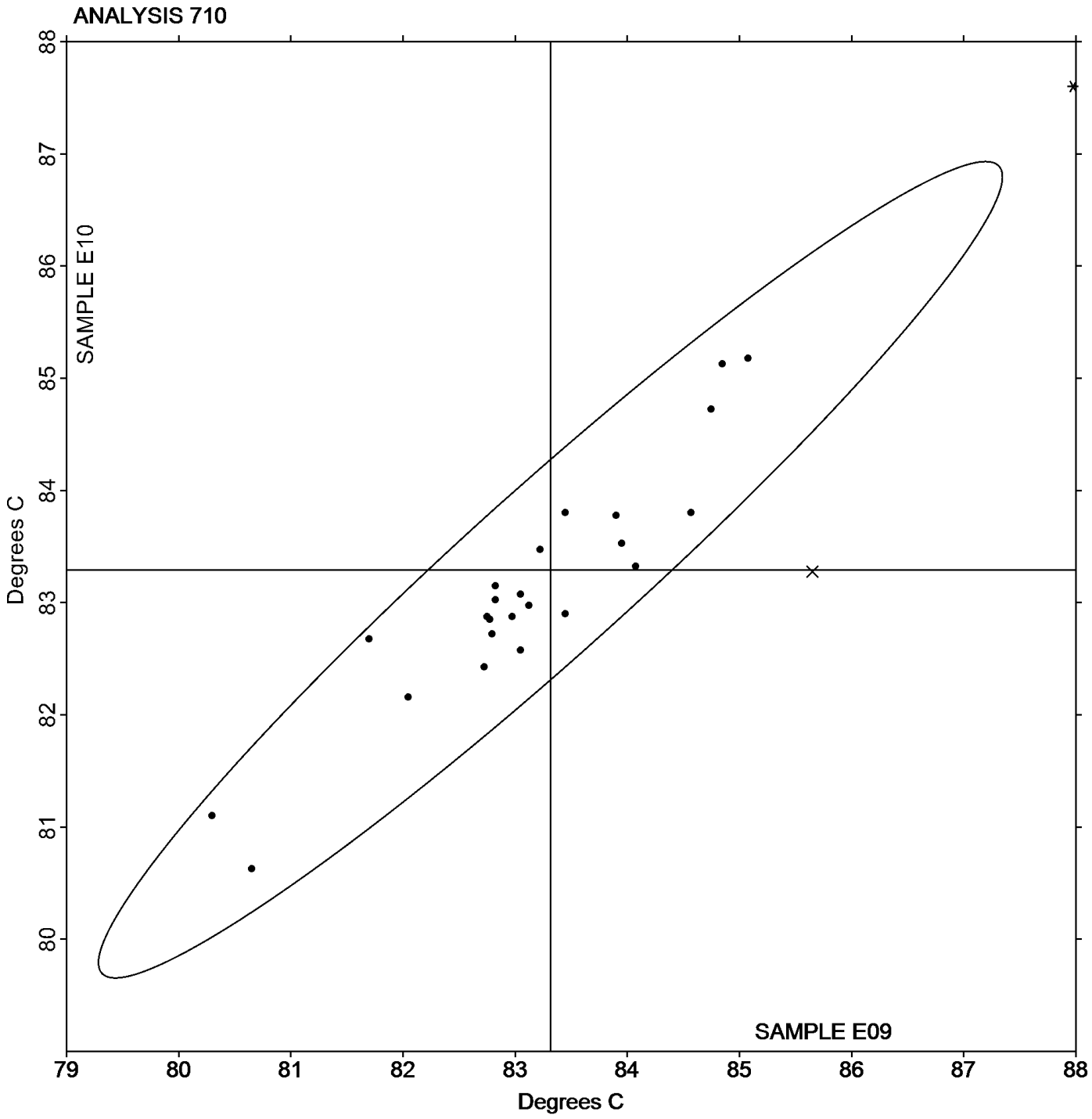
Comments on Assigned Data Flags for Test #710

CJJLA7 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample E09.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample E09: 83.314 Degrees C Grand Mean Sample E10: 83.293 Degrees C



WebCode	Data Flag	Sample G09 Lab Mean	Sample G09 Diff from Grand Mean	Sample G09 CPV	Sample G10 Lab Mean	Sample G10 Diff from Grand Mean	Sample G10 CPV	Instr Code
6ECQP6		106.8	-6.8	-0.65	108.3	-5.4	-0.52	IN
6NXR7E		112.5	-1.1	-0.10	109.5	-4.2	-0.40	XX
9R7D7M		108.8	-4.7	-0.45	110.3	-3.4	-0.32	CE
FCTBQL		117.0	3.4	0.33	117.0	3.3	0.32	TO
KP6AMN		108.6	-5.0	-0.48	108.3	-5.4	-0.52	XX
KPLJGB	*	145.1	31.5	3.03	145.0	31.3	3.02	XX
L8EQ7T		110.8	-2.7	-0.26	110.7	-3.0	-0.29	IN
T7YW7K		108.3	-5.3	-0.50	107.7	-6.0	-0.58	TO
VEM8TK		113.4	-0.2	-0.01	113.9	0.2	0.02	TO
VNQH6G		108.8	-4.8	-0.46	108.3	-5.4	-0.52	XX
WUDW3M		115.0	1.4	0.13	116.6	2.9	0.28	CE
WY8QYN		107.7	-5.9	-0.56	108.7	-5.0	-0.48	IN

Summary Statistics

	Sample G09	Sample G10
Grand Means	113.56 Degrees C	113.68 Degrees C
Stnd Dev Btwn Labs	10.42 Degrees C	10.39 Degrees C

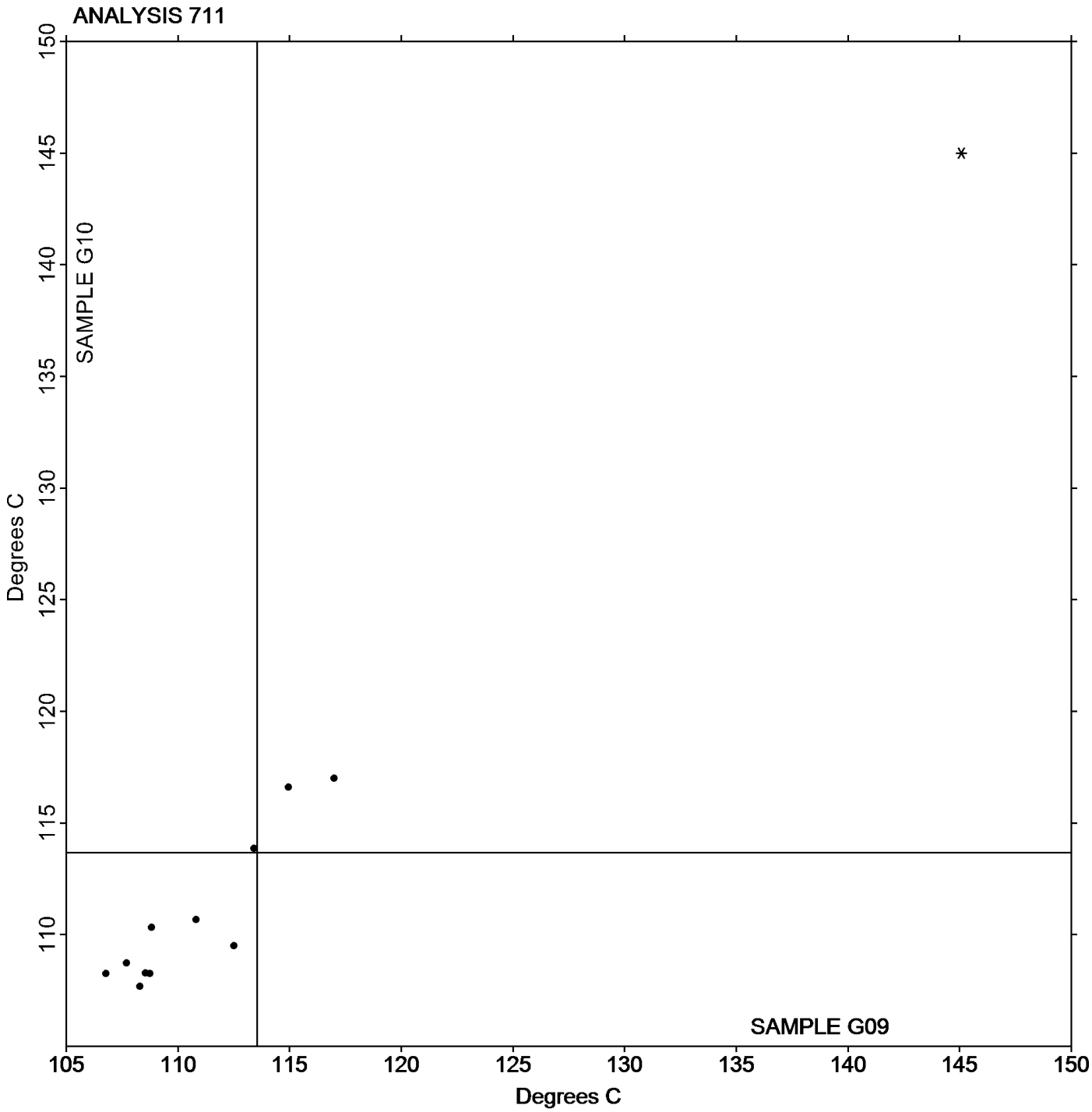
Statistics based on 12 of 12 reporting participants

Sample G09: PP & Sample G10: PP

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample G09: 113.56 Degrees C Grand Mean Sample G10: 113.68 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 N09 Lab Mean	Sample N09 Diff from Grand Mean	Sample N09 CPV	Sample N10 Lab Mean	Sample N10 Diff from Grand Mean	Sample N10 CPV	Instr Code
2NVV9E		81.98	-1.55	-1.92	82.08	-1.42	-1.78	TO
2UYUNA		83.50	-0.02	-0.03	83.73	0.23	0.29	RO
63GEFC		84.08	0.55	0.69	84.60	1.10	1.38	IN
6NXR7E	*	82.95	-0.57	-0.71	82.23	-1.27	-1.60	XX
793UJA		83.35	-0.17	-0.21	83.15	-0.35	-0.44	CE
94X339		83.74	0.21	0.27	83.75	0.26	0.32	ZW
9R7D7M		83.55	0.03	0.04	83.33	-0.17	-0.22	CE
AY3T9Z		83.20	-0.32	-0.40	83.40	-0.10	-0.12	XX
BD2WCQ		85.03	1.50	1.87	84.83	1.33	1.66	AT
CJJLA7		83.78	0.25	0.32	83.83	0.33	0.41	IN
CPBUUZ		82.60	-0.92	-1.15	82.48	-1.02	-1.28	TO
DH4PH7		83.43	-0.10	-0.12	83.15	-0.35	-0.44	TY
EEEVVP		83.68	0.15	0.19	83.65	0.15	0.19	TY
ENQPFY		83.70	0.18	0.22	83.55	0.05	0.07	CE
F7MGU6		82.65	-0.87	-1.08	82.50	-1.00	-1.25	IN
FCTBQL		83.83	0.30	0.38	83.38	-0.12	-0.15	XX
HKVC3W		83.18	-0.35	-0.43	83.40	-0.10	-0.12	IN
JTJPE2		85.33	1.80	2.24	85.13	1.63	2.04	IN
K4KBGU		83.34	-0.18	-0.22	83.57	0.07	0.09	TO
KP6AMN		82.19	-1.34	-1.66	82.47	-1.03	-1.29	TO
L8EQ7T		84.53	1.00	1.25	84.50	1.00	1.26	IN
M4V999		83.88	0.35	0.44	83.88	0.38	0.47	TO
NFK9WP		82.58	-0.95	-1.18	82.58	-0.92	-1.16	ZW
PXWCU2		84.68	1.15	1.44	84.75	1.25	1.57	IN
TZVV7Q		83.38	-0.15	-0.18	83.33	-0.17	-0.22	TY
VNQH6G	X	90.55	7.03	8.74	91.30	7.80	9.78	XX
W3AK2Y		84.13	0.60	0.75	83.95	0.45	0.57	CE
W3RGN8		82.53	-1.00	-1.24	82.75	-0.75	-0.94	CE
WAPBJK	X	84.08	0.55	0.69	85.20	1.70	2.13	CE
WUDW3M		82.40	-1.12	-1.39	82.60	-0.90	-1.12	CF
WY8QYN		84.15	0.63	0.78	84.10	0.60	0.76	IN
WYR6R8		83.28	-0.25	-0.31	82.60	-0.90	-1.12	CE
XPYGAA		84.35	0.83	1.03	84.20	0.70	0.87	ZW
YEUQ7D		82.58	-0.95	-1.18	83.23	-0.27	-0.34	IN
Z9LMTK		83.93	0.40	0.50	83.75	0.25	0.32	IN

WebCode	Data Flag	Sample N09 Lab Mean	Sample N09 Diff from Grand Mean	Sample N09 CPV	Sample N10 Lab Mean	Sample N10 Diff from Grand Mean	Sample N10 CPV	Instr Code
ZXF27H		84.33	0.80	1.00	84.55	1.05	1.32	IN

Summary Statistics

	Sample N09	Sample N10
Grand Means	83.521 Degrees C	83.497 Degrees C
Stnd Dev Btwn Labs	0.804 Degrees C	0.798 Degrees C

Statistics based on 34 of 36 reporting participants

Sample N09: ABS & Sample N10: ABS

Comments on Assigned Data Flags for Test #712

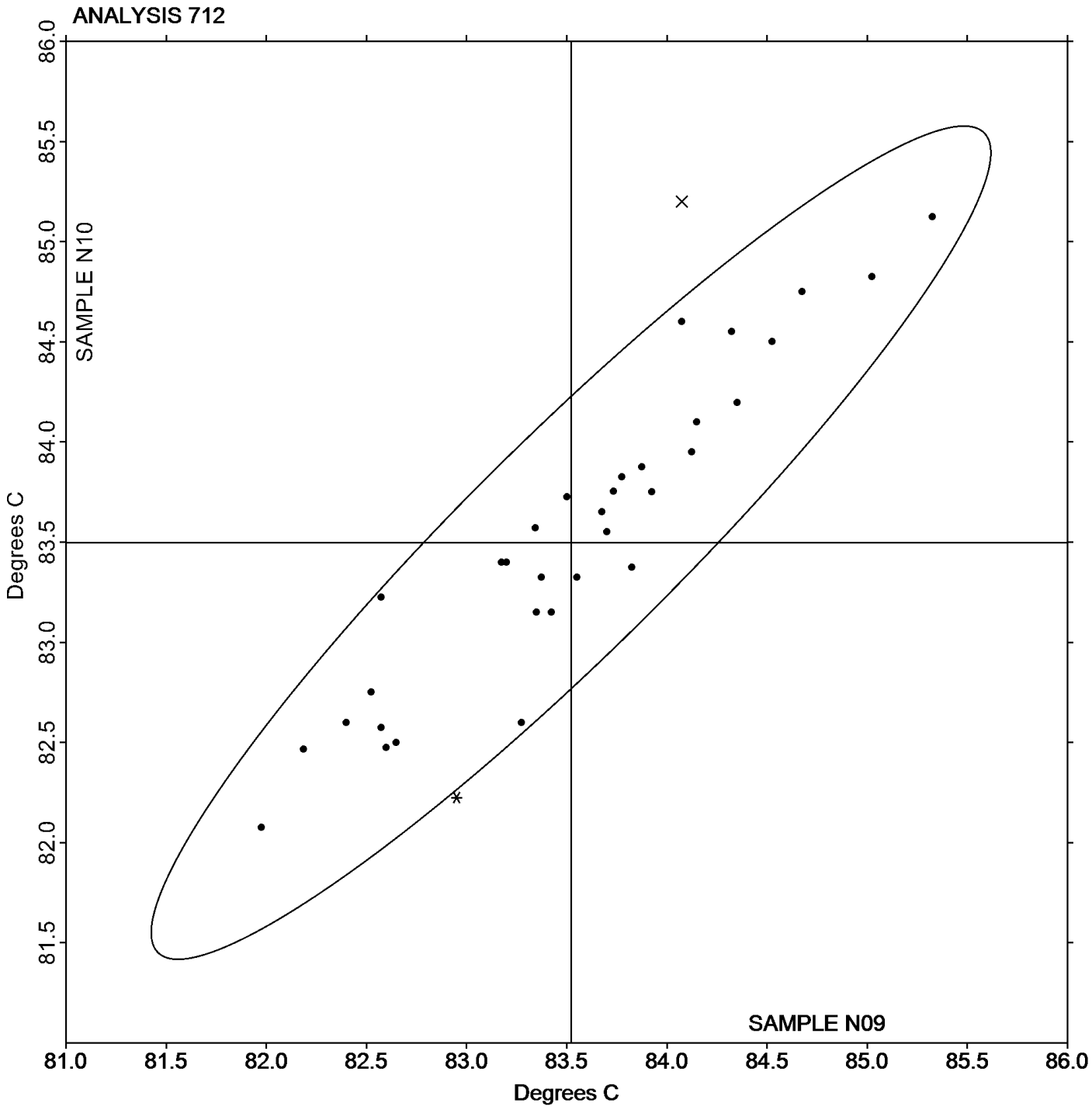
VNQH6G (X) - Data for both samples are high. Possible Systematic Error.

WAPBJK (X) - Inconsistent in testing between samples.

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 N09: 83.521 Degrees C Grand Mean Sample N10: 83.497 Degrees C



WebCode	Data Flag	Sample H09 Lab Mean	Sample H09 Diff from Grand Mean	Sample H09 CPV	Sample H10 Lab Mean	Sample H10 Diff from Grand Mean	Sample H10 CPV	Instr Code
8DBR89		103.25	-1.15	-1.00	103.32	-1.06	-0.94	TO
9MD67M		102.95	-1.45	-1.26	102.97	-1.41	-1.26	TO
9R7D7M		106.07	1.67	1.45	105.87	1.49	1.33	CE
BD2WCQ		105.78	1.38	1.21	105.67	1.29	1.15	TO
C4QUQQ		103.44	-0.96	-0.84	103.38	-0.99	-0.88	CE
CCXQ93		104.67	0.27	0.23	104.18	-0.19	-0.17	CE
CJJLA7		104.35	-0.05	-0.04	104.33	-0.04	-0.04	IN
ENQPFY		104.27	-0.13	-0.12	104.23	-0.14	-0.13	CE
EYA9T4		106.65	2.25	1.96	106.57	2.19	1.96	CE
F73ZE3		103.40	-1.00	-0.87	103.23	-1.14	-1.02	IN
HKVC3W		103.98	-0.42	-0.36	104.07	-0.31	-0.27	AT
JTJPE2		105.20	0.80	0.70	105.28	0.91	0.81	IN
KP6AMN	*	105.16	0.76	0.66	105.75	1.38	1.23	TO
L8EQ7T		106.10	1.70	1.48	105.68	1.31	1.17	CF
NFK9WP		103.33	-1.07	-0.93	103.48	-0.89	-0.80	WZ
PXWCU2		105.48	1.08	0.94	105.42	1.04	0.93	IN
QPY4QL		104.53	0.13	0.12	104.57	0.19	0.17	CE
RRJBNN		103.10	-1.30	-1.13	103.03	-1.34	-1.20	TO
TZVV7Q		104.42	0.02	0.01	104.40	0.03	0.02	TY
U3X7GK		102.67	-1.73	-1.51	102.67	-1.71	-1.52	TO
WAPBJK		105.30	0.90	0.78	105.33	0.96	0.86	CF
WUDW3M		103.23	-1.17	-1.02	103.35	-1.02	-0.91	CF
WY8QYN		103.87	-0.53	-0.46	103.82	-0.56	-0.50	IN

Summary Statistics

	Sample H09	Sample H10
Grand Means	104.400 Degrees C	104.374 Degrees C
Stnd Dev Btwn Labs	1.147 Degrees C	1.120 Degrees C

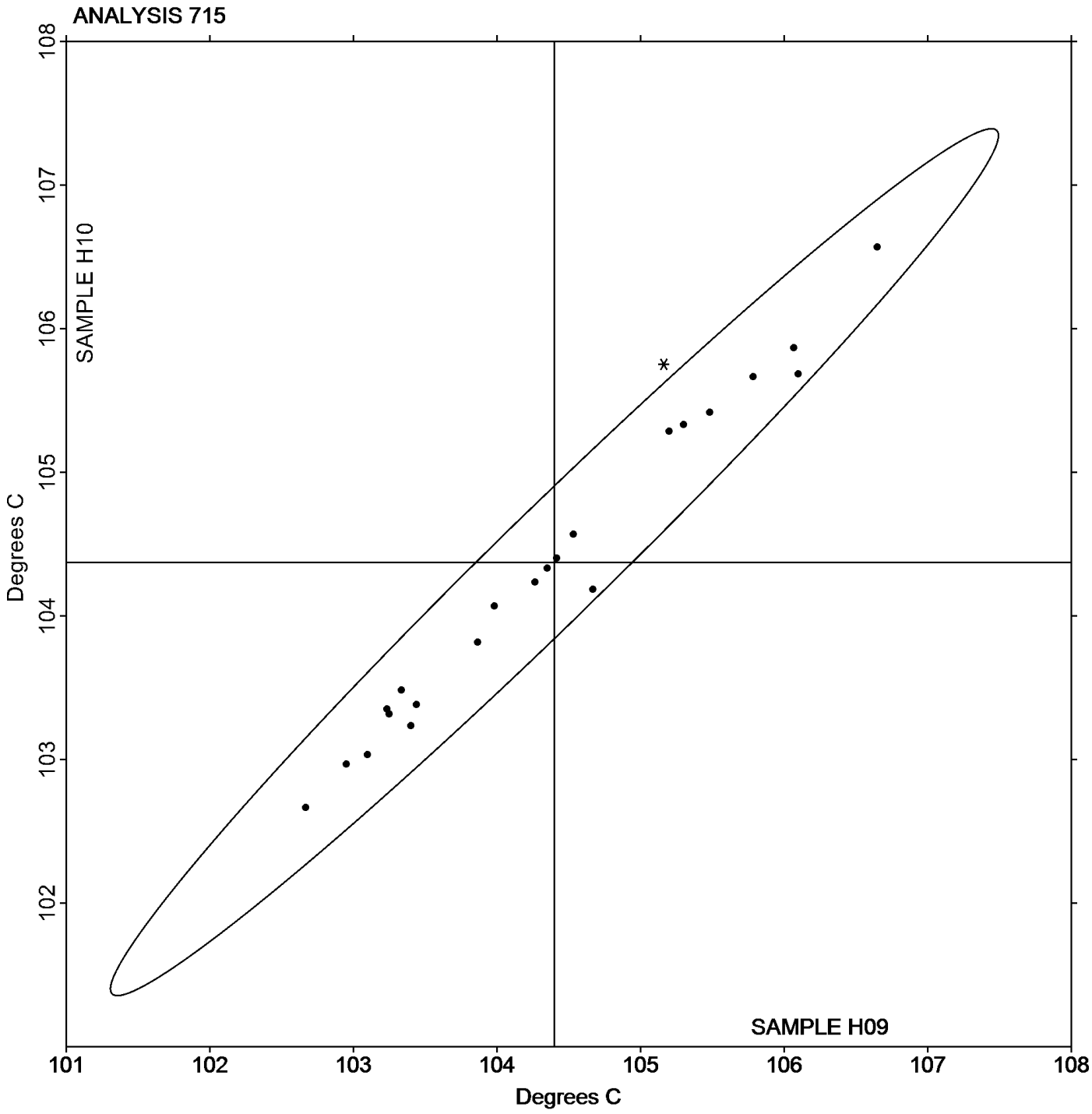
Statistics based on 23 of 23 reporting participants

Sample H09: ABS & Sample H10: ABS

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 H09: 104.40 Degrees C Grand Mean Sample H10: 104.37 Degrees C



WebCode	Data Flag	Sample R09 Lab Mean	Sample R09 Diff from Grand Mean	Sample R09 CPV	Sample R10 Lab Mean	Sample R10 Diff from Grand Mean	Sample R10 CPV	Instr Code
793UJA		107.08	1.22	1.13	107.17	1.32	1.12	CE
8DBR89		105.20	-0.66	-0.61	105.13	-0.72	-0.61	TO
9MD67M		104.32	-1.55	-1.43	104.53	-1.32	-1.12	TO
BD2WCQ		108.00	2.14	1.97	108.30	2.45	2.09	TO
C4QUQQ		105.05	-0.82	-0.75	105.00	-0.85	-0.72	CE
CJJLA7		106.37	0.50	0.46	106.33	0.48	0.41	IN
ENQPFY		105.73	-0.13	-0.12	105.52	-0.33	-0.28	CE
EYA9T4	*	108.62	2.75	2.54	108.63	2.78	2.37	CE
F73ZE3		105.13	-0.73	-0.68	104.75	-1.10	-0.94	IN
HKVC3W		105.73	-0.13	-0.12	105.93	0.08	0.07	AT
JTJPE2		106.87	1.00	0.93	106.88	1.03	0.88	IN
K4KBGU		105.65	-0.21	-0.20	105.42	-0.43	-0.37	TO
KP6AMN		106.22	0.36	0.33	106.58	0.73	0.62	TO
L8EQ7T	X	97.40	-8.46	-7.82	97.60	-8.25	-7.04	CF
NFK9WP		105.33	-0.53	-0.49	105.38	-0.47	-0.40	WZ
PXWCU2		106.40	0.54	0.50	106.47	0.62	0.53	IN
QPY4QL		104.58	-1.28	-1.18	104.53	-1.32	-1.12	CE
RRJBNN		104.87	-1.00	-0.92	104.82	-1.03	-0.88	TO
TZVV7Q		105.78	-0.08	-0.07	105.67	-0.18	-0.16	TY
U3X7GK		104.33	-1.53	-1.41	104.00	-1.85	-1.58	TO
VD7DQP		105.40	-0.46	-0.43	105.53	-0.32	-0.27	TO
WAPBJK		106.77	0.90	0.83	106.95	1.10	0.94	CF
WUDW3M		105.68	-0.18	-0.17	105.37	-0.48	-0.41	CF
WY8QYN		105.75	-0.11	-0.11	105.65	-0.20	-0.17	IN

Summary Statistics

	Sample R09	Sample R10
Grand Means	105.864 Degrees C	105.850 Degrees C
Stnd Dev Btwn Labs	1.082 Degrees C	1.172 Degrees C

Statistics based on 23 of 24 reporting participants

Sample R09: ABS & Sample R10: ABS

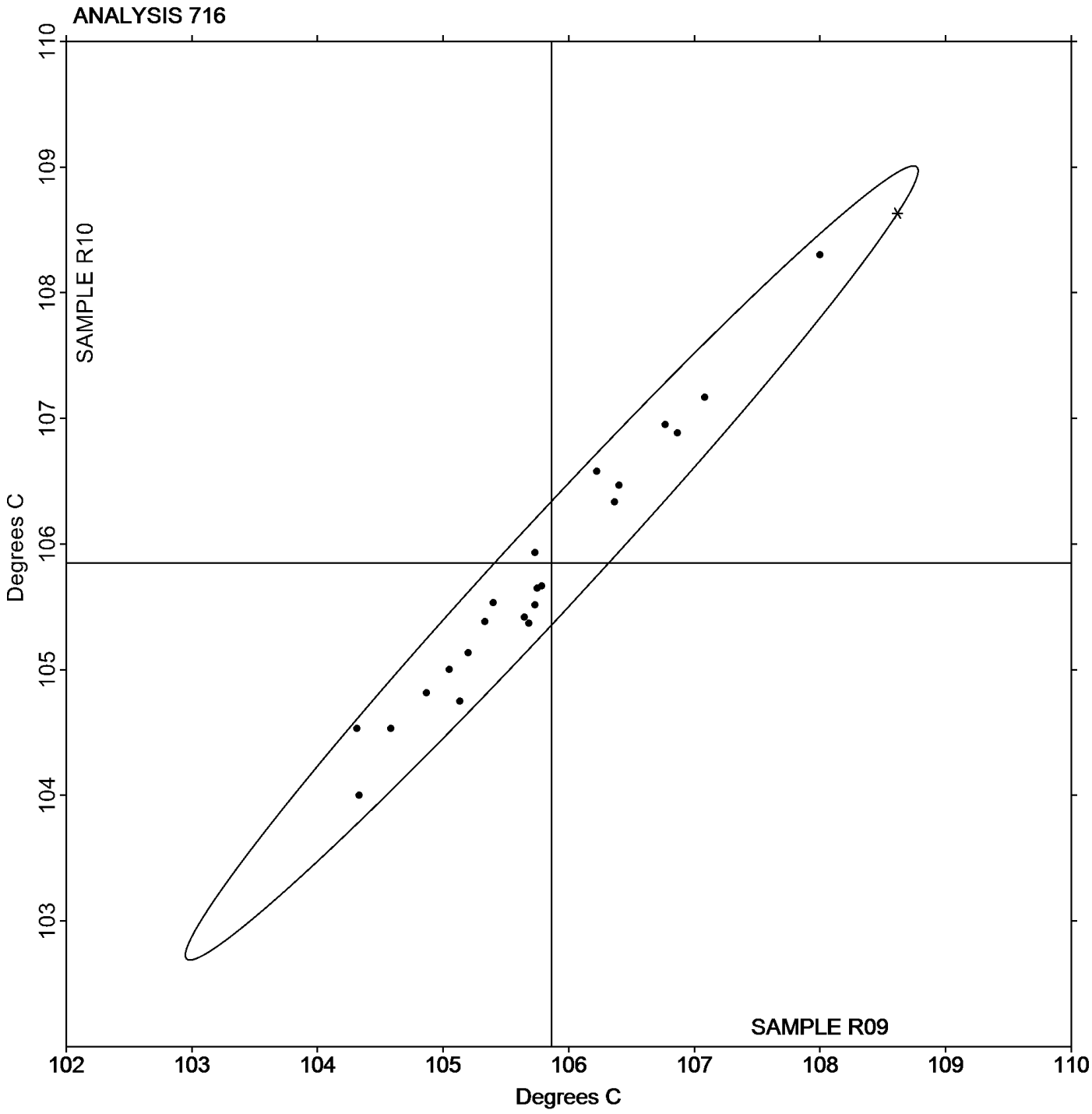
Comments on Assigned Data Flags for Test #716

L8EQ7T (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

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 R09: 105.86 Degrees C Grand Mean Sample R10: 105.85 Degrees C



WebCode	Data Flag	Sample T09 Lab Mean	Sample T09 Diff from Grand Mean	Sample T09 CPV	Sample T10 Lab Mean	Sample T10 Diff from Grand Mean	Sample T10 CPV
26XUW9		1.03157	-0.00370	-1.39	1.03177	-0.00365	-1.45
376CTH		1.03700	0.00174	0.65	1.03680	0.00138	0.55
3P2XA4		1.03530	0.00004	0.01	1.03537	-0.00005	-0.02
3YMXPD		1.03567	0.00040	0.15	1.03567	0.00025	0.10
63GEFC		1.03457	-0.00070	-0.26	1.03447	-0.00095	-0.38
6FPHFZ		1.03430	-0.00096	-0.36	1.03483	-0.00058	-0.23
6M8Q3C		1.03433	-0.00093	-0.35	1.03500	-0.00042	-0.17
6NXR7E		1.03567	0.00040	0.15	1.03567	0.00025	0.10
6Q3HB9		1.03600	0.00074	0.28	1.03667	0.00125	0.50
793UJA		1.03733	0.00207	0.78	1.03603	0.00062	0.25
7M3QG2		1.03433	-0.00093	-0.35	1.03533	-0.00008	-0.03
86D3MX		1.03527	0.00000	0.00	1.03487	-0.00055	-0.22
879KNY		1.03757	0.00230	0.86	1.03750	0.00208	0.83
8DBR89		1.03790	0.00264	0.99	1.03850	0.00308	1.23
94X339		1.03637	0.00110	0.41	1.03657	0.00115	0.46
9DLWE6		1.03650	0.00124	0.46	1.03670	0.00128	0.51
9R7D7M		1.03737	0.00210	0.79	1.03690	0.00148	0.59
ALENZ4		1.03367	-0.00160	-0.60	1.03400	-0.00142	-0.56
AV6CV7	*	1.03790	0.00264	0.99	1.03577	0.00035	0.14
AY3T9Z		1.03367	-0.00160	-0.60	1.03500	-0.00042	-0.17
BD2WCQ		1.03367	-0.00160	-0.60	1.03433	-0.00108	-0.43
BEAAUT		1.03593	0.00067	0.25	1.03593	0.00052	0.21
CPBUUZ		1.03433	-0.00093	-0.35	1.03367	-0.00175	-0.70
CVEZA3		1.03747	0.00220	0.83	1.03597	0.00055	0.22
DE67HT		1.03237	-0.00290	-1.09	1.03353	-0.00188	-0.75
EG8L9W		1.03790	0.00264	0.99	1.03767	0.00225	0.90
ENQPFY		1.03050	-0.00476	-1.79	1.03030	-0.00512	-2.04
EYA9T4		1.03547	0.00020	0.08	1.03420	-0.00122	-0.48
F7MGU6		1.03790	0.00264	0.99	1.03787	0.00245	0.98
FMDM3Y		1.03733	0.00207	0.78	1.03777	0.00235	0.94
FPFKB7		1.03193	-0.00333	-1.25	1.03147	-0.00395	-1.57
FZDJZQ		1.03700	0.00174	0.65	1.03700	0.00158	0.63
H4DALW		1.02973	-0.00553	-2.07	1.02940	-0.00602	-2.40
HKVC3W		1.03533	0.00007	0.03	1.03500	-0.00042	-0.17
J8JJRV		1.03640	0.00114	0.43	1.03713	0.00172	0.68

WebCode	Data Flag	Sample T09 Lab Mean	Sample T09 Diff from Grand Mean	Sample T09 CPV	Sample T10 Lab Mean	Sample T10 Diff from Grand Mean	Sample T10 CPV
JNDUWM	*	1.04270	0.00744	2.79	1.04220	0.00678	2.70
JTJPE2		1.03690	0.00164	0.61	1.03750	0.00208	0.83
K4KBGU		1.03517	-0.00010	-0.04	1.03457	-0.00085	-0.34
KP6AMN	X	1.03200	-0.00326	-1.22	1.02900	-0.00642	-2.56
KPLJGB	X	1.03780	0.00254	0.95	1.55817	0.52275	208.19
L8EQ7T		1.03673	0.00147	0.55	1.03647	0.00105	0.42
LF9WZU		1.03567	0.00040	0.15	1.03567	0.00025	0.10
LHYX4W		1.03677	0.00150	0.56	1.03670	0.00128	0.51
MC7BUA		1.03893	0.00367	1.38	1.04017	0.00475	1.89
MTBKRN	X	1.02483	-0.01043	-3.91	1.02680	-0.00862	-3.43
NFK9WP		1.03483	-0.00043	-0.16	1.03590	0.00048	0.19
PXWCU2	X	1.02877	-0.00650	-2.44	1.03183	-0.00358	-1.43
RBXP84		1.03400	-0.00126	-0.47	1.03500	-0.00042	-0.17
RNMQHJ		1.03457	-0.00070	-0.26	1.03483	-0.00058	-0.23
RUDY96	*	1.03300	-0.00226	-0.85	1.03567	0.00025	0.10
T7YW7K		1.03133	-0.00393	-1.47	1.03187	-0.00355	-1.41
TZVV7Q		1.03567	0.00040	0.15	1.03567	0.00025	0.10
U94KLA		1.03300	-0.00226	-0.85	1.03300	-0.00242	-0.96
UDBBNF	X	1.03533	0.00007	0.03	1.03133	-0.00408	-1.63
UWQKPG		1.03300	-0.00226	-0.85	1.03333	-0.00208	-0.83
V48FAH		1.03600	0.00074	0.28	1.03533	-0.00008	-0.03
VD7DQP		1.03023	-0.00503	-1.89	1.03190	-0.00352	-1.40
VEM8TK		1.03750	0.00224	0.84	1.03623	0.00082	0.32
VH6RDF		1.03300	-0.00226	-0.85	1.03333	-0.00208	-0.83
VNQH6G		1.03133	-0.00393	-1.47	1.03267	-0.00275	-1.10
W3AK2Y		1.03067	-0.00460	-1.72	1.03000	-0.00542	-2.16
W3RGN8		1.03227	-0.00300	-1.12	1.03367	-0.00175	-0.70
WFRGYM		1.03770	0.00244	0.91	1.03770	0.00228	0.91
WUDW3M		1.03400	-0.00126	-0.47	1.03600	0.00058	0.23
WY8QYN		1.03530	0.00004	0.01	1.03510	-0.00032	-0.13
WYR6R8		1.03000	-0.00526	-1.97	1.03000	-0.00542	-2.16
XHFBBH		1.03923	0.00397	1.49	1.03883	0.00342	1.36
XNP8HC		1.03570	0.00044	0.16	1.03547	0.00005	0.02
XPYGAA		1.03333	-0.00193	-0.72	1.03433	-0.00108	-0.43
XTXR7A		1.03383	-0.00143	-0.54	1.03483	-0.00058	-0.23

WebCode	Data Flag	Sample T09 Lab Mean	Sample T09 Diff from Grand Mean	Sample T09 CPV	Sample T10 Lab Mean	Sample T10 Diff from Grand Mean	Sample T10 CPV
Y2L4WG	*	1.04320	0.00794	2.98	1.04317	0.00775	3.09
YEUQ7D		1.03677	0.00150	0.56	1.03583	0.00042	0.17
Z9LMTK		1.03327	-0.00200	-0.75	1.03427	-0.00115	-0.46
ZDDRNA		1.03900	0.00374	1.40	1.03933	0.00392	1.56
ZKDBQ6		1.03611	0.00085	0.32	1.03640	0.00099	0.39
ZLP79Q		1.03410	-0.00116	-0.44	1.03377	-0.00165	-0.66
ZXF27H		1.03860	0.00334	1.25	1.03873	0.00332	1.32

Summary Statistics

	Sample T09	Sample T10
Grand Means	1.035263 sp gr 23/23 C	1.035418 sp gr 23/23 C
Stnd Dev Btwn Labs	0.002666 sp gr 23/23 C	0.002511 sp gr 23/23 C

Statistics based on 72 of 77 reporting participants

Sample T09: HIPS & Sample T10: HIPS

Comments on Assigned Data Flags for Test #718

KPLJGB (X) - Extreme data for sample T10.

KP6AMN (X) - Inconsistent in testing between samples.

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

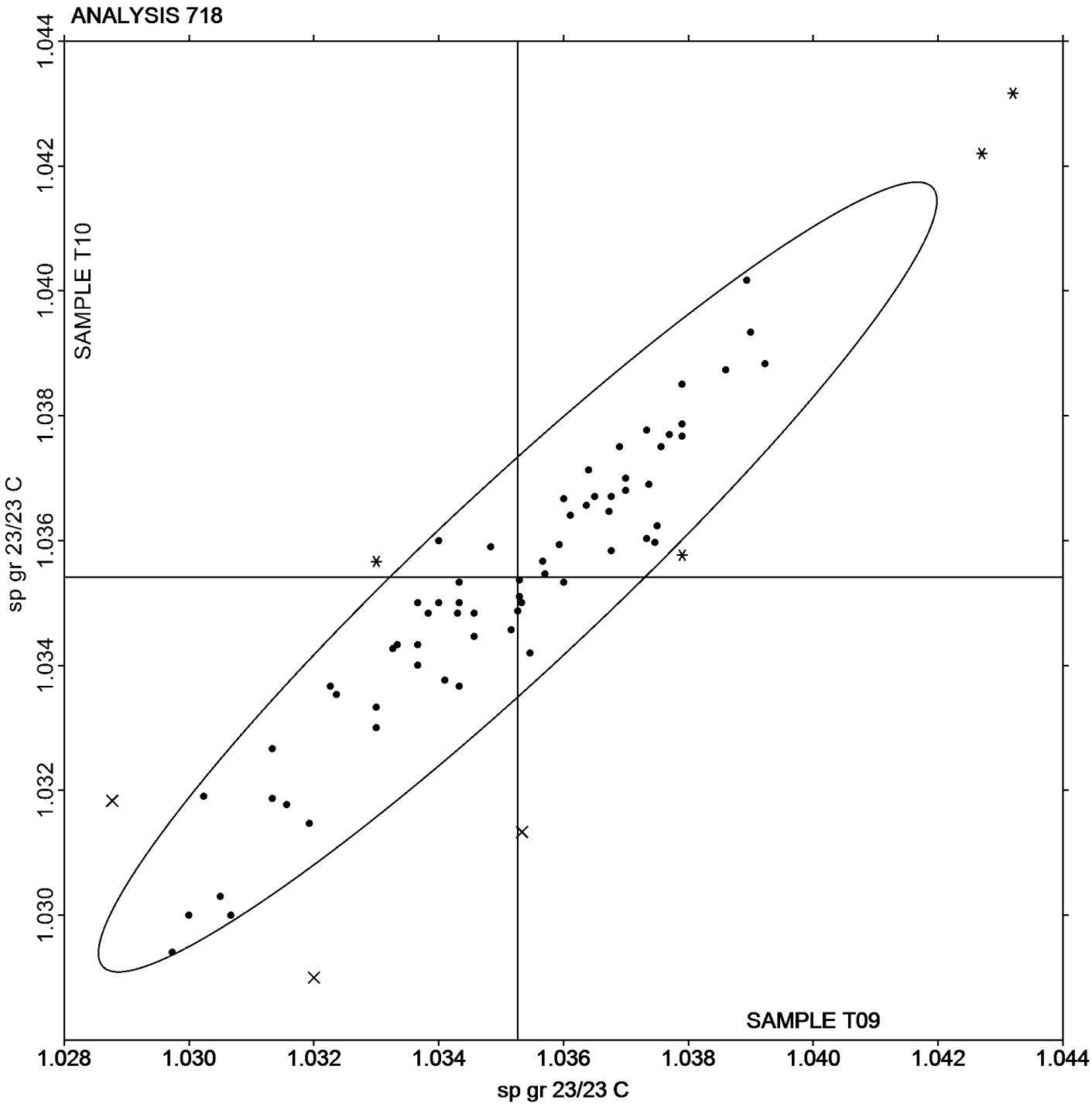
UDBBNF (X) - Inconsistent in testing between samples.

PXWCU2 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample T10.

Results by Methodology (as reported by laboratory)

Test Methodology	Sample T09 HIPS Group Mean	Sample T09 HIPS Btwn Lab STD	Sample T09 HIPS Diff from GM	Sample T10 HIPS Group Mean	Sample T10 HIPS Btwn Lab STD	Sample T10 HIPS Diff from GM	Labs Incl / Rpt
ASTM D792 Method A (water)	1.035424	0.002396	0.000	1.035469	0.002185	0.000	54/58
ASTM D792 Method B (not water)	1.031750	0.001768	-0.004	1.031817	0.002145	-0.004	2/2
ISO 1183	1.035258	0.003471	0.000	1.035740	0.003405	0.000	15/16

Grand Mean Sample T09: 1.0353 sp gr 23/23 C Grand Mean Sample T10: 1.0354 sp gr 23/23 C



WebCode	Data Flag	Sample J09 Lab Mean	Sample J09 Diff from Grand Mean	Sample J09 CPV	Sample J10 Lab Mean	Sample J10 Diff from Grand Mean	Sample J10 CPV
2T2LD6		370.4	-1.7	-0.09	365.2	-5.6	-0.30
3YMXPD		368.5	-3.6	-0.19	366.9	-3.9	-0.21
63GEFC		394.4	22.2	1.18	392.8	22.0	1.17
63GG6G		388.2	16.1	0.85	392.6	21.8	1.16
6NXR7E	X	378.0	5.8	0.31	398.0	27.2	1.44
7CHJHD		362.8	-9.4	-0.50	360.1	-10.8	-0.57
7U3AGC		400.4	28.3	1.50	400.4	29.6	1.57
9FCZ9C		369.4	-2.8	-0.15	368.0	-2.9	-0.15
9R7D7M		384.9	12.7	0.68	374.3	3.5	0.19
B98ZNZ		380.5	8.4	0.45	385.3	14.4	0.77
BD2WCQ		382.0	9.9	0.52	383.6	12.8	0.68
BEAAUT		386.4	14.3	0.76	384.6	13.8	0.73
BTE7G2		384.4	12.3	0.65	377.0	6.2	0.33
CRGCW2		340.6	-31.6	-1.68	335.2	-35.6	-1.89
EYA9T4		331.8	-40.3	-2.14	333.3	-37.5	-1.99
FCTBQL		380.6	8.4	0.45	382.6	11.8	0.63
FPFKB7		347.0	-25.1	-1.34	344.1	-26.8	-1.42
GAHQFQ		367.1	-5.1	-0.27	360.7	-10.1	-0.54
GX8HFK		335.0	-37.1	-1.97	335.5	-35.3	-1.88
HKVC3W		358.7	-13.5	-0.72	357.6	-13.3	-0.70
JTJPE2		364.8	-7.3	-0.39	362.8	-8.0	-0.42
JYCKHU		392.2	20.1	1.07	391.2	20.4	1.08
KP6AMN	X	288.2	-83.9	-4.46	293.2	-77.6	-4.12
KPLJGB		392.8	20.7	1.10	391.3	20.4	1.09
KV7LHL		382.2	10.0	0.53	372.1	1.3	0.07
L8EQ7T		380.4	8.2	0.44	378.2	7.4	0.39
M3YD4K		356.4	-15.7	-0.83	361.5	-9.3	-0.50
NU3XWR		358.8	-13.3	-0.71	366.4	-4.4	-0.23
PP7XQV		363.1	-9.0	-0.48	364.2	-6.6	-0.35
PXWCU2		351.6	-20.6	-1.09	349.3	-21.6	-1.14
R4Y6YG		373.2	1.1	0.06	374.0	3.2	0.17
RBXP84		386.7	14.5	0.77	384.8	14.0	0.74
T7YW7K		368.1	-4.0	-0.22	367.6	-3.2	-0.17
TBQ6QE		377.6	5.4	0.29	380.2	9.4	0.50
TZVV7Q		345.2	-27.0	-1.43	344.0	-26.8	-1.42

WebCode	Data Flag	Sample J09 Lab Mean	Sample J09 Diff from Grand Mean	Sample J09 CPV	Sample J10 Lab Mean	Sample J10 Diff from Grand Mean	Sample J10 CPV
U3X7GK		361.9	-10.3	-0.55	361.3	-9.5	-0.50
VD7DQP		374.2	2.1	0.11	375.8	5.0	0.26
VEM8TK		358.2	-13.9	-0.74	359.1	-11.7	-0.62
VNQH6G		402.9	30.8	1.64	398.3	27.5	1.46
WDNMG6		396.8	24.6	1.31	397.1	26.3	1.40
WY8QYN		403.7	31.6	1.68	402.9	32.1	1.70
XHFBBH		330.8	-41.3	-2.20	326.6	-44.3	-2.35
XPC9Z7		363.0	-9.1	-0.49	360.3	-10.5	-0.56
XTXR7A		369.3	-2.8	-0.15	370.6	-0.2	-0.01
Y2L4WG		385.3	13.1	0.70	375.6	4.8	0.26
YEUQ7D		381.5	9.3	0.50	380.0	9.2	0.49
Z9YG9K	X	333.4	-38.7	-2.06	347.2	-23.6	-1.25
ZX3BG8		392.8	20.7	1.10	391.7	20.8	1.11

Summary Statistics

	Sample J09	Sample J10
Grand Means	372.14 ksi	370.81 ksi
Stnd Dev Btwn Labs	18.80 ksi	18.83 ksi

Statistics based on 45 of 48 reporting participants

Sample J09: HIPS & Sample J10: HIPS

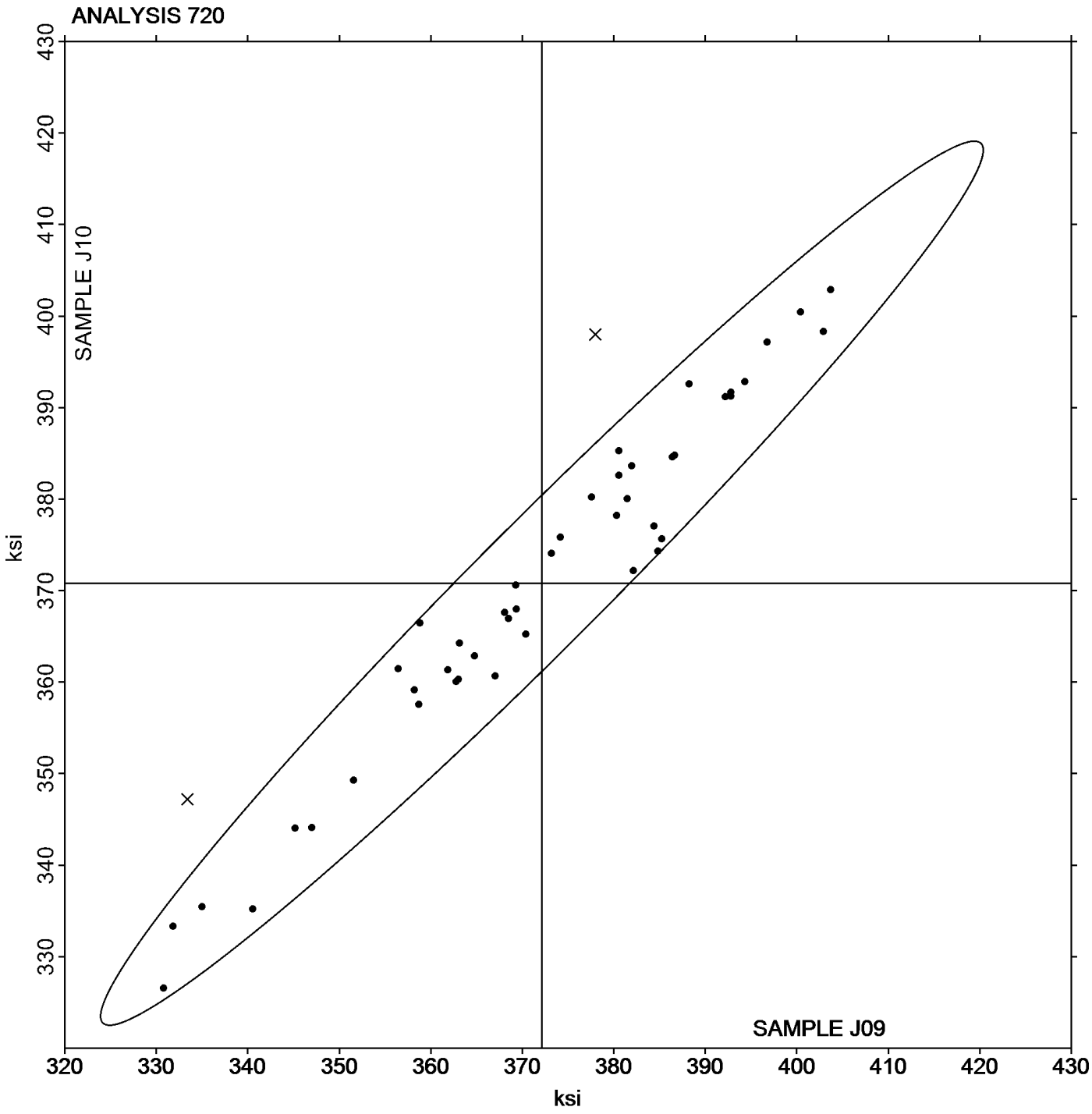
Comments on Assigned Data Flags for Test #720

6NXR7E (X) - Inconsistent in testing between samples.

Z9YG9K (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

KP6AMN (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample J09.

Grand Mean Sample J09: 372.14 ksi Grand Mean Sample J10: 370.81 ksi



WebCode	Data Flag	Sample J09 Lab Mean	Sample J09 Diff from Grand Mean	Sample J09 CPV	Sample J10 Lab Mean	Sample J10 Diff from Grand Mean	Sample J10 CPV
2T2LD6		7,370	534	1.92	7,380	572	2.11
7CHJHD		6,438	-398	-1.43	6,396	-411	-1.52
7U3AGC		6,569	-266	-0.96	6,593	-215	-0.79
7ZRRX9		6,977	142	0.51	6,912	105	0.39
8DUFP3		6,543	-293	-1.05	6,526	-281	-1.04
9FCZ9C		6,860	24	0.09	6,818	11	0.04
9R7D7M		6,884	48	0.17	6,810	3	0.01
B98ZNZ	X	6,717	-118	-0.43	6,322	-485	-1.79
BD2WCQ		7,129	293	1.05	7,074	266	0.98
BEAAUT		6,622	-214	-0.77	6,528	-279	-1.03
BTE7G2		6,602	-234	-0.84	6,616	-191	-0.71
CRGCW2	*	6,215	-621	-2.23	6,325	-482	-1.78
EYA9T4		6,651	-185	-0.66	6,711	-96	-0.35
FCTBQL	*	7,476	640	2.30	7,534	727	2.68
FPFKB7		6,589	-247	-0.89	6,565	-242	-0.89
GAHQFQ		6,897	61	0.22	6,825	17	0.06
GX8HFK		6,438	-398	-1.43	6,463	-345	-1.27
HKVC3W		6,953	117	0.42	6,829	22	0.08
JTJPE2		7,100	264	0.95	7,006	199	0.73
JYCKHU		6,788	-48	-0.17	6,728	-79	-0.29
KP6AMN		6,544	-292	-1.05	6,492	-315	-1.16
KPLJGB		7,253	417	1.50	7,139	332	1.22
KV7LHL		6,759	-77	-0.28	6,616	-192	-0.71
L8EQ7T		6,829	-7	-0.03	6,820	12	0.05
M3YD4K	X	5,417	-1,419	-5.10	6,980	173	0.64
NU3XWR		6,630	-205	-0.74	6,615	-192	-0.71
PP7XQV		7,287	452	1.62	7,266	459	1.69
PXWCU2		6,480	-356	-1.28	6,468	-340	-1.25
R4Y6YG		6,916	80	0.29	6,839	32	0.12
RBXP84		6,859	24	0.09	6,833	26	0.10
T7YW7K		6,654	-182	-0.65	6,645	-162	-0.60
TBQ6QE	*	6,797	-38	-0.14	6,930	123	0.45
TZVV7Q		6,631	-205	-0.74	6,629	-179	-0.66
U3X7GK		6,933	97	0.35	6,904	96	0.36
VD7DQP		6,858	22	0.08	6,854	47	0.17

WebCode	Data Flag	Sample J09 Lab Mean	Sample J09 Diff from Grand Mean	Sample J09 CPV	Sample J10 Lab Mean	Sample J10 Diff from Grand Mean	Sample J10 CPV
VEM8TK		6,803	-33	-0.12	6,677	-131	-0.48
WDNMG6		7,129	293	1.05	7,006	199	0.73
WY8QYN		6,929	93	0.34	6,876	69	0.25
XHFBBH	X	5,811	-1,024	-3.68	5,554	-1,253	-4.62
XPC9Z7		7,282	446	1.60	7,305	498	1.84
Y2L4WG		6,939	103	0.37	6,856	48	0.18
YEUQ7D	X	6,531	-305	-1.10	6,012	-795	-2.93
Z9YG9K		6,793	-42	-0.15	6,868	60	0.22
ZX3BG8		7,023	187	0.67	7,018	211	0.78

Summary Statistics

	Sample J09	Sample J10
Grand Means	6,835.8 psi	6,807.4 psi
Stnd Dev Btwn Labs	278.3 psi	271.2 psi

Statistics based on 40 of 44 reporting participants

Sample J09: HIPS & Sample J10: HIPS

Comments on Assigned Data Flags for Test #721

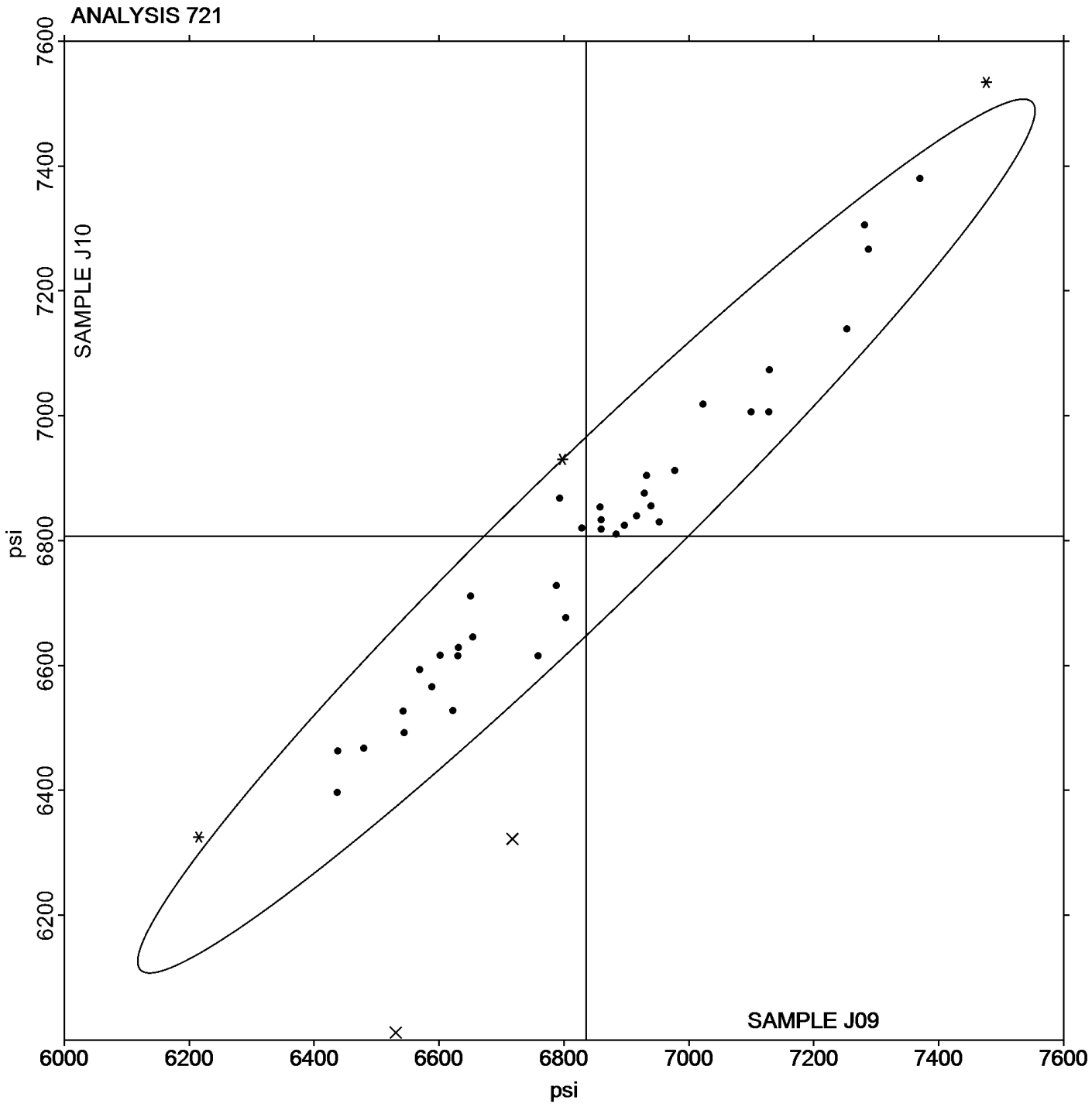
YEUQ7D (X) - Data for sample J10 are low. Inconsistent within the determinations of both samples.

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

M3YD4K (X) - Data for sample J09 are low.

B98ZNZ (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample J10.

Grand Mean Sample J09: 6,835.76 psi Grand Mean Sample J10: 6,807.38 psi



WebCode	Data Flag	Sample J09 Lab Mean	Sample J09 Diff from Grand Mean	Sample J09 CPV	Sample J10 Lab Mean	Sample J10 Diff from Grand Mean	Sample J10 CPV
2T2LD6		7,296	465	1.09	7,324	529	1.14
63GEFC		6,946	116	0.27	6,878	84	0.18
7CHJHD		6,432	-398	-0.93	6,392	-403	-0.86
7U3AGC		6,915	85	0.20	6,931	137	0.29
9FCZ9C		6,851	20	0.05	6,823	28	0.06
9R7D7M		6,877	46	0.11	6,812	17	0.04
B98ZNZ	X	5,804	-1,026	-2.40	5,354	-1,441	-3.09
BEAAUT		6,630	-200	-0.47	6,534	-260	-0.56
BTE7G2		6,671	-159	-0.37	6,638	-156	-0.34
CRGCW2	*	6,256	-574	-1.34	6,359	-436	-0.94
EYA9T4		6,895	65	0.15	6,898	104	0.22
FCTBQL		7,510	680	1.59	7,559	765	1.64
FPFKB7	M	No data reported for this sample			6,516	-278	-0.60
GAHQFQ	X	5,454	-1,376	-3.21	5,496	-1,299	-2.79
GX8HFK		6,465	-366	-0.85	6,467	-328	-0.70
HKVC3W		7,054	223	0.52	6,920	125	0.27
JTJPE2		7,102	272	0.64	7,007	213	0.46
JYCKHU	*	5,488	-1,342	-3.14	5,312	-1,482	-3.18
KP6AMN		6,544	-286	-0.67	6,492	-302	-0.65
KPLJGB		7,780	950	2.22	7,831	1,037	2.23
KV7LHL		6,791	-39	-0.09	6,653	-142	-0.30
L8EQ7T		6,843	12	0.03	6,848	53	0.11
M3YD4K	X	6,084	-746	-1.74	6,990	196	0.42
NU3XWR		6,694	-136	-0.32	6,627	-168	-0.36
PP7XQV		7,331	501	1.17	7,316	522	1.12
PXWCU2		6,470	-360	-0.84	6,461	-333	-0.72
R4Y6YG		6,955	125	0.29	6,932	137	0.29
RBXP84		6,861	31	0.07	6,786	-8	-0.02
TZVV7Q		6,643	-188	-0.44	6,640	-155	-0.33
U3X7GK		6,962	132	0.31	6,933	138	0.30
VD7DQP		6,856	26	0.06	6,852	58	0.12
VEM8TK		6,967	137	0.32	6,798	4	0.01
WDNMG6		7,188	357	0.83	7,091	297	0.64
XHFBBH	*	5,844	-986	-2.30	5,583	-1,211	-2.60
XPC9Z7		7,297	466	1.09	7,339	544	1.17

WebCode	Data Flag	Sample J09 Lab Mean	Sample J09 Diff from Grand Mean	Sample J09 CPV	Sample J10 Lab Mean	Sample J10 Diff from Grand Mean	Sample J10 CPV
XTXR7A		6,766	-64	-0.15	6,806	12	0.03
Y2L4WG		6,942	112	0.26	6,905	111	0.24
YEUQ7D	X	6,553	-278	-0.65	6,035	-759	-1.63
Z9YG9K		6,786	-44	-0.10	6,914	120	0.26
ZX3BG8		7,152	321	0.75	7,145	350	0.75

Summary Statistics

	Sample J09	Sample J10
Grand Means	6,830.3 psi	6,794.4 psi
Stnd Dev Btwn Labs	428.1 psi	465.9 psi

Statistics based on 35 of 40 reporting participants

Sample J09: HIPS & Sample J10: HIPS

Comments on Assigned Data Flags for Test #722

YEUQ7D (X) - Inconsistent in testing between samples.

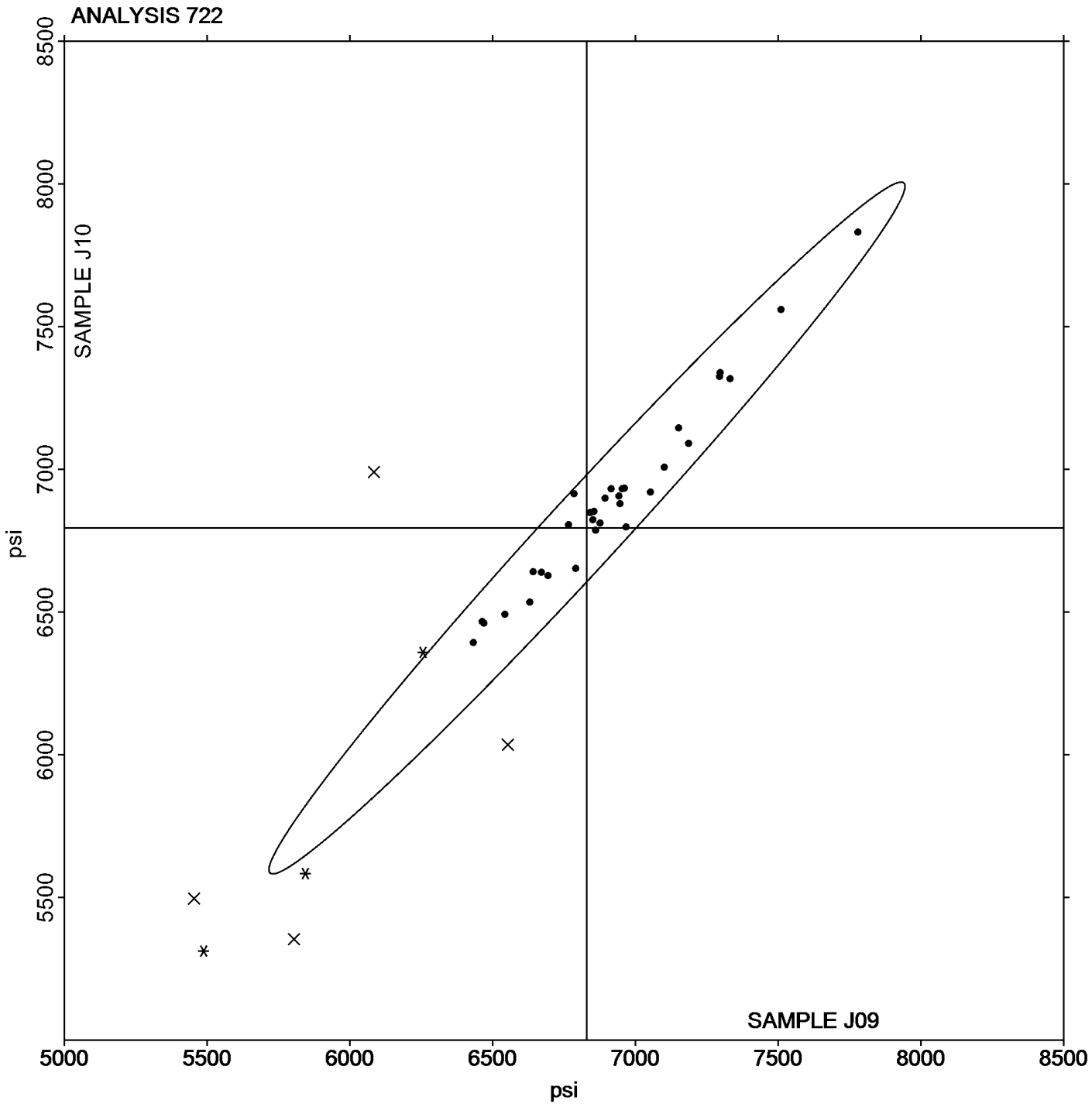
FPFKB7 (M) - Participant did not submit data for sample J09.

M3YD4K (X) - Inconsistent in testing between samples.

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

B98ZNZ (X) - Data for sample J10 are low. Inconsistent within the determinations of sample J10.

Grand Mean Sample J09: 6,830.30 psi Grand Mean Sample J10: 6,794.41 psi



WebCode	Data Flag	Sample C09 Lab Mean	Sample C09 Diff from Grand Mean	Sample C09 CPV	Sample C10 Lab Mean	Sample C10 Diff from Grand Mean	Sample C10 CPV
3BZ2CB		48.60	-1.07	-1.21	48.75	-0.89	-0.98
3VNMUD		50.53	0.86	0.97	50.27	0.63	0.70
63GEFC		49.24	-0.43	-0.48	49.02	-0.62	-0.68
6NXR7E	*	49.43	-0.24	-0.27	50.18	0.55	0.60
863Z3J		48.78	-0.89	-1.00	48.78	-0.86	-0.94
94X339		49.56	-0.12	-0.13	49.57	-0.07	-0.08
AV6CV7		51.16	1.49	1.67	50.93	1.29	1.42
AY3T9Z		50.34	0.67	0.75	50.36	0.72	0.79
CPBUUZ		51.47	1.80	2.03	51.36	1.72	1.89
DH4PH7		48.97	-0.70	-0.79	49.00	-0.64	-0.70
EEEVVP		49.36	-0.31	-0.35	49.46	-0.18	-0.20
ENQPFY		49.54	-0.13	-0.14	49.20	-0.44	-0.48
F73ZE3		48.66	-1.01	-1.14	48.10	-1.54	-1.69
F7MGU6		50.45	0.78	0.88	50.70	1.06	1.17
F8DXPY		49.85	0.18	0.21	49.97	0.33	0.37
FPFKB7		48.57	-1.10	-1.24	48.61	-1.03	-1.13
HKVC3W		50.22	0.55	0.62	50.28	0.64	0.70
JTJPE2		49.95	0.28	0.31	50.14	0.50	0.55
K4KBGU		49.72	0.05	0.05	49.70	0.06	0.07
KP6AMN		48.54	-1.13	-1.27	48.60	-1.04	-1.14
KPLJGB	*	52.01	2.34	2.63	52.02	2.38	2.61
L8EQ7T		49.30	-0.37	-0.41	49.17	-0.46	-0.51
M4V999		49.73	0.06	0.07	49.51	-0.13	-0.14
MC7BUA		49.99	0.32	0.36	50.24	0.61	0.66
MTBKRN		49.74	0.06	0.07	49.85	0.21	0.23
NFK9WP		50.98	1.31	1.47	50.74	1.10	1.21
PAVAJM	*	51.78	2.10	2.37	51.16	1.52	1.67
PXWCU2		50.62	0.95	1.07	50.83	1.20	1.31
RUDY96		49.08	-0.59	-0.66	48.84	-0.80	-0.88
TZVV7Q		49.40	-0.28	-0.31	49.36	-0.27	-0.30
VD7DQP		48.94	-0.74	-0.83	48.94	-0.69	-0.76
VEM8TK		50.38	0.70	0.79	50.19	0.55	0.61
VNQH6G		51.06	1.39	1.56	50.74	1.10	1.21
W3AK2Y		49.62	-0.05	-0.06	49.46	-0.18	-0.20
W3RGN8		48.74	-0.94	-1.05	48.56	-1.08	-1.19

WebCode	Data Flag	Sample C09 Lab Mean	Sample C09 Diff from Grand Mean	Sample C09 CPV	Sample C10 Lab Mean	Sample C10 Diff from Grand Mean	Sample C10 CPV
WAPBJK		49.50	-0.17	-0.19	49.66	0.02	0.02
WUDW3M		49.14	-0.53	-0.60	49.18	-0.46	-0.50
WY8QYN		49.43	-0.24	-0.27	49.50	-0.14	-0.15
WYR6R8		49.13	-0.54	-0.61	48.94	-0.70	-0.77
XCBAGF		49.05	-0.62	-0.70	49.48	-0.15	-0.17
XEE6WC		48.72	-0.95	-1.07	48.66	-0.98	-1.07
XHBTDJ		49.78	0.11	0.12	49.61	-0.03	-0.03
XPYGAA		49.50	-0.17	-0.19	49.39	-0.25	-0.27
YAZUGM	*	48.34	-1.33	-1.50	47.60	-2.04	-2.24
YEUQ7D		48.77	-0.91	-1.02	48.31	-1.33	-1.46
Z9LMTK	*	48.91	-0.76	-0.86	49.73	0.09	0.10
ZDDRNA		49.98	0.31	0.35	50.34	0.70	0.77

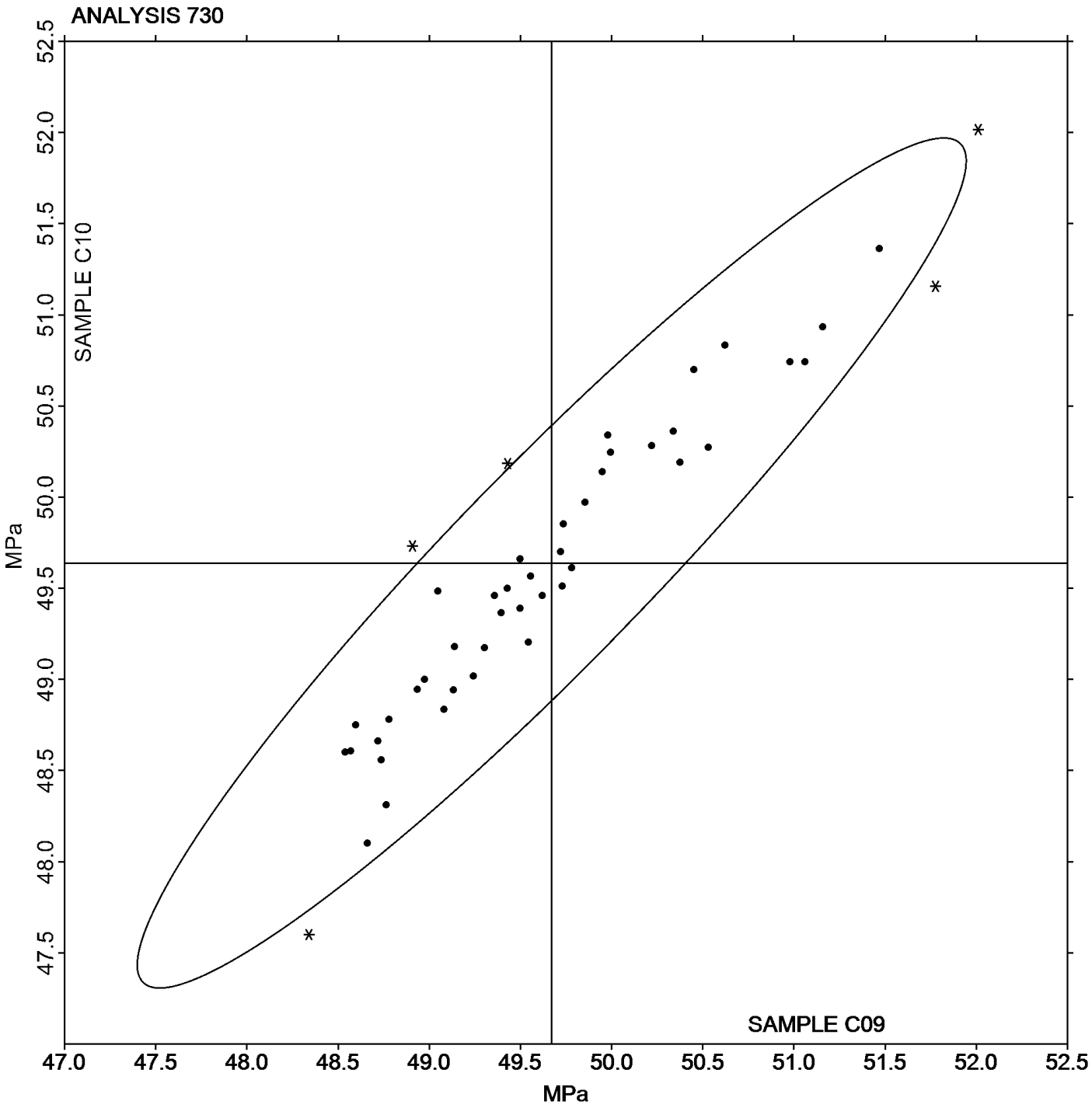
Summary Statistics

	Sample C09	Sample C10
Grand Means	49.671 MPa	49.639 MPa
Stnd Dev Btwn Labs	0.888 MPa	0.911 MPa

Statistics based on 47 of 47 reporting participants

Sample C09: ABS/PC & Sample C10: ABS/PC

Grand Mean Sample C09: 49.671 MPa Grand Mean Sample C10: 49.639 MPa



WebCode	Data Flag	Sample C09 Lab Mean	Sample C09 Diff from Grand Mean	Sample C09 CPV	Sample C10 Lab Mean	Sample C10 Diff from Grand Mean	Sample C10 CPV
3BZ2CB		43.53	-2.34	-1.04	43.94	-1.96	-0.92
3VNMUD		45.39	-0.48	-0.21	47.10	1.19	0.56
863Z3J		44.73	-1.14	-0.51	45.05	-0.85	-0.40
94X339		47.98	2.11	0.93	46.63	0.73	0.34
AY3T9Z		44.30	-1.57	-0.69	44.54	-1.36	-0.64
CPBUUZ		45.39	-0.48	-0.21	45.49	-0.42	-0.20
DH4PH7		47.50	1.63	0.72	44.84	-1.06	-0.50
EEEVVP	*	45.57	-0.30	-0.13	49.40	3.50	1.64
ENQPFY		46.91	1.04	0.46	44.48	-1.43	-0.67
F73ZE3		40.68	-5.19	-2.30	41.42	-4.48	-2.10
F7MGU6		49.76	3.89	1.72	49.82	3.92	1.84
F8DXPY		50.11	4.24	1.87	50.15	4.24	1.99
FPFKB7	*	48.55	2.68	1.19	44.90	-1.00	-0.47
HKVC3W		47.40	1.53	0.68	47.12	1.22	0.57
JTJPE2		47.19	1.32	0.59	46.82	0.91	0.43
KP6AMN		41.72	-4.15	-1.84	41.96	-3.94	-1.85
KPLJGB		48.34	2.47	1.09	47.48	1.58	0.74
L8EQ7T		45.37	-0.50	-0.22	45.28	-0.62	-0.29
M4V999		44.33	-1.54	-0.68	44.56	-1.34	-0.63
MC7BUA		46.18	0.31	0.14	46.99	1.09	0.51
MTBKRN		49.27	3.40	1.51	49.59	3.69	1.73
NFK9WP		45.40	-0.47	-0.21	45.50	-0.40	-0.19
PXWCU2		45.21	-0.66	-0.29	46.32	0.42	0.20
RUDY96		45.59	-0.28	-0.12	47.29	1.39	0.65
TZVV7Q		47.10	1.23	0.54	46.45	0.55	0.26
VD7DQP		45.15	-0.72	-0.32	45.20	-0.71	-0.33
VEM8TK		50.50	4.63	2.05	49.94	4.04	1.90
VH6RDF		49.24	3.37	1.49	49.23	3.33	1.56
W3AK2Y		43.05	-2.82	-1.25	44.10	-1.80	-0.85
W3RGN8		44.26	-1.61	-0.71	45.72	-0.18	-0.08
WAPBJK		46.98	1.11	0.49	44.80	-1.10	-0.52
WUDW3M		45.52	-0.35	-0.15	45.22	-0.68	-0.32
WY8QYN		46.71	0.84	0.37	45.29	-0.61	-0.29
WYR6R8	X	170.96	125.09	55.32	172.36	126.46	59.35
XCBAGF		44.31	-1.56	-0.69	44.34	-1.57	-0.73

WebCode	Data Flag	Sample C09 Lab Mean	Sample C09 Diff from Grand Mean	Sample C09 CPV	Sample C10 Lab Mean	Sample C10 Diff from Grand Mean	Sample C10 CPV
XEE6WC		44.26	-1.61	-0.71	44.67	-1.23	-0.58
XHBTDJ		47.00	1.13	0.50	46.51	0.61	0.29
XPYGAA		44.56	-1.31	-0.58	47.28	1.38	0.65
YAZUGM		42.88	-2.99	-1.32	41.58	-4.32	-2.03
YEUQ7D		44.49	-1.38	-0.61	46.02	0.12	0.05
Z9LMTK		42.62	-3.25	-1.44	43.72	-2.18	-1.02
ZDDRNA		45.64	-0.23	-0.10	45.28	-0.62	-0.29

Summary Statistics

	Sample C09	Sample C10
Grand Means	45.870 MPa	45.904 MPa
Stnd Dev Btwn Labs	2.261 MPa	2.131 MPa

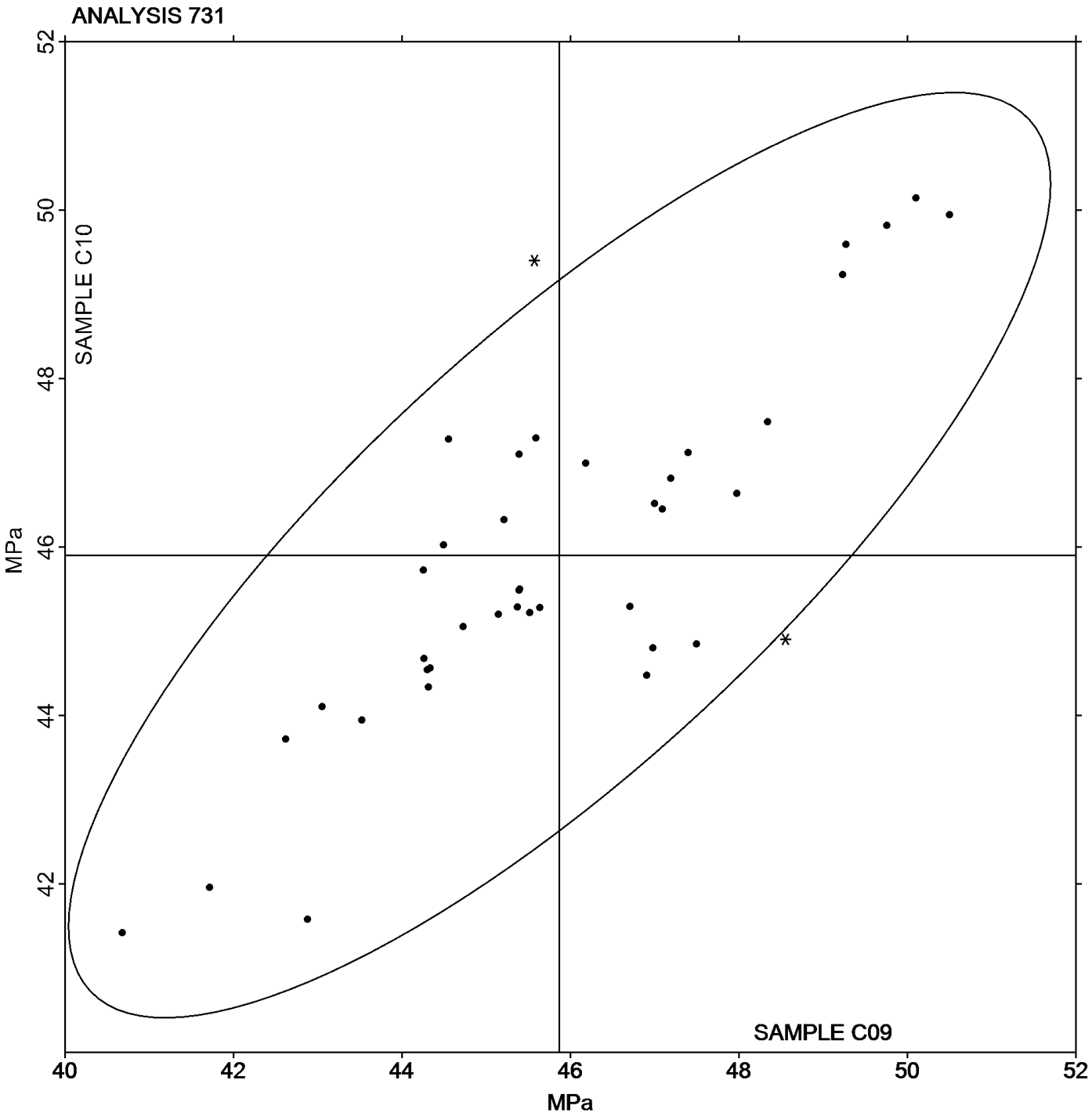
Statistics based on 41 of 42 reporting participants

Sample C09: ABS/PC & Sample C10: ABS/PC

Comments on Assigned Data Flags for Test #731

WYR6R8 (X) - Extreme data.

Grand Mean Sample C09: 45.870 MPa Grand Mean Sample C10: 45.904 MPa



WebCode	Data Flag	Sample C09 Lab Mean	Sample C09 Diff from Grand Mean	Sample C09 CPV	Sample C10 Lab Mean	Sample C10 Diff from Grand Mean	Sample C10 CPV
3BZ2CB		4.220	-0.114	-0.66	4.276	-0.053	-0.30
3VNMUD	X	4.351	0.016	0.09	4.163	-0.166	-0.93
63GEFC		4.326	-0.008	-0.05	4.296	-0.033	-0.19
94X339		4.250	-0.084	-0.48	4.252	-0.077	-0.43
AY3T9Z		4.280	-0.054	-0.31	4.220	-0.109	-0.61
CPBUUZ		4.146	-0.188	-1.08	4.084	-0.245	-1.37
DH4PH7		4.276	-0.058	-0.33	4.278	-0.051	-0.29
EEEVVP		4.146	-0.188	-1.08	4.132	-0.197	-1.10
ENQPFY		4.336	0.002	0.01	4.356	0.027	0.15
F73ZE3	X	11.976	7.642	43.80	11.948	7.619	42.57
F7MGU6		4.278	-0.056	-0.32	4.312	-0.017	-0.10
F8DXPY		4.318	-0.016	-0.09	4.276	-0.053	-0.30
FPFKB7		4.326	-0.008	-0.05	4.312	-0.017	-0.10
HKVC3W		4.500	0.166	0.95	4.500	0.171	0.95
JTJPE2		4.430	0.096	0.55	4.368	0.039	0.22
K4KBGU		4.490	0.156	0.89	4.466	0.137	0.76
KP6AMN		4.434	0.100	0.57	4.362	0.033	0.18
KPLJGB	X	4.622	0.288	1.65	4.360	0.031	0.17
L8EQ7T		4.098	-0.236	-1.35	4.068	-0.261	-1.46
M4V999		4.230	-0.104	-0.60	4.258	-0.071	-0.40
MC7BUA		4.061	-0.274	-1.57	4.101	-0.229	-1.28
MTBKRN		4.436	0.102	0.58	4.464	0.135	0.75
NFK9WP		4.240	-0.094	-0.54	4.240	-0.089	-0.50
PAVAJM	X	6.140	1.806	10.35	6.162	1.833	10.24
PXWCU2		4.328	-0.006	-0.04	4.328	-0.001	-0.01
RUDY96		4.706	0.372	2.13	4.698	0.369	2.06
TZVV7Q		4.258	-0.076	-0.44	4.282	-0.047	-0.26
VD7DQP		4.290	-0.044	-0.25	4.394	0.065	0.36
VH6RDF	X	9.982	5.648	32.37	9.773	5.443	30.41
W3AK2Y		4.200	-0.134	-0.77	4.160	-0.169	-0.95
W3RGN8		4.738	0.404	2.32	4.766	0.436	2.44
WAPBJK		4.360	0.026	0.15	4.300	-0.029	-0.16
WUDW3M		4.340	0.006	0.03	4.320	-0.009	-0.05
WY8QYN		4.300	-0.034	-0.20	4.278	-0.051	-0.29
WYR6R8	*	4.860	0.526	3.01	4.884	0.555	3.10

WebCode	Data Flag	Sample C09 Lab Mean	Sample C09 Diff from Grand Mean	Sample C09 CPV	Sample C10 Lab Mean	Sample C10 Diff from Grand Mean	Sample C10 CPV
XCBAGF		4.254	-0.080	-0.46	4.254	-0.075	-0.42
XEE6WC		4.532	0.198	1.13	4.510	0.181	1.01
XHBTDJ		4.426	0.092	0.53	4.376	0.047	0.26
XPYGAA		4.018	-0.316	-1.81	4.010	-0.319	-1.78
YAZUGM		4.220	-0.114	-0.66	4.180	-0.149	-0.83
YEUQ7D		4.436	0.102	0.58	4.352	0.023	0.13
Z9LMTK		4.240	-0.094	-0.54	4.340	0.011	0.06
ZDDRNA		4.376	0.042	0.24	4.461	0.131	0.73

Summary Statistics

	Sample C09	Sample C10
Grand Means	4.3343 Percent	4.3293 Percent
Stnd Dev Btwn Labs	0.1745 Percent	0.1790 Percent

Statistics based on 38 of 43 reporting participants

Sample C09: ABS/PC & Sample C10: ABS/PC

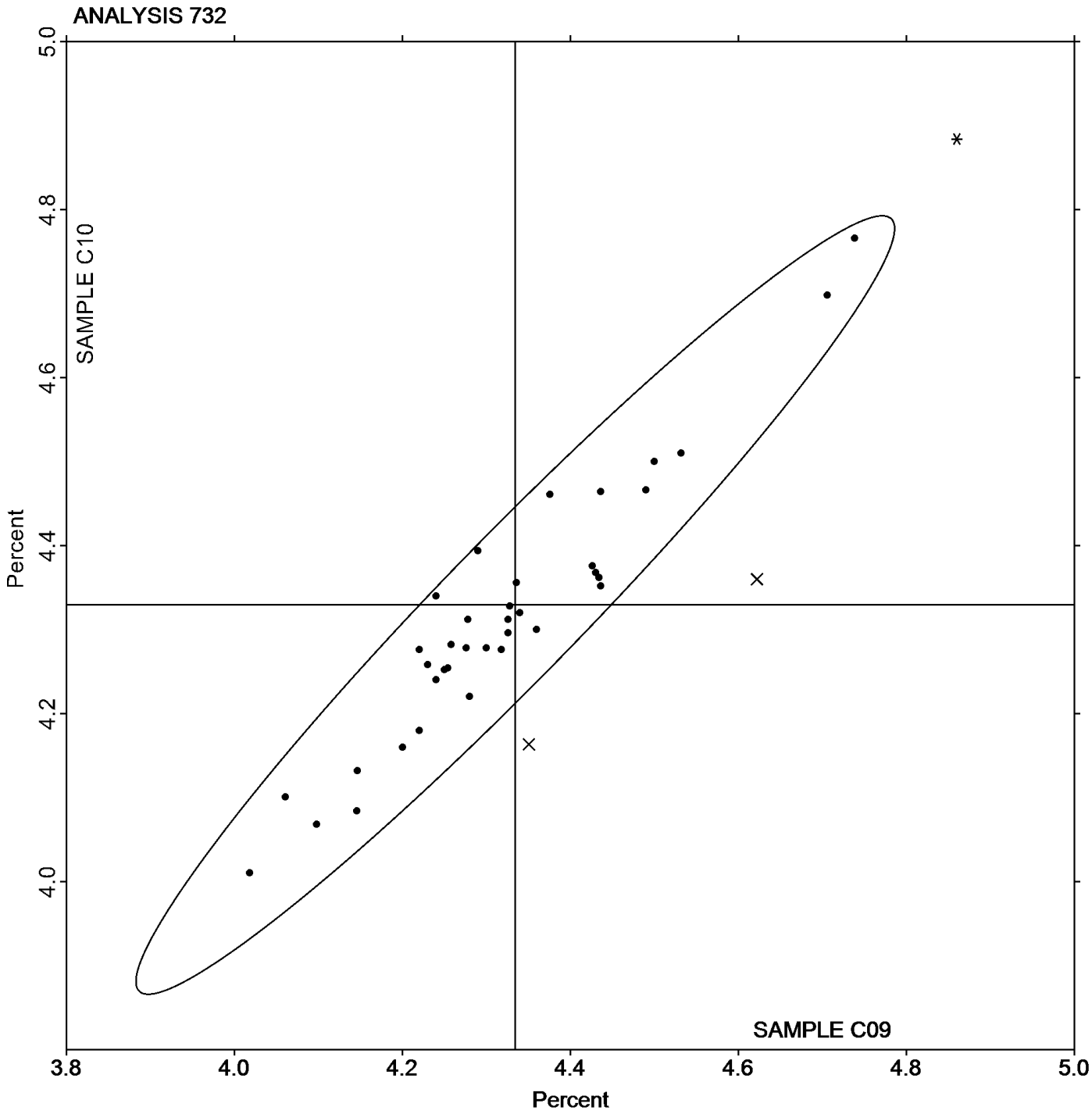
Comments on Assigned Data Flags for Test #732

PAVAJM (X) - Data for both samples are high. Possible Systematic Error.
KPLJGB (X) - Inconsistent in testing between samples.
3VNMUD (X) - Inconsistent in testing between samples.
F73ZE3 (X) - Extreme data.
VH6RDF (X) - Extreme data.

Results by Methodology (as reported by laboratory)

Test Methodology	Sample C09 ABS/PC Group Mean	Sample C09 ABS/PC Btwn Lab STD	Sample C09 ABS/PC Diff from GM	Sample C10 ABS/PC Group Mean	Sample C10 ABS/PC Btwn Lab STD	Sample C10 ABS/PC Diff from GM	Labs Incl / Rpt
contact extensometer to measure elongation	4.3463	0.1855	0.012	4.3395	0.1912	0.010	32/36
crosshead deflection/movement	4.2432	0.1369	-0.091	4.2259	0.1330	-0.103	2/3
video extensometer	4.2840	0.0562	-0.050	4.2995	0.0446	-0.030	4/4

Grand Mean Sample C09: 4.3343 Percent Grand Mean Sample C10: 4.3293 Percent



WebCode	Data Flag	Sample C09 Lab Mean	Sample C09 Diff from Grand Mean	Sample C09 CPV	Sample C10 Lab Mean	Sample C10 Diff from Grand Mean	Sample C10 CPV
3BZ2CB		2,188	-86	-0.99	2,252	-27	-0.31
3VNMUD		2,342	68	0.78	2,428	149	1.68
63GEFC		2,276	2	0.02	2,299	20	0.23
94X339		2,301	27	0.31	2,309	30	0.34
AV6CV7	*	2,135	-139	-1.59	2,256	-23	-0.26
AY3T9Z		2,338	63	0.73	2,377	98	1.11
CPBUUZ		2,394	120	1.37	2,390	110	1.25
DH4PH7		2,166	-109	-1.25	2,188	-91	-1.03
EEEVVP		2,341	67	0.77	2,352	73	0.82
ENQPFY		2,155	-119	-1.37	2,141	-138	-1.56
F73ZE3		2,281	7	0.07	2,220	-59	-0.67
F7MGU6		2,402	128	1.47	2,401	122	1.38
F8DXPY		2,332	57	0.66	2,275	-4	-0.04
FMDM3Y		2,179	-95	-1.09	2,176	-103	-1.17
FPFKB7		2,326	51	0.59	2,304	25	0.29
HKVC3W		2,194	-80	-0.92	2,200	-79	-0.89
JTJPE2		2,211	-63	-0.72	2,234	-45	-0.51
K4KBGU		2,353	78	0.90	2,377	98	1.11
KP6AMN		2,168	-106	-1.22	2,170	-109	-1.23
KPLJGB		2,199	-75	-0.86	2,214	-65	-0.73
L8EQ7T		2,282	8	0.09	2,231	-48	-0.54
M4V999		2,182	-92	-1.06	2,165	-114	-1.29
MC7BUA		2,234	-40	-0.46	2,244	-35	-0.40
MTBKRN		2,248	-26	-0.30	2,246	-34	-0.38
NFK9WP		2,408	134	1.53	2,364	85	0.96
PAVAJM		2,218	-56	-0.65	2,218	-61	-0.69
PXWCU2		2,272	-2	-0.02	2,344	65	0.73
RUDY96		2,258	-17	-0.19	2,372	92	1.04
TZVV7Q		2,246	-28	-0.32	2,234	-45	-0.51
VD7DQP		2,400	126	1.44	2,372	93	1.05
W3AK2Y		2,366	91	1.05	2,363	84	0.95
W3RGN8	X	1,738	-537	-6.16	1,780	-499	-5.64
WAPBJK		2,273	-1	-0.01	2,279	0	0.00
WUDW3M		2,282	8	0.09	2,286	7	0.08
WY8QYN		2,308	34	0.39	2,305	26	0.29

WebCode	Data Flag	Sample C09 Lab Mean	Sample C09 Diff from Grand Mean	Sample C09 CPV	Sample C10 Lab Mean	Sample C10 Diff from Grand Mean	Sample C10 CPV
WYR6R8	X	1,694	-581	-6.67	1,636	-644	-7.27
XCBAGF		2,215	-59	-0.68	2,251	-28	-0.31
XEE6WC	*	2,053	-221	-2.54	2,038	-241	-2.73
XHBTDJ		2,336	62	0.71	2,344	65	0.73
XPYGAA		2,340	66	0.75	2,330	51	0.57
YAZUGM		2,473	199	2.28	2,429	149	1.69
YEUQ7D	*	2,247	-28	-0.32	2,120	-159	-1.80
Z9LMTK		2,251	-23	-0.27	2,277	-2	-0.03
ZDDRNA		2,348	74	0.85	2,348	69	0.78

Summary Statistics

	Sample C09	Sample C10
Grand Means	2,274.3 MPa	2,279.1 MPa
Stnd Dev Btwn Labs	87.1 MPa	88.5 MPa

Statistics based on 42 of 44 reporting participants

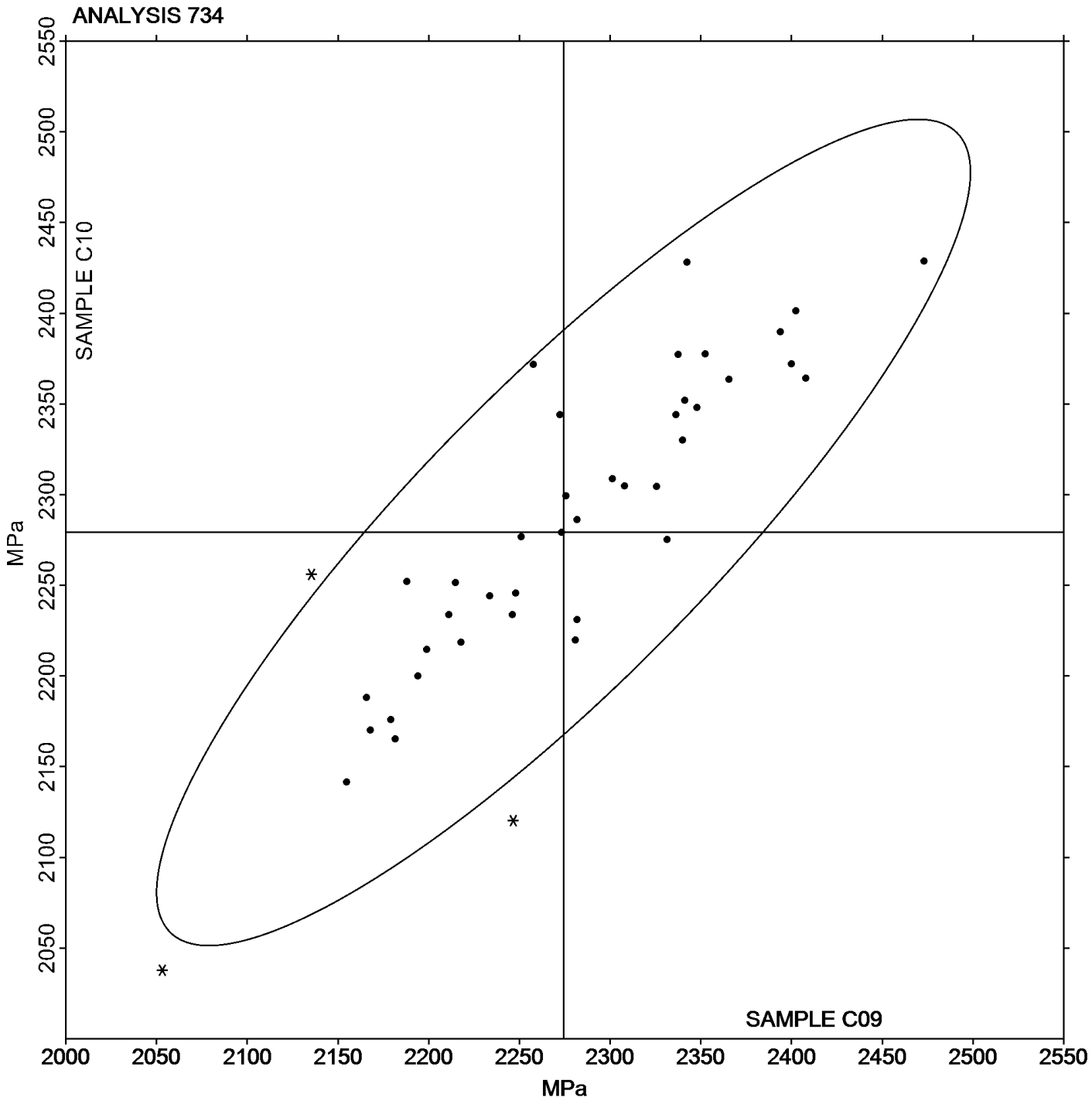
Sample C09: ABS/PC & Sample C10: ABS/PC

Comments on Assigned Data Flags for Test #734

W3RGN8 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

WYR6R8 (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample C09: 2,274.29 MPa Grand Mean Sample C10: 2,279.14 MPa



WebCode	Data Flag	Sample K09 Lab Mean	Sample K09 Diff from Grand Mean	Sample K09 CPV	Sample K10 Lab Mean	Sample K10 Diff from Grand Mean	Sample K10 CPV
2NVV9E		2,301	17	0.21	2,280	-12	-0.15
3BZ2CB		2,268	-15	-0.18	2,243	-49	-0.63
3VNMUD		2,288	4	0.05	2,293	1	0.02
63GEFC		2,310	26	0.32	2,322	30	0.39
6NXR7E		2,360	76	0.91	2,356	64	0.84
793UJA		2,181	-103	-1.23	2,177	-114	-1.49
94X339		2,293	9	0.11	2,290	-2	-0.03
9R7D7M	X	2,205	-78	-0.94	2,092	-200	-2.60
AV6CV7		2,226	-58	-0.69	2,280	-12	-0.15
AY3T9Z		2,360	76	0.91	2,369	77	1.00
CPBUUZ		2,088	-196	-2.34	2,095	-197	-2.55
EEEVVP		2,270	-14	-0.17	2,285	-7	-0.09
ENQPFY		2,280	-4	-0.05	2,283	-8	-0.11
F73ZE3		2,311	27	0.32	2,280	-12	-0.16
F7MGU6		2,403	120	1.43	2,388	96	1.25
F8DXPY		2,372	89	1.06	2,396	105	1.36
FCTBQL		2,297	13	0.16	2,307	15	0.20
FPFKB7		2,196	-88	-1.05	2,218	-73	-0.95
HKVC3W		2,255	-29	-0.34	2,249	-43	-0.55
JTJPE2		2,448	164	1.96	2,455	163	2.12
K4KBGU		2,271	-13	-0.16	2,278	-14	-0.18
KP6AMN	X	2,586	302	3.62	2,650	358	4.66
KPLJGB	X	2,601	317	3.80	2,630	338	4.39
L8EQ7T		2,390	107	1.27	2,420	129	1.67
M4V999		2,261	-23	-0.27	2,235	-57	-0.74
MC7BUA		2,349	65	0.78	2,331	40	0.51
MTBKRN		2,214	-70	-0.84	2,254	-37	-0.48
NFK9WP		2,320	36	0.44	2,312	20	0.27
PXWCU2	X	4,702	2,419	28.92	4,672	2,381	30.94
RRJBNN		2,240	-44	-0.52	2,246	-46	-0.59
TZVV7Q		2,289	6	0.07	2,297	6	0.08
VD7DQP		2,313	29	0.35	2,346	54	0.70
VNQH6G	X	1,081	-1,203	-14.39	1,065	-1,226	-15.93
W3AK2Y		2,092	-192	-2.29	2,143	-149	-1.93
W3RGN8		2,162	-121	-1.45	2,161	-131	-1.70

WebCode	Data Flag	Sample K09 Lab Mean	Sample K09 Diff from Grand Mean	Sample K09 CPV	Sample K10 Lab Mean	Sample K10 Diff from Grand Mean	Sample K10 CPV
WAPBJK		2,406	123	1.47	2,398	107	1.39
WUDW3M		2,290	6	0.08	2,306	14	0.19
WY8QYN		2,385	101	1.21	2,392	100	1.31
WYR6R8		2,196	-87	-1.05	2,229	-63	-0.82
XPYGAA	*	2,152	-132	-1.57	2,236	-56	-0.72
YAZUGM		2,298	14	0.17	2,294	2	0.03
YEUQ7D		2,274	-10	-0.12	2,292	0	0.00
Z9LMTK	X	2,336	52	0.62	2,201	-91	-1.18
ZDDRNA		2,371	87	1.04	2,346	55	0.71

Summary Statistics

	Sample K09	Sample K10
Grand Means	2,283.6 MPa	2,291.6 MPa
Stnd Dev Btwn Labs	83.6 MPa	77.0 MPa

Statistics based on 38 of 44 reporting participants

Sample K09: ABS/PC & Sample K10: ABS/PC

Comments on Assigned Data Flags for Test #736

VNQH6G (X) - Data for both samples are low.

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

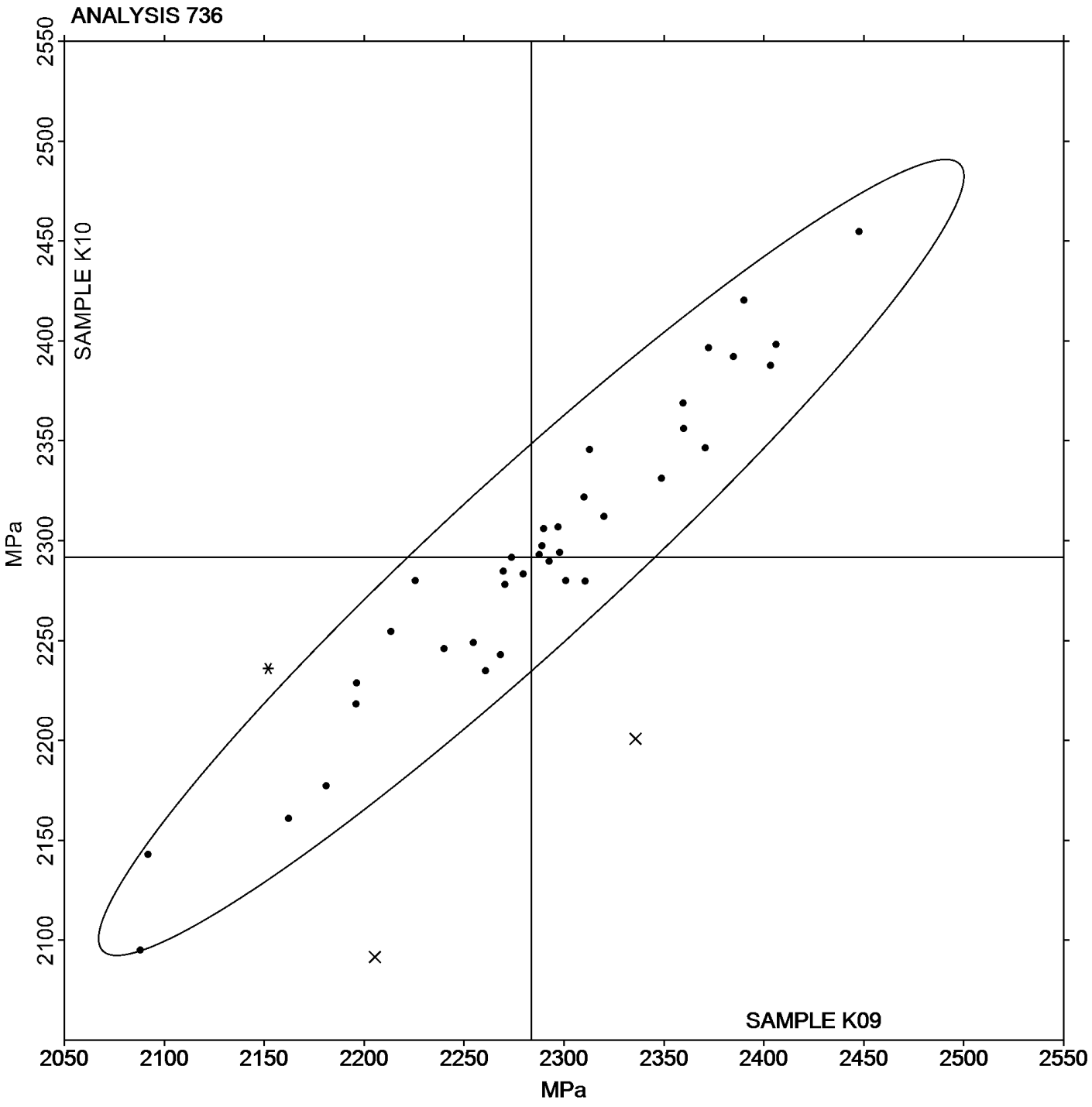
9R7D7M (X) - Inconsistent in testing between samples.

Z9LMTK (X) - Inconsistent in testing between samples.

KP6AMN (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample K10.

PXWCU2 (X) - Extreme data.

Grand Mean Sample K09: 2,283.60 MPa Grand Mean Sample K10: 2,291.59 MPa



WebCode	Data Flag	Sample K09 Lab Mean	Sample K09 Diff from Grand Mean	Sample K09 CPV	Sample K10 Lab Mean	Sample K10 Diff from Grand Mean	Sample K10 CPV
3BZ2CB		71.70	0.92	0.47	70.48	-0.24	-0.10
3VNMUD	X	11.80	-58.98	-29.75	11.80	-58.92	-25.95
793UJA		69.70	-1.08	-0.54	69.83	-0.89	-0.39
94X339		70.41	-0.37	-0.19	70.66	-0.06	-0.03
9R7D7M		70.61	-0.16	-0.08	69.29	-1.43	-0.63
AY3T9Z		72.90	2.12	1.07	72.79	2.07	0.91
CPBUUZ		68.83	-1.95	-0.98	68.95	-1.77	-0.78
ENQPFY		70.68	-0.09	-0.05	70.71	-0.01	-0.01
F73ZE3		67.52	-3.26	-1.64	66.28	-4.44	-1.95
F7MGU6		74.55	3.78	1.90	74.97	4.25	1.87
F8DXPY		70.59	-0.19	-0.09	70.53	-0.19	-0.08
FCTBQL		71.36	0.58	0.29	71.52	0.80	0.35
FPFKB7		68.14	-2.64	-1.33	68.27	-2.45	-1.08
HKVC3W	X	80.68	9.90	4.99	80.50	9.78	4.31
JTJPE2	X	85.48	14.70	7.42	85.42	14.70	6.47
KP6AMN	*	75.40	4.62	2.33	76.66	5.94	2.62
KPLJGB	X	80.61	9.83	4.96	79.21	8.49	3.74
L8EQ7T		71.07	0.29	0.15	70.97	0.25	0.11
M4V999		69.73	-1.05	-0.53	69.17	-1.55	-0.68
MC7BUA		68.04	-2.74	-1.38	68.14	-2.58	-1.14
MTBKRN		68.48	-2.30	-1.16	68.80	-1.92	-0.85
NFK9WP		75.02	4.24	2.14	74.60	3.88	1.71
PXWCU2	X	105.87	35.10	17.70	105.60	34.88	15.36
RRJBNN		72.36	1.58	0.80	72.22	1.50	0.66
TZVV7Q		70.38	-0.40	-0.20	70.52	-0.20	-0.09
VD7DQP	*	70.45	-0.33	-0.17	72.60	1.88	0.83
W3AK2Y		69.80	-0.98	-0.49	70.56	-0.16	-0.07
W3RGN8		68.97	-1.81	-0.91	68.98	-1.74	-0.77
WAPBJK		71.72	0.94	0.48	71.18	0.46	0.20
WUDW3M		73.69	2.92	1.47	74.16	3.45	1.52
WY8QYN		71.38	0.61	0.31	71.53	0.81	0.36
WYR6R8		69.27	-1.51	-0.76	69.08	-1.64	-0.72
XPYGAA		70.21	-0.57	-0.29	69.88	-0.84	-0.37
YAZUGM		71.25	0.47	0.24	71.05	0.34	0.15
YEUQ7D		69.26	-1.51	-0.76	67.30	-3.42	-1.51

WebCode	Data Flag	Sample K09 Lab Mean	Sample K09 Diff from Grand Mean	Sample K09 CPV	Sample K10 Lab Mean	Sample K10 Diff from Grand Mean	Sample K10 CPV
Z9LMTK	X	68.19	-2.59	-1.30	64.27	-6.44	-2.84
ZDDRNA		70.62	-0.16	-0.08	70.58	-0.13	-0.06

Summary Statistics

	Sample K09	Sample K10
Grand Means	70.778 MPa	70.718 MPa
Stnd Dev Btwn Labs	1.982 MPa	2.271 MPa

Statistics based on 31 of 37 reporting participants

Sample K09: ABS/PC & Sample K10: ABS/PC

Comments on Assigned Data Flags for Test #737

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

HKVC3W (X) - Data for both samples are high. Possible Systematic Error.

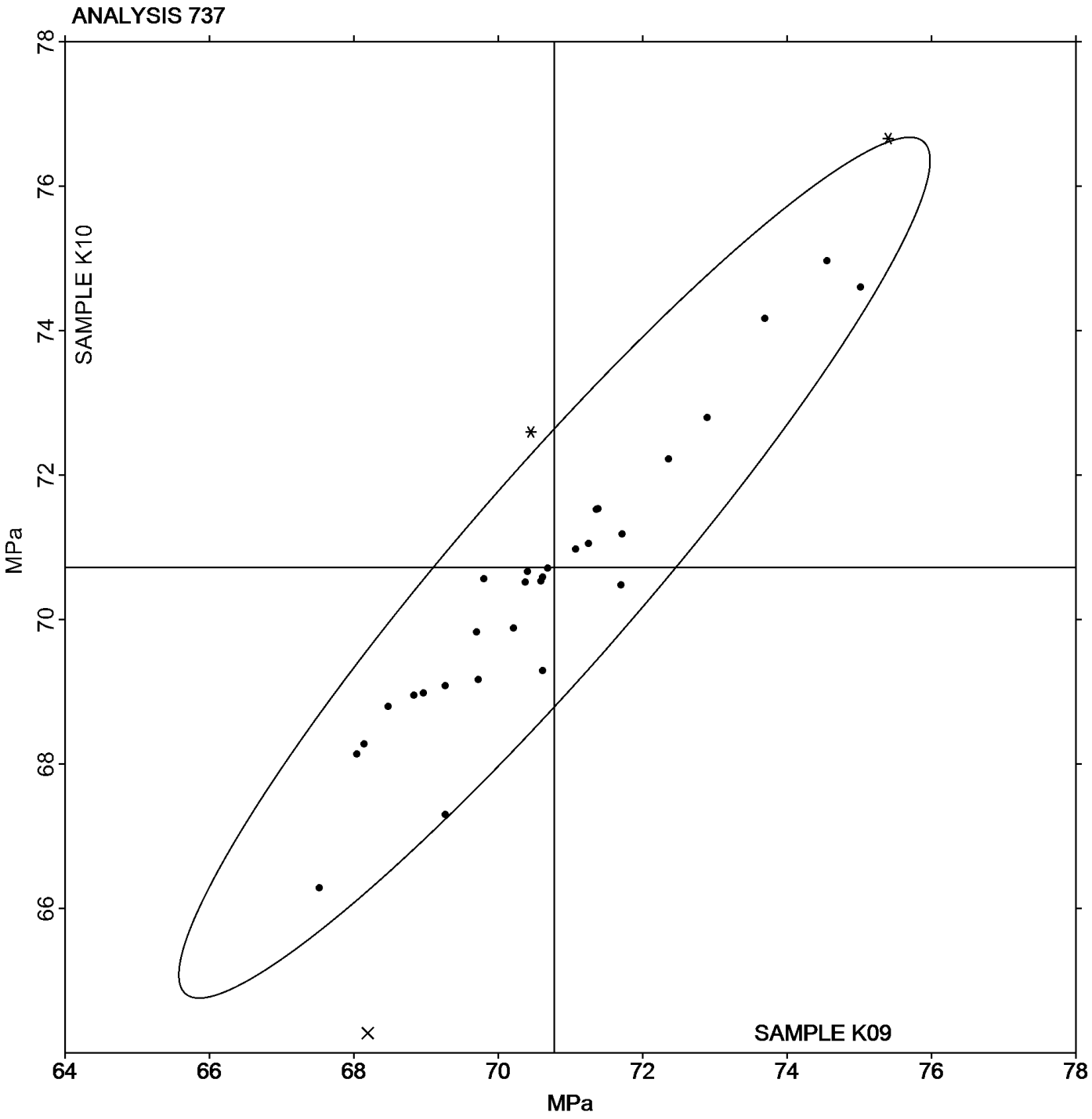
3VNMUD (X) - Extreme data.

Z9LMTK (X) - Data for sample K10 are low.

JTJPE2 (X) - Data for both samples are high. Possible Systematic Error.

PXWCU2 (X) - Data for both samples are high.

Grand Mean Sample K09: 70.778 MPa Grand Mean Sample K10: 70.718 MPa



WebCode	Data Flag	Sample K09 Lab Mean	Sample K09 Diff from Grand Mean	Sample K09 CPV	Sample K10 Lab Mean	Sample K10 Diff from Grand Mean	Sample K10 CPV
3BZ2CB		81.83	2.95	0.99	79.58	1.06	0.30
63GEFC		78.87	-0.01	0.00	79.43	0.91	0.26
793UJA		79.65	0.77	0.26	79.57	1.05	0.30
9R7D7M		80.20	1.32	0.44	79.00	0.48	0.14
AV6CV7	X	40.90	-37.97	-12.76	40.43	-38.09	-10.75
CPBUUZ		78.07	-0.81	-0.27	78.85	0.33	0.09
EEEVVP		78.55	-0.33	-0.11	78.34	-0.18	-0.05
ENQPFY		79.39	0.51	0.17	79.37	0.85	0.24
F73ZE3		74.46	-4.42	-1.48	73.06	-5.46	-1.54
F8DXPY		78.32	-0.56	-0.19	78.48	-0.04	-0.01
FCTBQL		80.56	1.68	0.56	81.00	2.48	0.70
HKVC3W	*	71.10	-7.78	-2.61	71.01	-7.51	-2.12
JTJPE2		85.48	6.60	2.22	85.43	6.91	1.95
K4KBGU		82.76	3.88	1.30	82.85	4.33	1.22
KP6AMN		76.00	-2.88	-0.97	75.88	-2.64	-0.75
KPLJGB	*	84.51	5.63	1.89	87.37	8.85	2.50
L8EQ7T		79.77	0.89	0.30	79.58	1.06	0.30
M4V999		78.18	-0.70	-0.23	77.71	-0.81	-0.23
MTBKRN		76.66	-2.22	-0.75	77.15	-1.37	-0.39
NFK9WP		75.02	-3.86	-1.30	74.60	-3.92	-1.11
PXWCU2	X	107.77	28.89	9.70	107.75	29.23	8.25
RRJBNN		80.00	1.12	0.38	79.20	0.68	0.19
TZVV7Q		79.12	0.24	0.08	79.20	0.68	0.19
VD7DQP		80.78	1.90	0.64	79.24	0.72	0.20
W3AK2Y		79.36	0.48	0.16	79.92	1.40	0.40
W3RGN8		76.96	-1.92	-0.65	76.94	-1.58	-0.44
WAPBJK		80.76	1.88	0.63	79.42	0.90	0.25
WUDW3M		82.00	3.12	1.05	82.40	3.88	1.10
WYR6R8		76.78	-2.10	-0.71	76.88	-1.64	-0.46
XPYGAA		80.39	1.51	0.51	79.87	1.35	0.38
YAZUGM		78.56	-0.32	-0.11	78.50	-0.02	-0.01
YEUQ7D		76.02	-2.86	-0.96	72.92	-5.60	-1.58
Z9LMTK	*	75.16	-3.72	-1.25	71.34	-7.18	-2.03

Summary Statistics	Sample K09	Sample K10
Grand Means	78.879 MPa	78.519 MPa
Stnd Dev Btwn Labs	2.977 MPa	3.542 MPa

Statistics based on 31 of 33 reporting participants

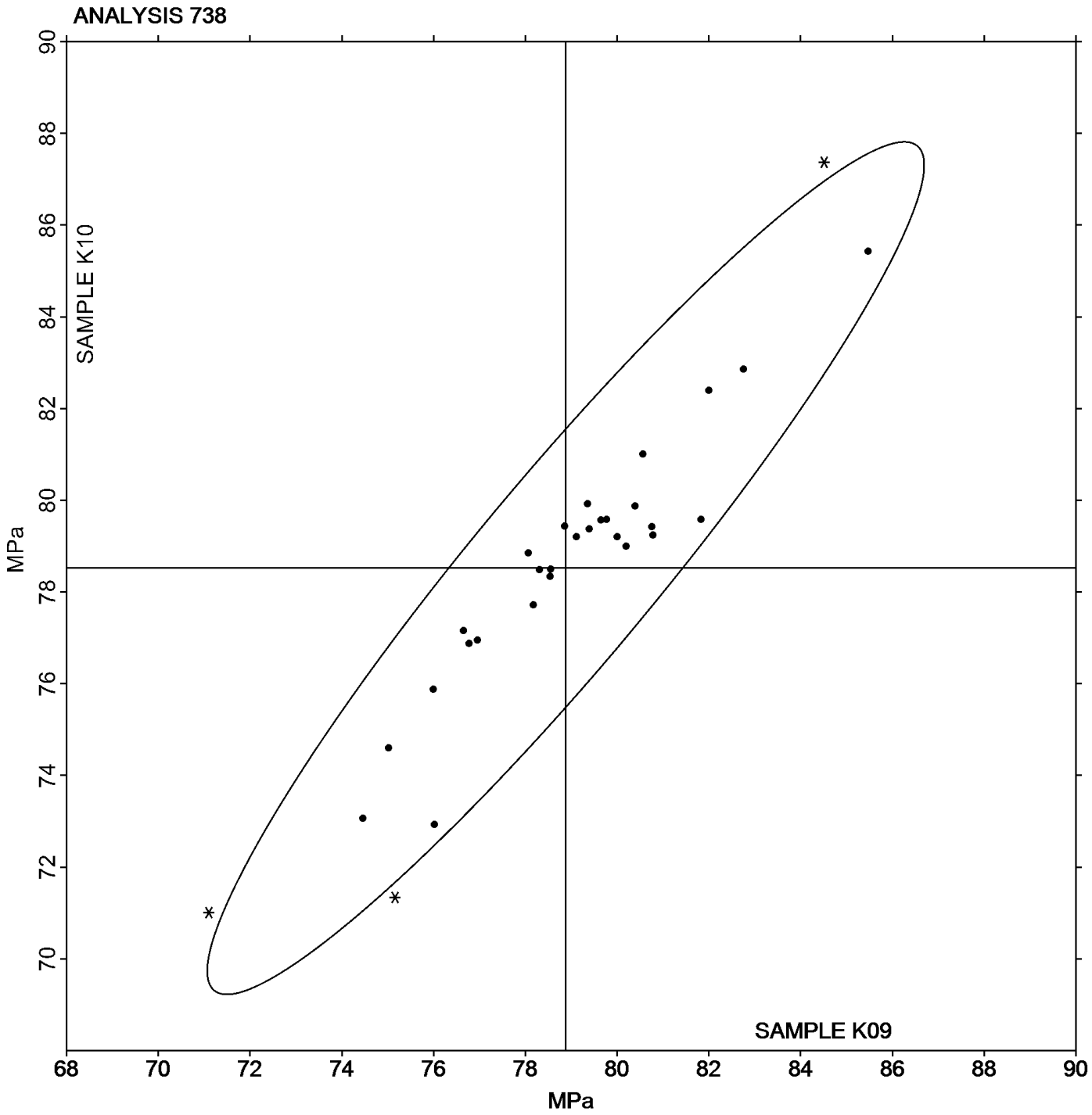
Sample K09: ABS/PC & Sample K10: ABS/PC

Comments on Assigned Data Flags for Test #738

AV6CV7 (X) - Data for both samples are low.

PXWCU2 (X) - Data for both samples are high.

Grand Mean Sample K09: 78.879 MPa Grand Mean Sample K10: 78.519 MPa



WebCode	Data Flag	Sample X09 Lab Mean	Sample X09 Diff from Grand Mean	Sample X09 CPV	Sample X10 Lab Mean	Sample X10 Diff from Grand Mean	Sample X10 CPV	Instr Code
22G6X6		12.44	-0.04	-0.05	12.42	-0.04	-0.05	TO
26XUW9		13.52	1.04	1.32	13.30	0.84	1.12	TO
376CTH		11.40	-1.08	-1.38	11.45	-1.01	-1.35	TO
3BZ2CB		13.02	0.54	0.68	13.10	0.64	0.86	TO
3CB7ME		11.15	-1.33	-1.70	11.00	-1.46	-1.95	TO
63GEFC		12.64	0.16	0.20	12.42	-0.04	-0.05	TO
63GG6G	X	6.02	-6.46	-8.26	5.98	-6.48	-8.66	TO
6NXR7E		12.43	-0.05	-0.07	12.20	-0.26	-0.35	XX
6Q3HB9		12.56	0.08	0.10	12.57	0.11	0.14	DY
7NVGU9	X	16.70	4.22	5.39	15.36	2.90	3.88	DY
879KNY		12.46	-0.02	-0.02	12.65	0.19	0.25	TO
8L3AKV		11.67	-0.81	-1.03	11.82	-0.64	-0.85	TO
9DLWE6		11.85	-0.63	-0.80	12.00	-0.46	-0.61	WZ
9FCZ9C		12.60	0.12	0.15	12.60	0.14	0.19	TO
9JTMJV	*	14.32	1.84	2.35	14.42	1.96	2.62	TO
9K8RHU		12.91	0.43	0.54	12.96	0.50	0.67	TO
9R7D7M		12.80	0.32	0.41	13.20	0.74	0.99	TO
A8FG9U		11.62	-0.86	-1.10	11.83	-0.63	-0.84	TO
ALENZ4		12.38	-0.10	-0.13	12.44	-0.02	-0.03	DY
AY3T9Z		12.71	0.23	0.29	12.49	0.03	0.04	DY
BD2WCQ		13.20	0.72	0.92	12.55	0.09	0.12	TO
BH9MFW	*	14.55	2.07	2.65	14.44	1.98	2.65	CE
BJNKC3		12.00	-0.48	-0.62	12.17	-0.29	-0.39	WZ
BTTW26		12.11	-0.37	-0.47	12.28	-0.18	-0.24	DY
CJJLA7		11.05	-1.43	-1.83	11.36	-1.10	-1.48	WZ
CPBUUZ	*	14.60	2.12	2.71	14.05	1.59	2.13	WZ
DE67HT		12.89	0.41	0.53	13.08	0.62	0.83	TO
DELHZY		13.42	0.94	1.20	13.62	1.16	1.54	QT
DYA4H2		12.20	-0.28	-0.36	12.43	-0.03	-0.05	WZ
EG8L9W		12.85	0.37	0.47	12.70	0.24	0.32	WZ
EJTBN3		13.00	0.52	0.67	12.95	0.49	0.66	TO
ENQPFY		13.20	0.72	0.92	13.25	0.79	1.06	TO
EYA9T4		12.78	0.30	0.38	12.26	-0.20	-0.27	GO
F73ZE3		12.09	-0.39	-0.50	12.17	-0.29	-0.39	TO
F7MGU6		12.48	0.00	-0.01	12.40	-0.06	-0.08	DY

WebCode	Data Flag	Sample X09 Lab Mean	Sample X09 Diff from Grand Mean	Sample X09 CPV	Sample X10 Lab Mean	Sample X10 Diff from Grand Mean	Sample X10 CPV	Instr Code
F8DXPY		11.63	-0.85	-1.09	11.60	-0.86	-1.14	DY
H4DALW		12.46	-0.02	-0.02	12.56	0.10	0.13	WZ
HAELHT		12.30	-0.18	-0.23	12.80	0.34	0.46	TO
HKVC3W		13.30	0.82	1.05	12.90	0.44	0.59	TO
JG8D4T		12.72	0.24	0.31	13.23	0.77	1.03	TO
JNDUWM		12.99	0.51	0.65	13.48	1.02	1.36	WZ
JTJPE2		11.84	-0.64	-0.81	11.94	-0.52	-0.69	DY
JZ93KV		12.53	0.05	0.06	11.90	-0.56	-0.75	WZ
K74PKU		12.64	0.16	0.20	12.64	0.18	0.24	GO
KL62FT		12.25	-0.23	-0.30	12.39	-0.07	-0.09	KA
KP6AMN		11.10	-1.38	-1.76	10.80	-1.66	-2.22	TO
L8EQ7T		11.90	-0.58	-0.74	11.95	-0.51	-0.68	WZ
MAEEYN		12.89	0.41	0.53	12.51	0.05	0.07	TO
MC7BUA		12.59	0.11	0.14	12.31	-0.15	-0.20	DY
MTBKRN	*	13.05	0.57	0.73	12.10	-0.36	-0.48	CE
NFK9WP		12.00	-0.48	-0.61	11.95	-0.51	-0.68	WZ
NYZGXQ		12.02	-0.46	-0.59	12.52	0.06	0.07	WZ
PDCG2U		12.53	0.05	0.06	12.58	0.12	0.16	KA
PXWCU2		11.55	-0.93	-1.19	11.80	-0.66	-0.88	CE
RBXP84		11.13	-1.35	-1.73	11.03	-1.43	-1.91	TO
RKKT9C		11.56	-0.92	-1.18	11.57	-0.89	-1.20	TO
T7YW7K		12.30	-0.18	-0.23	12.05	-0.41	-0.55	CE
TWBWW3		11.95	-0.53	-0.68	12.25	-0.21	-0.28	TO
TXP9TL		13.75	1.27	1.62	13.19	0.73	0.97	TO
TZVV7Q		12.13	-0.35	-0.45	12.21	-0.25	-0.33	TY
U3X7GK		12.28	-0.20	-0.26	12.35	-0.11	-0.15	TO
UJ2KXE	X	14.68	2.20	2.81	15.08	2.62	3.50	TO
V48FAH		12.90	0.42	0.54	12.80	0.34	0.46	TO
VEM8TK		12.55	0.07	0.09	12.55	0.09	0.12	TO
VNQH6G		11.55	-0.93	-1.19	11.62	-0.84	-1.13	XX
W3AK2Y		12.43	-0.05	-0.07	12.56	0.10	0.13	CE
W3RGN8		11.68	-0.80	-1.02	11.80	-0.66	-0.89	TO
W4KCBF	*	14.43	1.95	2.49	14.06	1.60	2.14	TO
WAPBJK	X	18.66	6.18	7.90	18.39	5.93	7.92	GO
WUDW3M		12.38	-0.10	-0.13	12.14	-0.32	-0.43	GO

Plastics Interlaboratory Testing Program

Analysis 750

Flow Rates of Thermoplastics (190 or 230C/2.16 kg) - g/10 mins

WebCode	Data Flag	Sample X09 Lab Mean	Sample X09 Diff from Grand Mean	Sample X09 CPV	Sample X10 Lab Mean	Sample X10 Diff from Grand Mean	Sample X10 CPV	Instr Code
WY8QYN		12.31	-0.17	-0.22	12.14	-0.32	-0.43	TO
WYR6R8		11.62	-0.86	-1.10	11.86	-0.60	-0.81	TO
XPYGAA		12.24	-0.24	-0.31	12.04	-0.42	-0.56	WZ
XTXR7A		13.75	1.27	1.62	13.44	0.98	1.30	TO
XUVZFE		11.95	-0.53	-0.68	12.30	-0.16	-0.21	KA
YEUQ7D	*	13.50	1.02	1.30	14.05	1.59	2.13	TO
Z9LMTK	X	6.45	-6.03	-7.71	15.35	2.89	3.86	GO
ZDDRNA		11.94	-0.54	-0.69	11.38	-1.08	-1.44	XX
ZLP79Q		12.04	-0.44	-0.56	12.14	-0.32	-0.43	WZ

Summary Statistics

	Sample X09	Sample X10
Grand Means	12.479 grams/10 mins	12.459 grams/10 mins
Stnd Dev Btwn Labs	0.782 grams/10 mins	0.748 grams/10 mins

Statistics based on 74 of 79 reporting participants

Sample X09: PP & Sample X10: PP

Comments on Assigned Data Flags for Test #750

7NVGU9 (X) - Data for both samples are high. Possible Systematic Error.

WAPBJK (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample X10.

Z9LMTK (X) - Data for sample X09 are low and data for sample X10 are high. Inconsistent in testing between samples.

63GG6G (X) - Data for both samples are low. Possible Systematic Error.

UJ2KXE (X) - Data for both samples are high. Possible Systematic Error.

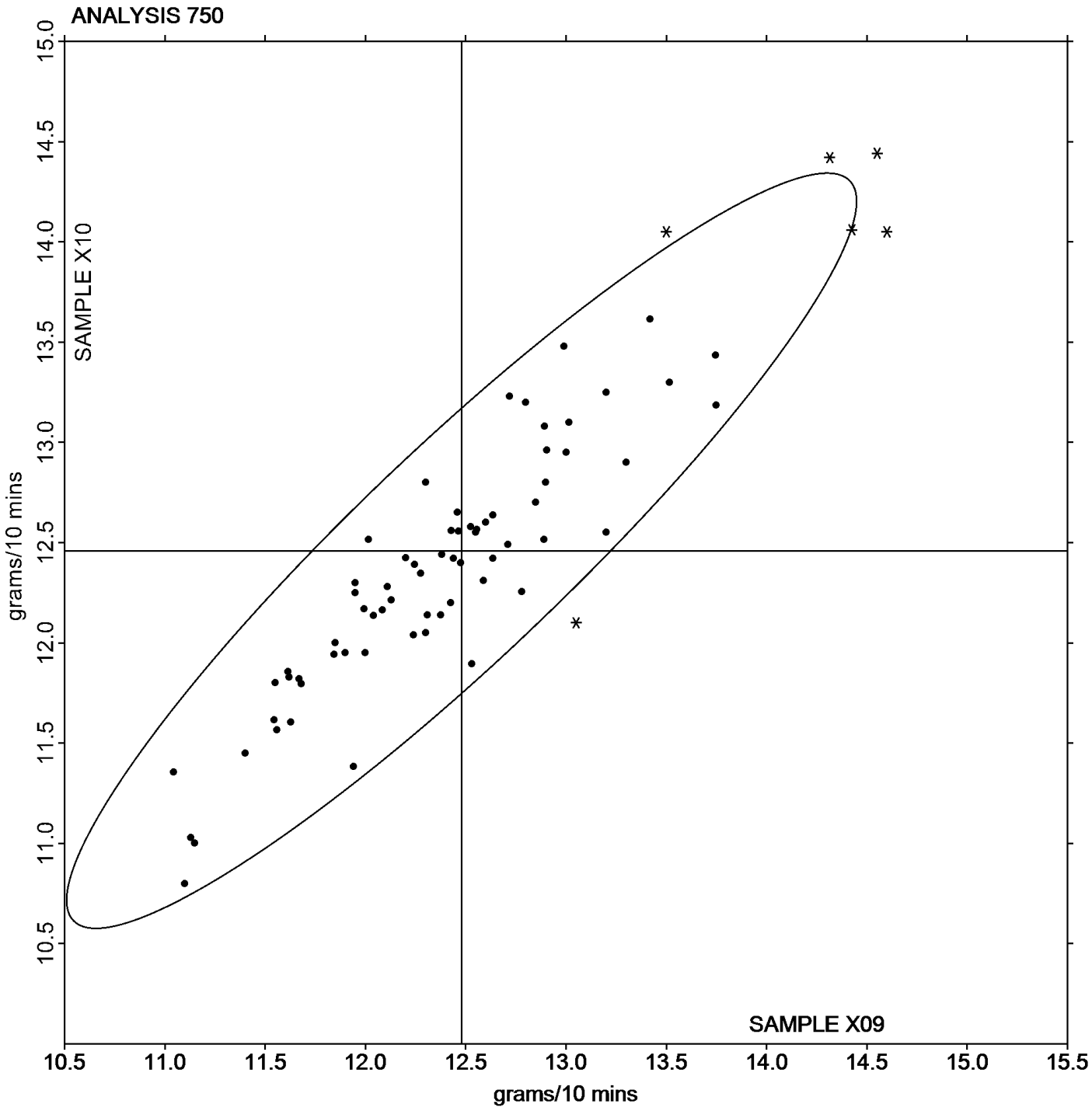
Results by Methodology (as reported by laboratory)

Test Methodology	Sample X09 PP Group Mean	Sample X09 PP Btwn Lab STD	Sample X09 PP Diff from GM	Sample X10 PP Group Mean	Sample X10 PP Btwn Lab STD	Sample X10 PP Diff from GM	Labs Incl / Rpt
Procedure A of ASTM D1238	12.629	0.835	0.15	12.606	0.824	0.15	31/34
Procedure B of ASTM D1238	12.306	0.743	-0.17	12.321	0.712	-0.14	23/23
Procedure A of ISO 1133	12.663	0.790	0.18	12.532	0.775	0.07	11/12
Procedure B of ISO 1133	12.206	0.631	-0.27	12.227	0.483	-0.23	8/9

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample X09: 12.479 grams/10 mins Grand Mean Sample X10: 12.459 grams/10 mins



WebCode	Data Flag	Sample Y09 Lab Mean	Sample Y09 Diff from Grand Mean	Sample Y09 CPV	Sample Y10 Lab Mean	Sample Y10 Diff from Grand Mean	Sample Y10 CPV	Instr Code
2MHLV8		0.01373	-0.00235	-0.36	0.01435	-0.00112	-0.20	XX
2T2LD6		0.00860	-0.00748	-1.14	0.00833	-0.00714	-1.27	AZ
63GG6G	X	0.10667	0.09058	13.85	0.12667	0.11119	19.83	MU
94X339		0.01777	0.00168	0.26	0.01817	0.00269	0.48	MU
9R7D7M		0.01100	-0.00508	-0.78	0.01267	-0.00281	-0.50	AZ
ALENZ4		0.02027	0.00418	0.64	0.01450	-0.00097	-0.17	AZ
AV6CV7		0.01300	-0.00308	-0.47	0.01467	-0.00081	-0.14	CT
AY3T9Z		0.01980	0.00372	0.57	0.01867	0.00319	0.57	BA
BTTW26		0.02400	0.00792	1.21	0.01800	0.00253	0.45	AZ
CPBUUZ		0.01733	0.00125	0.19	0.01333	-0.00214	-0.38	MU
CUHH82		0.01700	0.00092	0.14	0.01820	0.00273	0.49	BA
DE67HT		0.01450	-0.00158	-0.24	0.01700	0.00153	0.27	XX
EG8L9W		0.00567	-0.01042	-1.59	0.00633	-0.00914	-1.63	MK
F73ZE3	X	0.06223	0.04615	7.06	0.05943	0.04396	7.84	AZ
F7MGU6		0.01770	0.00162	0.25	0.01340	-0.00207	-0.37	MJ
FCTBQL		0.01367	-0.00242	-0.37	0.01267	-0.00281	-0.50	MU
FU9KRM		0.02000	0.00392	0.60	0.02233	0.00686	1.22	CS
JTJPE2		0.01567	-0.00042	-0.06	0.01633	0.00086	0.15	MU
KP6AMN		0.00453	-0.01155	-1.77	0.00433	-0.01114	-1.99	CT
MWEHZV		0.01000	-0.00608	-0.93	0.01033	-0.00514	-0.92	MU
PXWCU2		0.02067	0.00458	0.70	0.01633	0.00086	0.15	MU
UWQKPG		0.02900	0.01292	1.97	0.03000	0.01453	2.59	MU
VEM8TK		0.01967	0.00358	0.55	0.02400	0.00853	1.52	BA
VH6RDF		0.01269	-0.00339	-0.52	0.01359	-0.00188	-0.34	CT
W3AK2Y	X	0.03092	0.01483	2.27	0.01441	-0.00106	-0.19	MK
XEE6WC		0.01450	-0.00158	-0.24	0.01950	0.00403	0.72	BA
XPYGAA	*	0.03133	0.01525	2.33	0.02153	0.00606	1.08	MU
YEUQ7D		0.00867	-0.00742	-1.13	0.01100	-0.00447	-0.80	MU
Z9LMTK		0.02500	0.00892	1.36	0.02000	0.00453	0.81	MU
ZDDRNA		0.00767	-0.00842	-1.29	0.00700	-0.00847	-1.51	CT
ZXF27H		0.01693	0.00085	0.13	0.01667	0.00119	0.21	MD

Summary Statistics

	Sample Y09	Sample Y10
Grand Means	0.016084 Percent	0.015473 Percent
Stnd Dev Btwn Labs	0.006540 Percent	0.005606 Percent

Statistics based on 28 of 31 reporting participants

Sample Y09: HIPS & Sample Y10: HIPS

Comments on Assigned Data Flags for Test #755

W3AK2Y (X) - Inconsistent in testing between samples.

F73ZE3 (X) - Data for both samples are high. Possible Systematic Error.

63GG6G (X) - Extreme data.

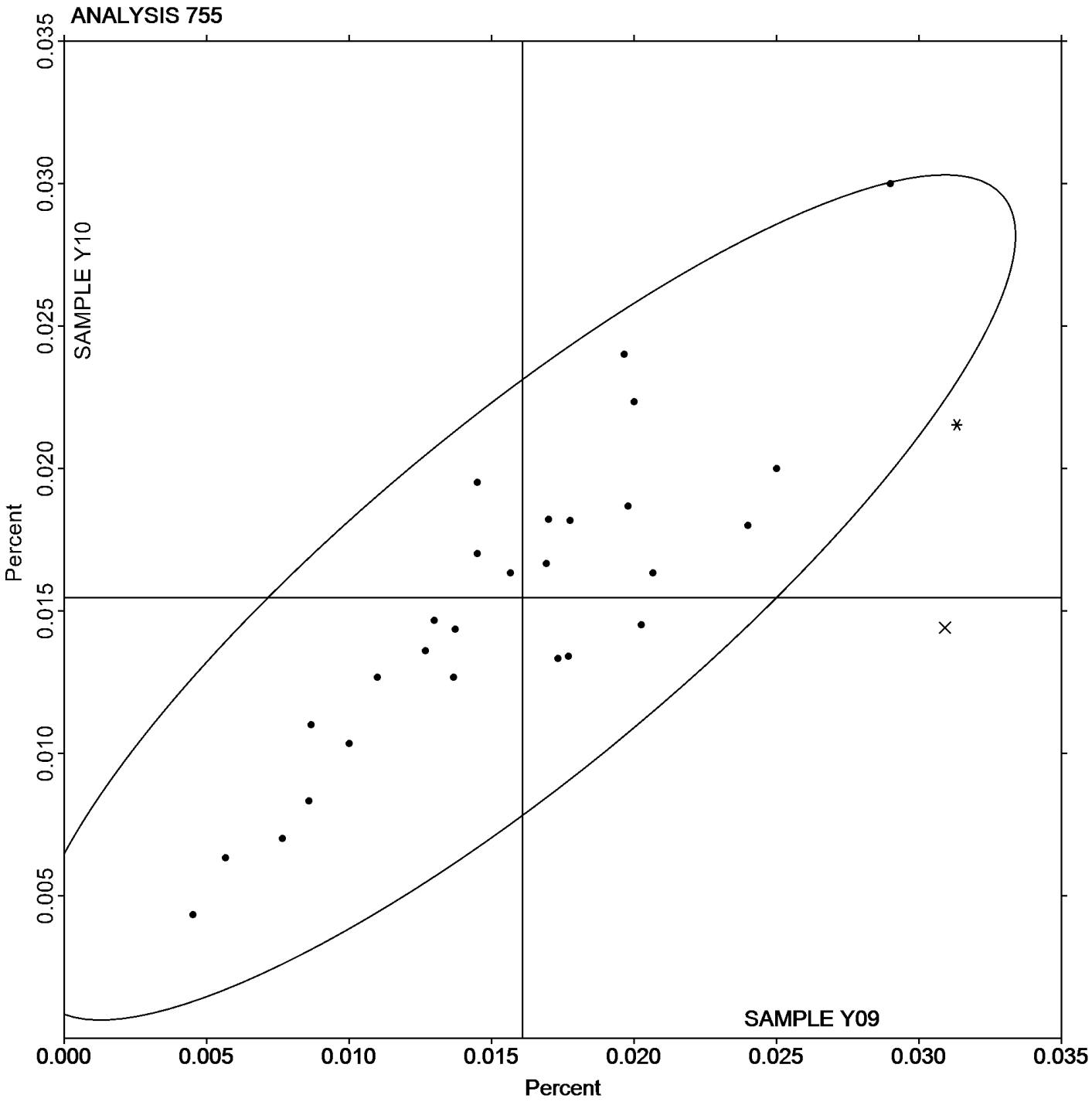
Results by Methodology (as reported by laboratory)

	Sample Y09 *HIPS*			Sample Y10 *HIPS*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
ASTM D6869	0.014211	0.005475	-0.0019	0.014241	0.005267	-0.0012	9/9
ISO 15512 Method B	0.017807	0.009100	0.0017	0.014560	0.005753	-0.0009	5/6
ASTM D6980	0.021038	0.007076	0.0050	0.019718	0.006199	0.0042	5/7
ASTM D7191	0.013367	0.005445	-0.0027	0.013528	0.006037	-0.0019	6/6

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
MU Mettler Toledo
XX Instrument manufacturer not specified by lab

Grand Mean Sample Y09: 0.01608 Percent Grand Mean Sample Y10: 0.01547 Percent



WebCode	Data Flag	Sample L09 Lab Mean	Sample L09 Diff from Grand Mean	Sample L09 CPV	Sample L10 Lab Mean	Sample L10 Diff from Grand Mean	Sample L10 CPV
26XUW9		29.810	0.100	1.32	29.820	0.109	1.24
2NVV9E		29.725	0.015	0.20	29.775	0.064	0.73
42BPGA		29.710	0.000	0.00	29.640	-0.071	-0.80
48WPV2		29.751	0.041	0.53	29.779	0.068	0.77
63GEFC		29.590	-0.120	-1.58	29.590	-0.121	-1.37
6NXR7E		29.660	-0.050	-0.66	29.670	-0.041	-0.46
879KNY		29.745	0.035	0.46	29.735	0.024	0.27
99F6AD		29.730	0.020	0.26	29.740	0.029	0.33
9R7D7M		29.750	0.040	0.53	29.735	0.024	0.27
AY3T9Z		29.680	-0.030	-0.40	29.700	-0.011	-0.12
BD2WCQ	X	27.450	-2.260	-29.82	29.100	-0.611	-6.94
C94RZX		29.730	0.020	0.26	29.680	-0.031	-0.35
CCXQ93	X	32.033	2.323	30.65	32.065	2.355	26.74
CPBUUZ		29.670	-0.040	-0.53	29.785	0.074	0.84
CUHH82		29.640	-0.070	-0.92	29.635	-0.076	-0.86
DE67HT	X	29.635	-0.075	-0.99	29.820	0.109	1.24
EG8L9W		29.800	0.090	1.19	29.785	0.074	0.84
EJTBN3		29.745	0.035	0.46	29.635	-0.076	-0.86
ENQPFY	*	29.505	-0.205	-2.70	29.510	-0.201	-2.28
F73ZE3	*	29.845	0.135	1.78	29.940	0.229	2.60
F7MGU6		29.700	-0.010	-0.13	29.700	-0.011	-0.12
FMDM3Y	X	29.150	-0.560	-7.39	29.350	-0.361	-4.10
FPFKB7		29.700	-0.010	-0.13	29.755	0.044	0.50
FU9KRM		29.575	-0.135	-1.78	29.620	-0.091	-1.03
GX8HFK		29.685	-0.025	-0.33	29.750	0.039	0.45
H4DALW		29.695	-0.015	-0.20	29.715	0.004	0.05
HKVC3W		29.655	-0.055	-0.73	29.570	-0.141	-1.60
JTJPE2		29.815	0.105	1.39	29.846	0.135	1.53
JXFC9P		29.700	-0.010	-0.13	29.700	-0.011	-0.12
K4KBGU		29.595	-0.115	-1.52	29.625	-0.086	-0.97
KP6AMN	X	29.284	-0.426	-5.62	29.503	-0.208	-2.37
L8EQ7T		29.665	-0.045	-0.59	29.570	-0.141	-1.60
PDCG2U		29.573	-0.137	-1.81	29.575	-0.136	-1.54
PZ6QYL	X	28.835	-0.875	-11.55	28.805	-0.906	-10.29
RBXP84		29.735	0.025	0.33	29.720	0.009	0.10

WebCode	Data Flag	Sample L09 Lab Mean	Sample L09 Diff from Grand Mean	Sample L09 CPV	Sample L10 Lab Mean	Sample L10 Diff from Grand Mean	Sample L10 CPV
RUDY96		29.730	0.020	0.26	29.740	0.029	0.33
V48FAH		29.695	-0.015	-0.20	29.665	-0.046	-0.52
VNQH6G		29.720	0.010	0.13	29.665	-0.046	-0.52
W3AK2Y		29.750	0.040	0.53	29.700	-0.011	-0.12
W3RGN8	X	29.430	-0.280	-3.69	29.617	-0.093	-1.06
WUDW3M		29.770	0.060	0.79	29.725	0.014	0.16
WY8QYN		29.760	0.050	0.66	29.740	0.029	0.33
WYR6R8		29.680	-0.030	-0.40	29.695	-0.016	-0.18
XPYGAA		29.753	0.043	0.57	29.740	0.029	0.33
XTXR7A		29.735	0.025	0.33	29.770	0.059	0.67
YEUQ7D		29.755	0.045	0.59	29.740	0.029	0.33
Z9LMTK		29.725	0.015	0.20	29.735	0.024	0.27
ZDDRNA		29.740	0.030	0.40	29.740	0.029	0.33
ZLP79Q		29.585	-0.125	-1.65	29.645	-0.066	-0.75
ZMMEHV		29.763	0.053	0.70	29.721	0.010	0.11
ZXF27H	*	29.900	0.190	2.51	29.955	0.244	2.77

Summary Statistics

	Sample L09	Sample L10
Grand Means	29.7100 Percent	29.7108 Percent
Stnd Dev Btwn Labs	0.0758 Percent	0.0880 Percent

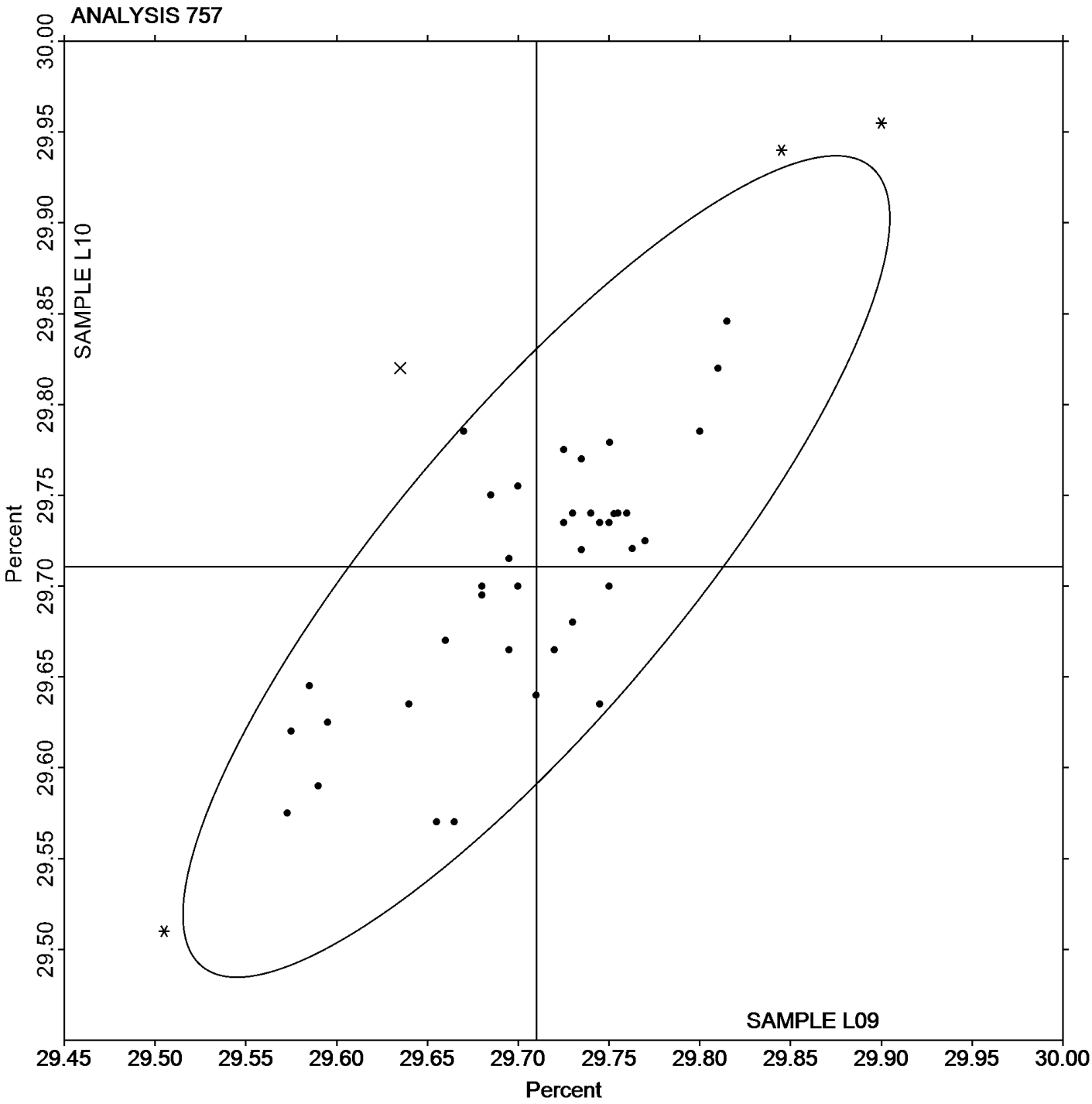
Statistics based on 44 of 51 reporting participants

Sample L09: PBT & Sample L10: PBT

Comments on Assigned Data Flags for Test #757

PZ6QYL (X) - Data for both samples are low. Inconsistent within the determinations of both samples.
FMDM3Y (X) - Data for both samples are low. Inconsistent within the determinations of sample L09.
CCXQ93 (X) - Data for both samples are high.
BD2WCQ (X) - Data for both samples are low. Inconsistent within the determinations of both samples.
W3RGN8 (X) - Data for sample L09 are low.
DE67HT (X) - Inconsistent in testing between samples.
KP6AMN (X) - Data for sample L09 are low. Inconsistent within the determinations of sample L09.

Grand Mean Sample L09: 29.710 Percent Grand Mean Sample L10: 29.711 Percent



WebCode	Data Flag	Sample A09 Lab Mean	Sample A09 Diff from Grand Mean	Sample A09 CPV	Sample A10 Lab Mean	Sample A10 Diff from Grand Mean	Sample A10 CPV	Instr Code
26XUW9		79.47	0.36	0.55	79.36	0.37	0.79	TA
96XXT7		79.17	0.06	0.09	78.90	-0.09	-0.18	NZ
AD464Y		79.48	0.37	0.55	78.46	-0.53	-1.11	TA
CCXQ93		79.91	0.80	1.20	79.61	0.63	1.31	PE
EYA9T4		78.62	-0.49	-0.73	78.73	-0.26	-0.55	TA
FPFKB7		79.37	0.26	0.40	79.35	0.36	0.76	TA
HXXZUQ		78.26	-0.85	-1.27	78.79	-0.20	-0.42	TA
JTJPE2		79.39	0.28	0.43	79.03	0.04	0.09	TA
KPLJGB		79.41	0.30	0.45	78.61	-0.38	-0.80	TA
KV7LHL		78.70	-0.41	-0.62	78.22	-0.77	-1.62	TA
L8EQ7T		79.40	0.29	0.43	79.25	0.26	0.54	TA
MRZ39H		79.69	0.58	0.88	79.43	0.44	0.93	TA
NFK9WP		79.50	0.39	0.58	79.35	0.36	0.75	TA
RBXP84		79.44	0.33	0.50	79.27	0.28	0.59	TA
VA9UQC		79.05	-0.06	-0.09	79.35	0.36	0.76	TA
WAPBJK	*	77.09	-2.02	-3.03	77.90	-1.09	-2.29	XX
Z9LMTK		78.90	-0.21	-0.32	79.19	0.20	0.43	MT

Summary Statistics

	Sample A09	Sample A10
Grand Means	79.107 Percent	78.986 Percent
Stnd Dev Btwn Labs	0.665 Percent	0.477 Percent

Statistics based on 17 of 17 reporting participants

Sample A09: PP & Sample A10: PP

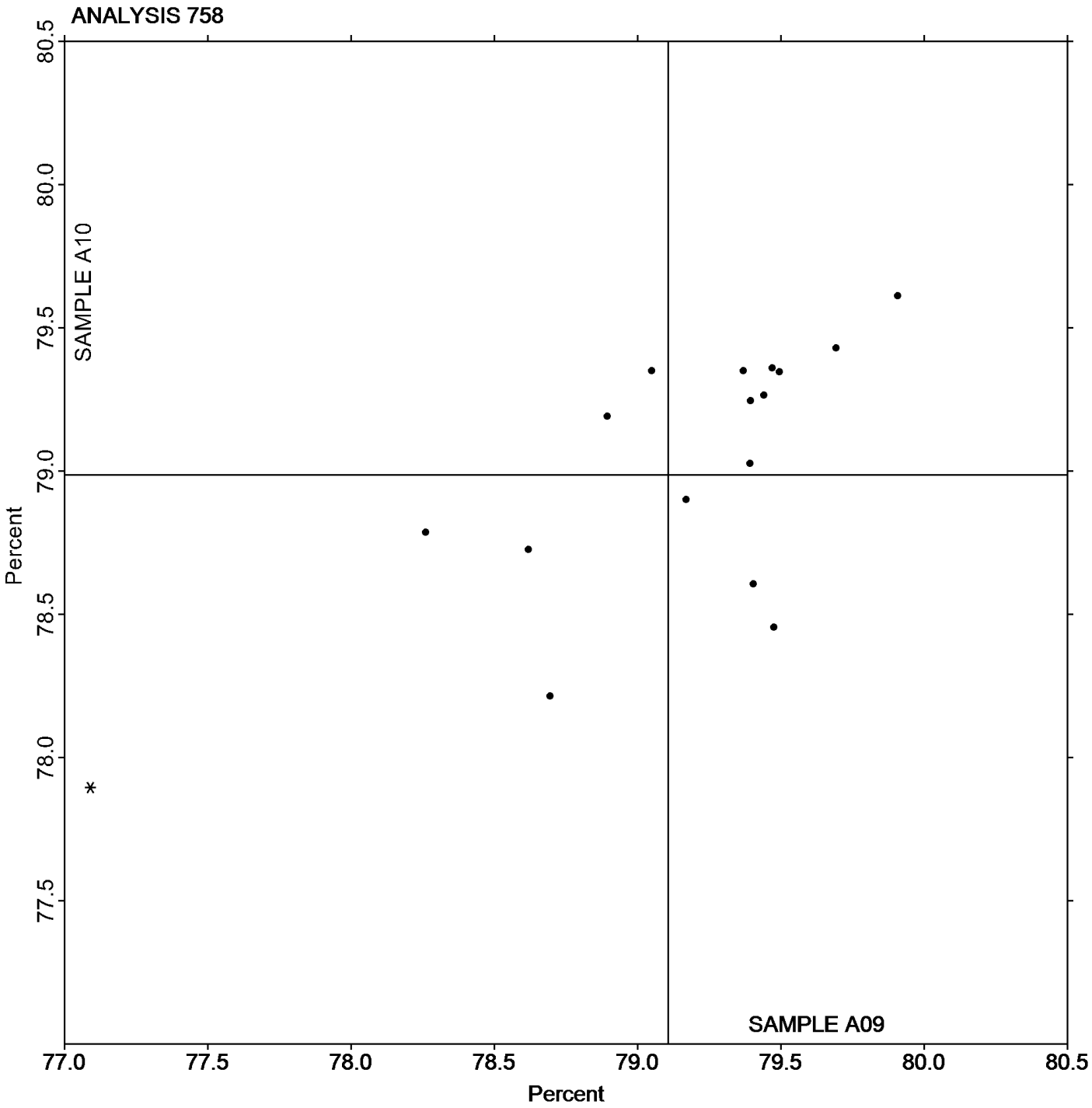
Results by Methodology (as reported by laboratory)

Test Methodology	Sample A09 PP Group Mean	Sample A09 PP Btwn Lab STD	Sample A09 PP Diff from GM	Sample A10 PP Group Mean	Sample A10 PP Btwn Lab STD	Sample A10 PP Diff from GM	Labs Incl / Rpt
ASTM D3850	79.264	0.481	0.16	79.007	0.469	0.02	10/10
ISO 11358	79.182	0.359	0.07	79.131	0.260	0.15	6/6

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample A09: 79.107 Percent Grand Mean Sample A10: 78.986 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 W09 Lab Mean	Sample W09 Diff from Grand Mean	Sample W09 CPV	Sample W10 Lab Mean	Sample W10 Diff from Grand Mean	Sample W10 CPV	Instr Code
26XUW9		170.60	-2.18	-0.34	170.33	-2.54	-0.38	TA
63GG6G	*	187.45	14.67	2.27	189.05	16.18	2.44	TA
6NXR7E		184.27	11.49	1.77	184.00	11.13	1.68	TA
94X339		171.20	-1.58	-0.24	171.47	-1.40	-0.21	TA
96XXT7		168.57	-4.21	-0.65	168.17	-4.70	-0.71	NZ
AD464Y		169.15	-3.62	-0.56	170.31	-2.56	-0.39	TA
DE67HT		166.67	-6.11	-0.94	167.50	-5.37	-0.81	NZ
EKPTP4		168.27	-4.51	-0.70	168.77	-4.10	-0.62	NZ
EYA9T4		157.74	-15.04	-2.32	157.15	-15.72	-2.37	TA
F7MGU6		169.74	-3.03	-0.47	169.11	-3.76	-0.57	TA
FMDM3Y		182.61	9.83	1.52	182.81	9.94	1.50	TA
FPFKB7		170.23	-2.55	-0.39	169.48	-3.39	-0.51	TA
FZDJZQ		169.20	-3.58	-0.55	169.14	-3.73	-0.56	TA
H3DDWY		175.77	2.99	0.46	175.63	2.76	0.42	MT
H3URZ3		171.49	-1.29	-0.20	173.53	0.66	0.10	TA
H4DALW		174.26	1.48	0.23	174.71	1.84	0.28	TA
HXXZUQ		168.80	-3.98	-0.61	168.63	-4.24	-0.64	TA
JNDUWM		170.91	-1.86	-0.29	170.67	-2.20	-0.33	TA
KP6AMN		163.83	-8.95	-1.38	164.32	-8.55	-1.29	PE
KPLJGB		170.23	-2.54	-0.39	169.90	-2.97	-0.45	TA
KV7LHL	X	141.67	-31.11	-4.81	140.43	-32.44	-4.90	TA
L8EQ7T		172.80	0.02	0.00	172.67	-0.20	-0.03	TA
MC7BUA		168.96	-3.82	-0.59	169.12	-3.75	-0.57	TA
VA9UQC		178.93	6.16	0.95	179.27	6.40	0.97	TA
VNQH6G		179.52	6.74	1.04	179.53	6.66	1.01	TA
WAPBJK		175.61	2.84	0.44	176.10	3.23	0.49	TA
XPYGAA	*	179.55	6.78	1.05	177.25	4.38	0.66	TA
Z4AWAB		170.19	-2.59	-0.40	169.21	-3.66	-0.55	PE
Z9LMTK		171.27	-1.51	-0.23	171.87	-1.00	-0.15	NZ
ZDDRNA		182.76	9.98	1.54	183.54	10.67	1.61	TA

Summary Statistics	Sample W09	Sample W10
Grand Means	172.778 Degrees Celsius	172.870 Degrees Celsius
Stnd Dev Btwn Labs	6.474 Degrees Celsius	6.621 Degrees Celsius

Statistics based on 29 of 30 reporting participants

Sample W09: PBT & Sample W10: PBT

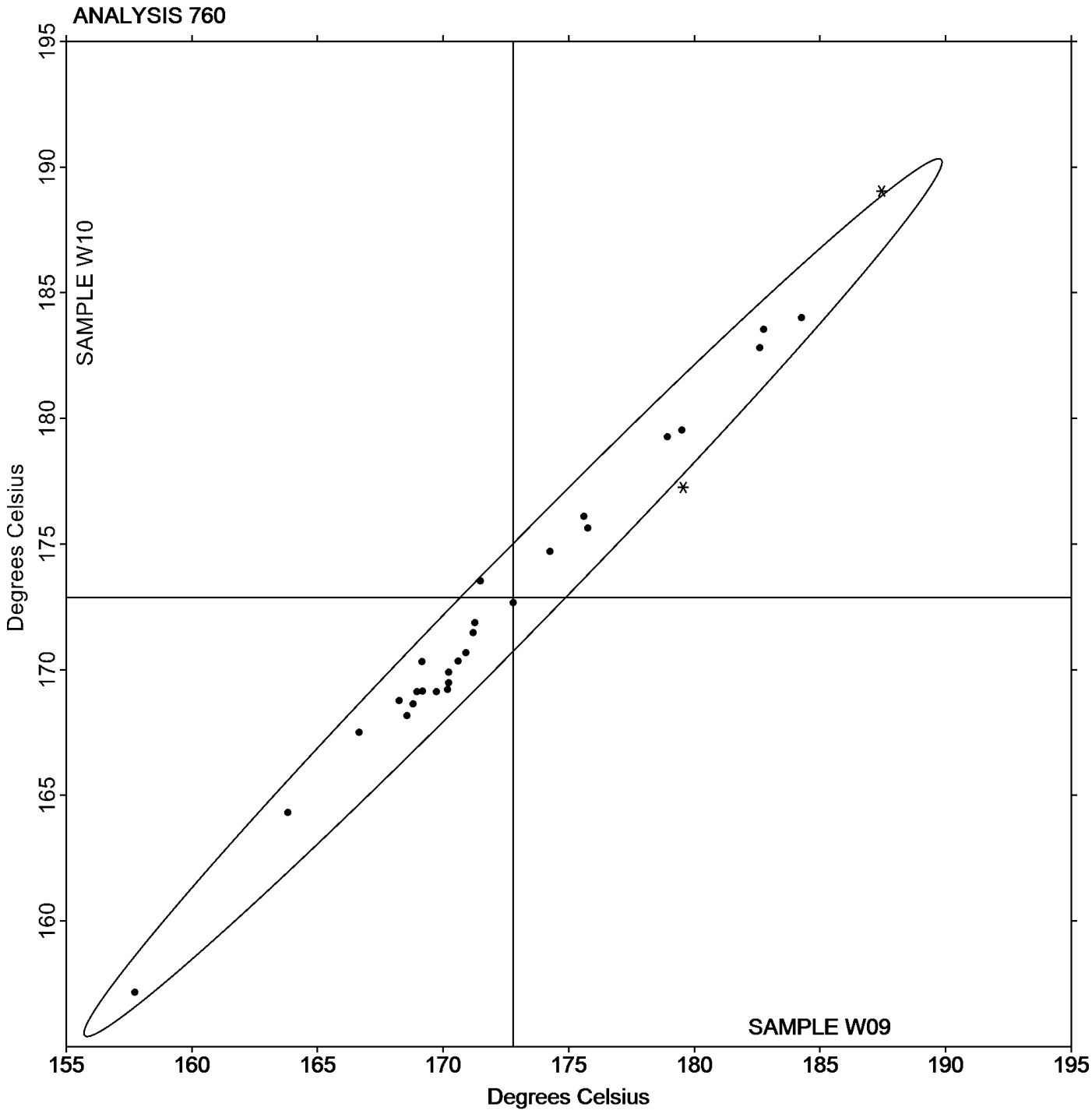
Comments on Assigned Data Flags for Test #760

KV7LHL (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample W10.

Key to Instrument Codes Reported by Participants

MT Mettler Toledo Instruments
NZ Netzsch Instruments
PE Perkins Elmer Instruments
TA TA Instruments

Grand Mean Sample W09: 172.78 Degrees Celsius Grand Mean Sample W10: 172.87 Degrees Celsius



WebCode	Data Flag	Sample W09 Lab Mean	Sample W09 Diff from Grand Mean	Sample W09 CPV	Sample W10 Lab Mean	Sample W10 Diff from Grand Mean	Sample W10 CPV	Instr Code
26XUW9		221.93	-1.68	-1.12	221.90	-1.84	-1.08	TA
63GG6G	X	216.83	-6.78	-4.52	217.04	-6.70	-3.95	TA
6NXR7E		224.47	0.85	0.57	224.50	0.76	0.45	XX
6YZC97		224.03	0.41	0.27	224.18	0.44	0.26	SH
94X339		221.90	-1.72	-1.14	221.90	-1.84	-1.08	TA
96XXT7		223.50	-0.12	-0.08	223.67	-0.07	-0.04	NZ
AD464Y	X	225.17	1.56	1.04	223.26	-0.47	-0.28	TA
DE67HT		224.60	0.98	0.65	224.90	1.16	0.69	NZ
EKPTP4		221.20	-2.42	-1.61	221.27	-2.47	-1.46	NZ
EYA9T4		224.94	1.32	0.88	225.08	1.34	0.79	TA
F7MGU6		223.47	-0.14	-0.10	223.07	-0.66	-0.39	TA
FMDM3Y		224.18	0.56	0.37	223.80	0.06	0.04	TA
FPFKB7		223.32	-0.30	-0.20	223.87	0.13	0.08	TA
FZDJZQ		222.62	-0.99	-0.66	222.61	-1.12	-0.66	TA
H3DDWY		226.37	2.75	1.83	226.50	2.76	1.63	MT
H3URZ3		223.47	-0.15	-0.10	223.52	-0.22	-0.13	TA
H4DALW		224.48	0.87	0.58	224.28	0.54	0.32	TA
JNDUWM		222.26	-1.36	-0.91	222.56	-1.18	-0.70	TA
KP6AMN	X	210.72	-12.90	-8.58	211.88	-11.86	-7.00	PE
KPLJGB		222.70	-0.92	-0.61	222.73	-1.00	-0.59	TA
KV7LHL	*	227.27	3.65	2.43	228.27	4.53	2.67	TA
L8EQ7T		222.17	-1.45	-0.97	222.17	-1.57	-0.93	TA
MC7BUA		224.17	0.55	0.37	223.79	0.05	0.03	TA
PZ6QYL	*	223.81	0.19	0.13	225.55	1.81	1.07	TA
RBXP84		225.95	2.33	1.55	226.08	2.34	1.38	TA
VA9UQC		225.80	2.18	1.45	225.73	2.00	1.18	TA
VEM8TK		221.47	-2.15	-1.43	221.43	-2.30	-1.36	TA
VNQH6G		224.58	0.96	0.64	224.30	0.56	0.33	XX
W3AK2Y		223.39	-0.22	-0.15	223.61	-0.13	-0.08	TA
WAPBJK		222.00	-1.62	-1.08	221.11	-2.63	-1.55	TA
XPYGAA		222.15	-1.46	-0.97	223.20	-0.53	-0.31	TA
YN2K3R		222.93	-0.69	-0.46	223.04	-0.70	-0.41	TA
Z4AWAB		224.34	0.73	0.48	225.44	1.70	1.01	PE
Z9LMTK		224.97	1.35	0.90	225.17	1.43	0.84	NZ
ZDDRNA		221.29	-2.32	-1.55	220.77	-2.96	-1.75	TA

WebCode	Data Flag	Sample W09 Lab Mean	Sample W09 Diff from Grand Mean	Sample W09 CPV	Sample W10 Lab Mean	Sample W10 Diff from Grand Mean	Sample W10 CPV	Instr Code
ZMMEHV		223.66	0.05	0.03	223.32	-0.42	-0.25	TA

Summary Statistics

	Sample W09	Sample W10
Grand Means	223.618 Degrees Celsius	223.736 Degrees Celsius
Stnd Dev Btwn Labs	1.503 Degrees Celsius	1.694 Degrees Celsius

Statistics based on 33 of 36 reporting participants

Sample W09: PBT & Sample W10: PBT

Comments on Assigned Data Flags for Test #761

63GG6G (X) - Data for both samples are low. Possible Systematic Error.

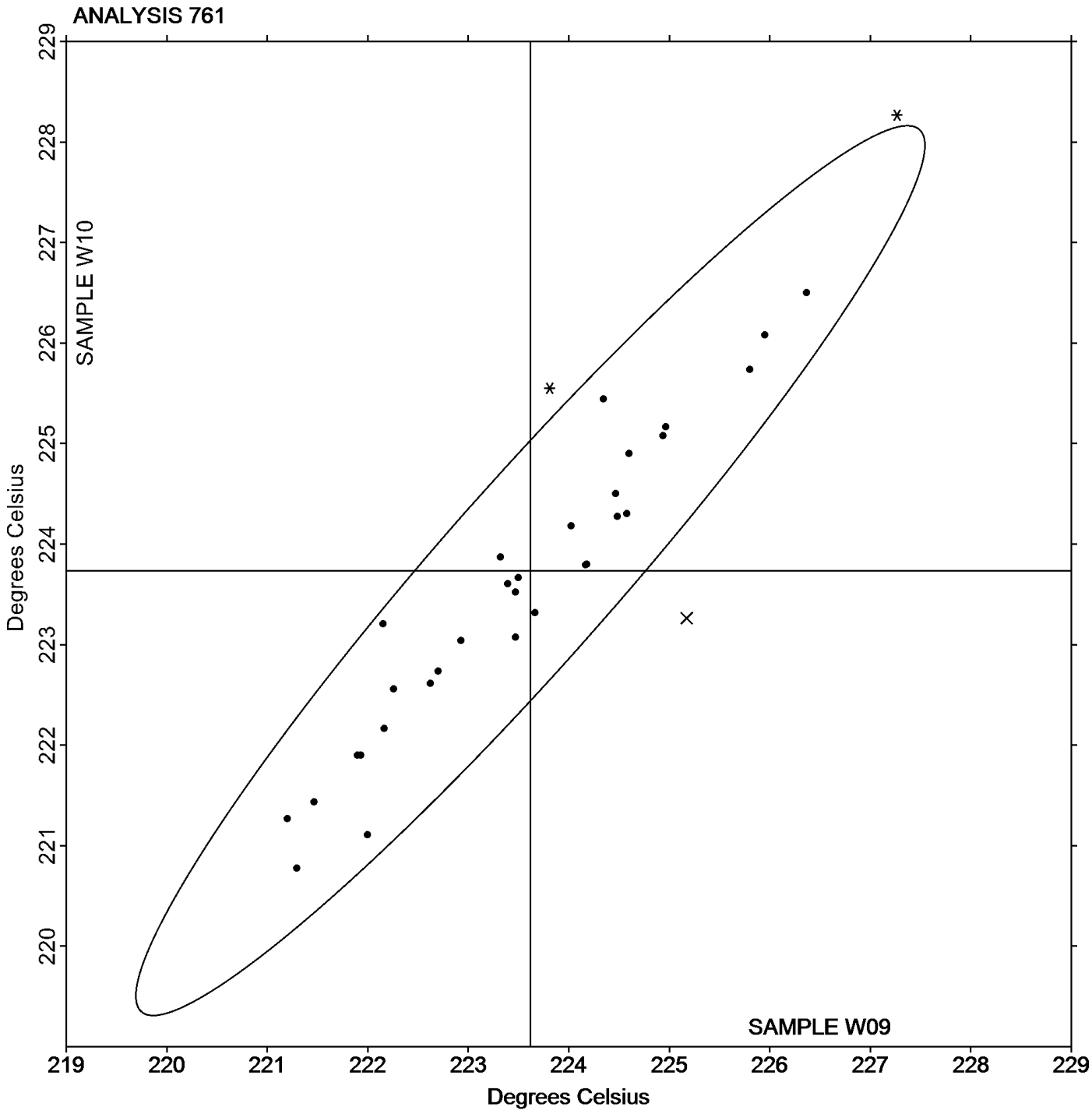
KP6AMN (X) - Data for both samples are low. Possible Systematic Error.

AD464Y (X) - Inconsistent in testing between samples.

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 W09: 223.62 Degrees Celsius Grand Mean Sample W10: 223.74 Degrees Celsius



WebCode	Data Flag	Sample W09 Lab Mean	Sample W09 Diff from Grand Mean	Sample W09 CPV	Sample W10 Lab Mean	Sample W10 Diff from Grand Mean	Sample W10 CPV	Instr Code
26XUW9		50.17	3.48	0.92	50.67	3.86	0.95	TA
94X339		49.20	2.51	0.66	50.00	3.19	0.79	TA
96XXT7		46.08	-0.61	-0.16	45.83	-0.97	-0.24	NZ
AD464Y		45.29	-1.40	-0.37	48.22	1.42	0.35	TA
DE67HT	*	36.95	-9.74	-2.57	39.74	-7.06	-1.74	NZ
EKPTP4		50.32	3.63	0.96	54.42	7.61	1.87	NZ
EYA9T4		47.02	0.33	0.09	45.42	-1.39	-0.34	TA
F7MGU6		48.18	1.50	0.39	47.50	0.70	0.17	TA
FPFKB7		45.27	-1.41	-0.37	44.33	-2.48	-0.61	TA
FZDJZQ		47.16	0.48	0.13	47.08	0.28	0.07	TA
H3DDWY		47.13	0.45	0.12	47.03	0.23	0.06	MT
H3URZ3		45.88	-0.80	-0.21	44.95	-1.86	-0.46	TA
H4DALW		47.39	0.70	0.19	47.83	1.03	0.25	XX
HXXZUQ		43.36	-3.33	-0.88	42.68	-4.12	-1.01	TA
JNDUWM		45.21	-1.47	-0.39	45.44	-1.36	-0.34	TA
KP6AMN	*	55.92	9.23	2.44	57.99	11.19	2.75	PE
KPLJGB		46.33	-0.35	-0.09	45.11	-1.70	-0.42	TA
KV7LHL		45.05	-1.64	-0.43	42.26	-4.54	-1.12	TA
L8EQ7T		49.80	3.11	0.82	49.40	2.60	0.64	TA
MC7BUA		47.64	0.95	0.25	48.52	1.71	0.42	TA
VA9UQC		40.60	-6.09	-1.61	41.47	-5.34	-1.31	TA
WAPBJK		48.45	1.76	0.46	48.95	2.15	0.53	TA
XPYGAA		51.14	4.45	1.17	48.02	1.22	0.30	TA
Z4AWAB		40.55	-6.14	-1.62	40.84	-5.96	-1.47	PE
Z9LMTK		47.11	0.42	0.11	46.37	-0.43	-0.11	NZ
ZDDRNA	X	63.57	16.88	4.46	57.55	10.75	2.65	TA

Summary Statistics

	Sample W09	Sample W10
Grand Means	46.688 Joules Per Gram	46.802 Joules Per Gram
Stnd Dev Btwn Labs	3.788 Joules Per Gram	4.065 Joules Per Gram

Statistics based on 25 of 26 reporting participants

Sample W09: PBT & Sample W10: PBT

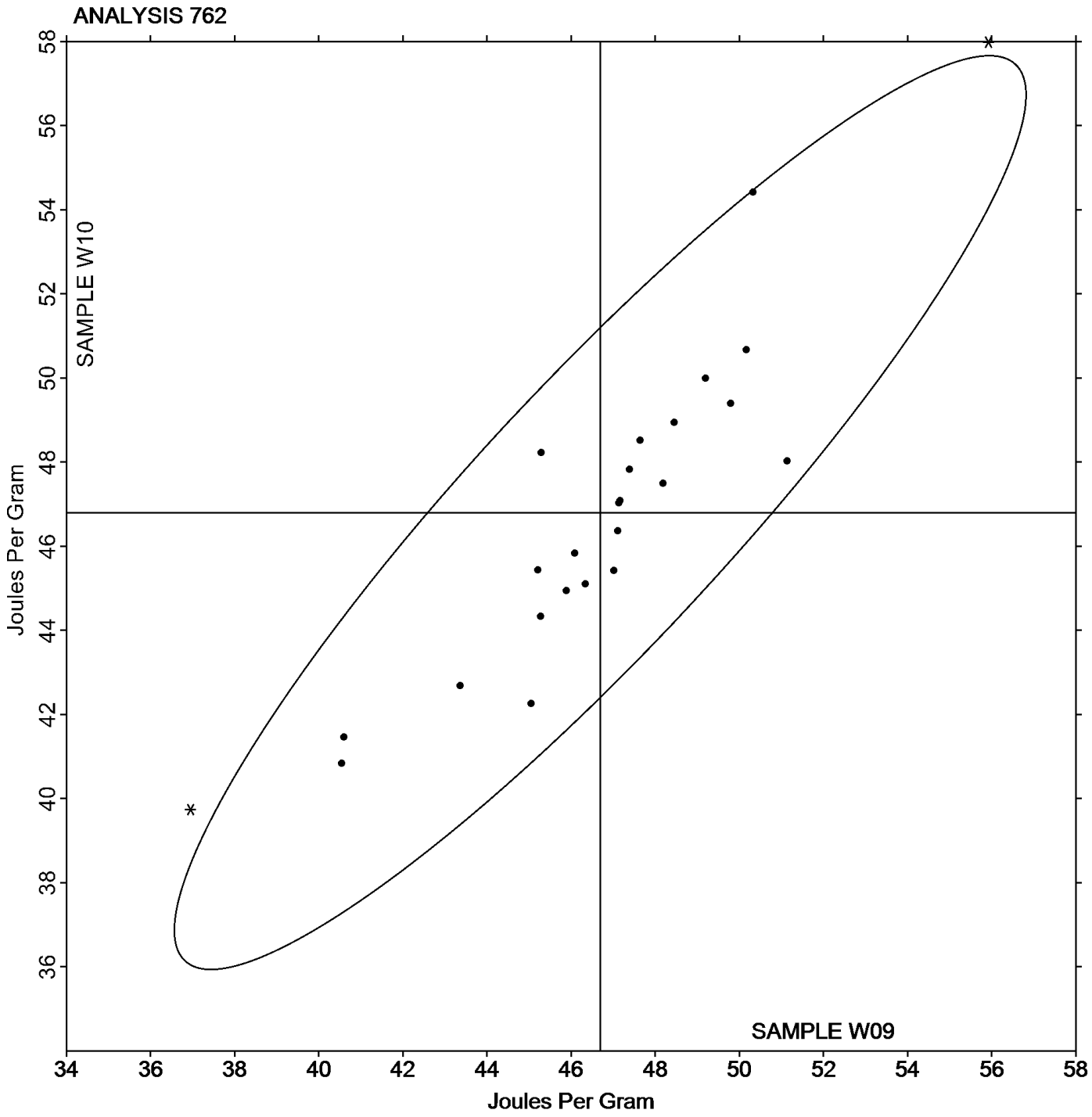
Comments on Assigned Data Flags for Test #762

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

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W09: 46.688 Joules Per Gram Grand Mean Sample W10: 46.802 Joules Per Gram



WebCode	Data Flag	Sample W09 Lab Mean	Sample W09 Diff from Grand Mean	Sample W09 CPV	Sample W10 Lab Mean	Sample W10 Diff from Grand Mean	Sample W10 CPV	Instr Code
26XUW9		39.10	-2.13	-0.43	39.50	-2.32	-0.49	TA
94X339		40.80	-0.44	-0.09	41.48	-0.33	-0.07	TA
96XXT7		42.03	0.79	0.16	41.66	-0.16	-0.03	NZ
AD464Y		40.92	-0.32	-0.06	42.32	0.51	0.11	TA
DE67HT		31.06	-10.18	-2.06	31.06	-10.76	-2.27	NZ
EKPTP4	*	36.27	-4.96	-1.00	41.89	0.07	0.01	NZ
EYA9T4		35.49	-5.74	-1.16	35.02	-6.79	-1.43	TA
F7MGU6		41.50	0.26	0.05	42.52	0.71	0.15	TA
FPFKB7		36.70	-4.54	-0.92	37.92	-3.90	-0.82	TA
FZDJZQ		41.81	0.58	0.12	40.88	-0.94	-0.20	TA
H3DDWY		45.13	3.90	0.79	46.27	4.45	0.94	MT
H3URZ3		47.03	5.79	1.17	46.17	4.36	0.92	TA
H4DALW		42.44	1.20	0.24	44.11	2.29	0.48	XX
HXXZUQ		37.69	-3.54	-0.72	37.81	-4.01	-0.85	TA
JNDUWM		35.99	-5.24	-1.06	36.38	-5.44	-1.15	TA
KP6AMN		41.75	0.52	0.10	46.11	4.30	0.91	PE
KPLJGB		39.79	-1.45	-0.29	39.62	-2.20	-0.46	TA
KV7LHL		40.17	-1.07	-0.22	39.01	-2.80	-0.59	XX
L8EQ7T		47.43	6.20	1.25	47.40	5.58	1.18	TA
MC7BUA		49.58	8.34	1.69	50.86	9.05	1.91	TA
VA9UQC		45.80	4.57	0.92	45.10	3.28	0.69	TA
WAPBJK		39.62	-1.62	-0.33	41.88	0.07	0.01	TA
XPYGAA	*	53.64	12.41	2.51	50.82	9.01	1.90	TA
Z4AWAB		36.79	-4.44	-0.90	36.50	-5.31	-1.12	PE
Z9LMTK		42.34	1.11	0.22	43.09	1.28	0.27	NZ
ZDDRNA	X	67.48	26.24	5.30	70.63	28.81	6.08	TA

Summary Statistics

	Sample W09	Sample W10
Grand Means	41.234 Joules Per Gram	41.816 Joules Per Gram
Stnd Dev Btwn Labs	4.949 Joules Per Gram	4.743 Joules Per Gram

Statistics based on 25 of 26 reporting participants

Sample W09: PBT & Sample W10: PBT

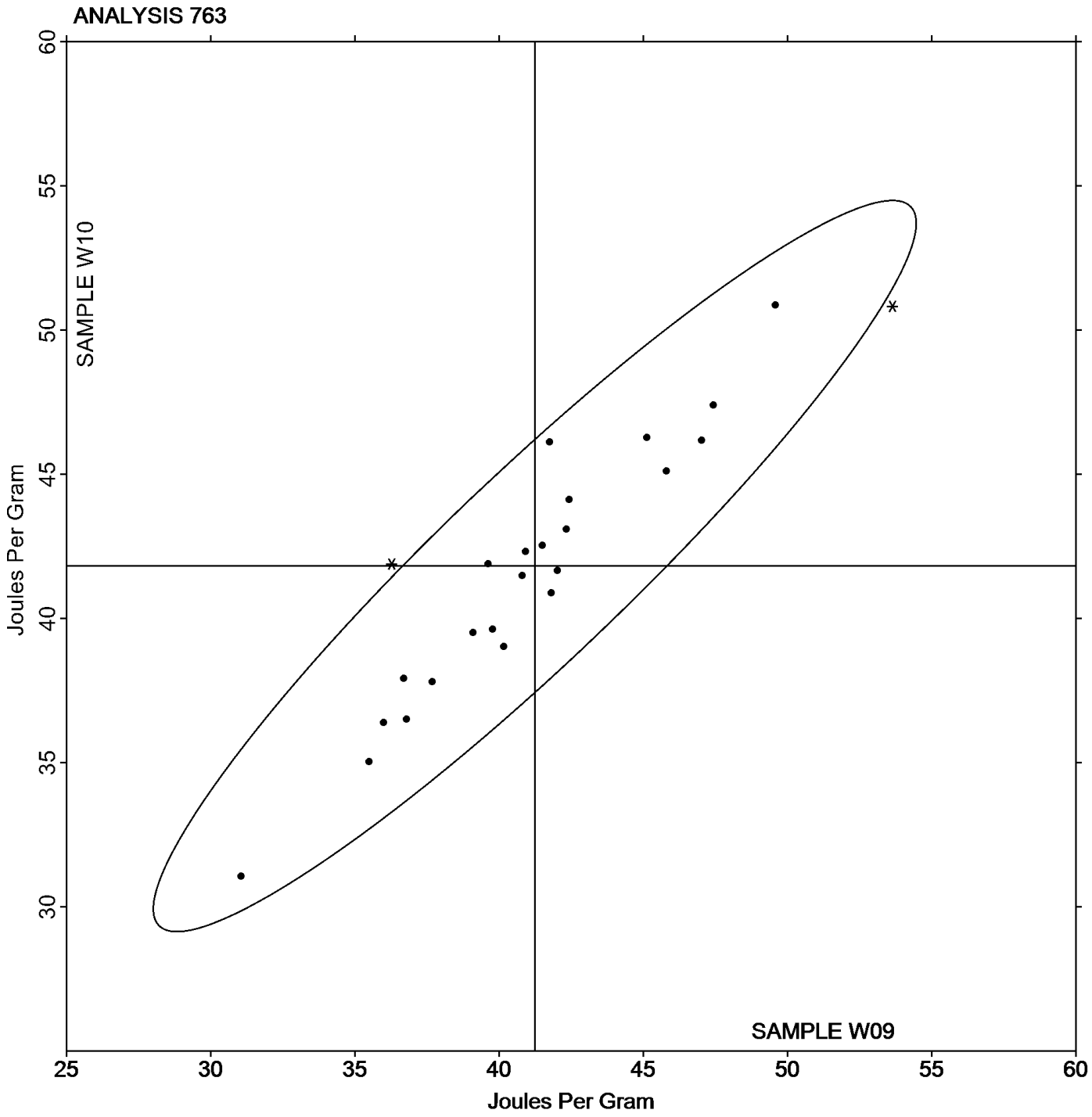
Comments on Assigned Data Flags for Test #763

ZDDRNA (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample W09.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W09: 41.234 Joules Per Gram Grand Mean Sample W10: 41.816 Joules Per Gram



WebCode	Data Flag	Sample V09 Lab Mean	Sample V09 Diff from Grand Mean	Sample V09 CPV	Sample V10 Lab Mean	Sample V10 Diff from Grand Mean	Sample V10 CPV	Instr Code
26XUW9		80.07	-1.68	-1.40	80.07	-1.61	-1.15	TA
63GG6G		81.22	-0.53	-0.44	80.78	-0.89	-0.64	TA
6YZC97	X	75.51	-6.24	-5.22	75.20	-6.48	-4.64	SH
94X339		81.83	0.09	0.08	81.90	0.23	0.16	TA
96XXT7		81.97	0.22	0.19	81.20	-0.47	-0.34	NZ
AD464Y		83.06	1.32	1.10	83.39	1.72	1.23	TA
C94VQ3	*	80.33	-1.41	-1.18	78.63	-3.04	-2.18	TA
DE67HT		83.30	1.56	1.30	83.77	2.09	1.50	NZ
EKPTP4		81.57	-0.18	-0.15	81.77	0.09	0.07	NZ
EYA9T4		83.19	1.45	1.21	83.41	1.73	1.24	TA
F7MGU6		82.68	0.93	0.78	81.75	0.08	0.05	TA
FPFKB7	X	64.15	-17.59	-14.73	80.89	-0.78	-0.56	TA
FZDJZQ		82.66	0.92	0.77	82.83	1.16	0.83	TA
H3DDWY		81.70	-0.04	-0.04	81.60	-0.07	-0.05	MT
H3URZ3		80.28	-1.46	-1.23	80.21	-1.47	-1.05	TA
HXXZUQ		80.67	-1.08	-0.90	81.07	-0.61	-0.43	TA
JNDUWM		82.40	0.65	0.55	81.96	0.29	0.20	TA
KP6AMN	X	69.85	-11.89	-9.96	70.03	-11.64	-8.33	PE
KPLJGB		79.97	-1.78	-1.49	79.87	-1.81	-1.29	TA
KV7LHL		82.83	1.09	0.91	83.37	1.69	1.21	XX
L8EQ7T		82.52	0.77	0.65	82.82	1.15	0.82	TA
MC7BUA	X	78.38	-3.36	-2.82	70.68	-10.99	-7.87	TA
NFK9WP		82.85	1.11	0.93	82.33	0.65	0.47	TA
VA9UQC		81.40	-0.34	-0.29	81.70	0.03	0.02	TA
WAPBJK		80.43	-1.31	-1.10	80.72	-0.96	-0.69	TA
XPYGAA	X	80.26	-1.48	-1.24	83.24	1.57	1.12	TA
YN2K3R		83.14	1.40	1.17	83.32	1.64	1.18	TA
Z4AWAB		81.54	-0.20	-0.17	81.56	-0.12	-0.08	PE
Z9LMTK		82.77	1.02	0.86	82.80	1.13	0.81	NZ
ZDDRNA		79.23	-2.52	-2.11	79.05	-2.62	-1.88	TA

Summary Statistics	Sample V09	Sample V10
Grand Means	81.744 Degrees Celsius	81.674 Degrees Celsius
Stnd Dev Btwn Labs	1.194 Degrees Celsius	1.397 Degrees Celsius

Statistics based on 25 of 30 reporting participants

Sample V09: PET & Sample V10: PET

Comments on Assigned Data Flags for Test #764

MC7BUA (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample V10.

6YZC97 (X) - Data for both samples are low. Possible Systematic Error.

FPFKB7 (X) - Data for sample V09 are low.

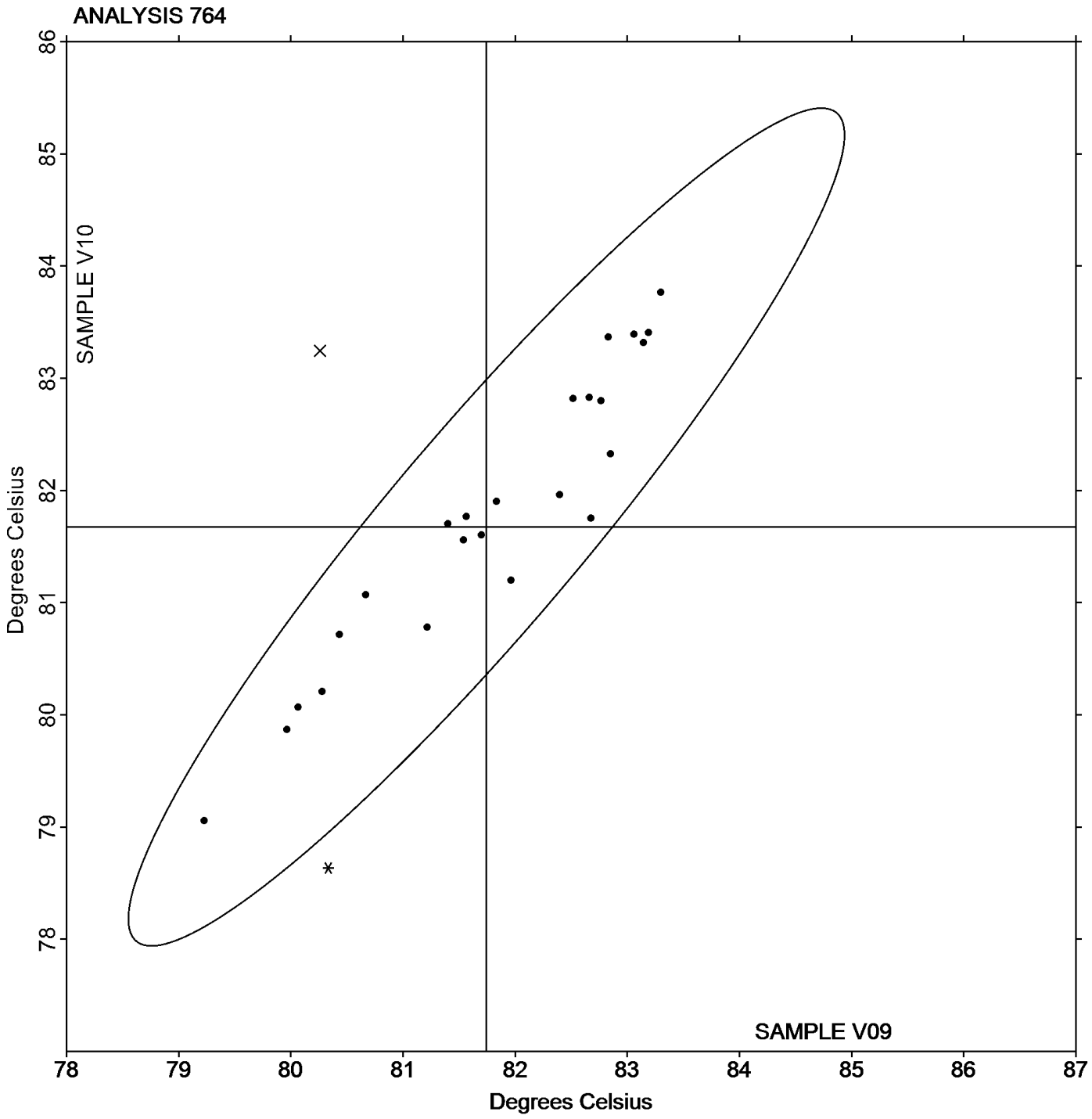
XPYGAA (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample V09.

KP6AMN (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 V09: 81.744 Degrees Celsius Grand Mean Sample V10: 81.674 Degrees Celsius



WebCode	Data Flag	Sample W09 Lab Mean	Sample W09 Diff from Grand Mean	Sample W09 CPV	Sample W10 Lab Mean	Sample W10 Diff from Grand Mean	Sample W10 CPV	Instr Code
26XUW9		170.60	-1.87	-0.49	170.67	-1.83	-0.53	TA
9R7D7M		173.23	0.76	0.20	173.20	0.70	0.20	TA
AD464Y		169.15	-3.32	-0.87	170.31	-2.19	-0.63	TA
FZDJZQ		169.44	-3.04	-0.79	169.39	-3.11	-0.90	TA
H3URZ3		171.49	-0.98	-0.26	173.53	1.03	0.30	TA
HXXZUQ		168.80	-3.67	-0.96	168.63	-3.87	-1.11	TA
KPLJGB		171.07	-1.41	-0.37	170.10	-2.40	-0.69	XX
L8EQ7T		172.48	0.00	0.00	172.66	0.16	0.05	TA
VA9UQC		178.93	6.46	1.68	179.27	6.77	1.95	TA
XPYGAA		179.55	7.08	1.84	177.25	4.75	1.37	TA

Summary Statistics

	Sample W09	Sample W10
Grand Means	172.474 Degrees Celsius	172.501 Degrees Celsius
Stnd Dev Btwn Labs	3.839 Degrees Celsius	3.472 Degrees Celsius

Statistics based on 10 of 10 reporting participants

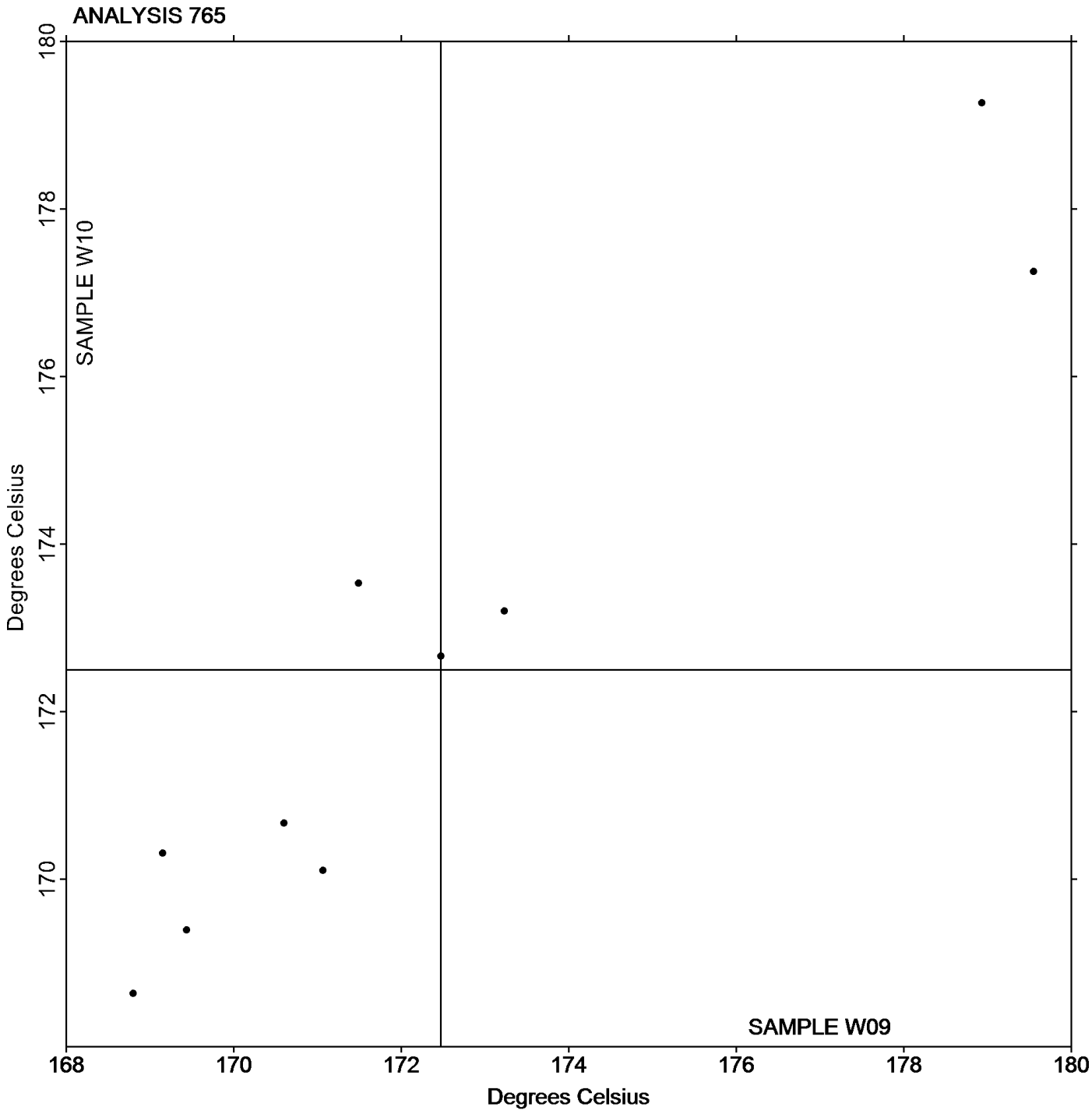
Sample W09: PBT & Sample W10: PBT

Key to Instrument Codes Reported by Participants

TA TA Instruments

XX Instrument manufacturer not specified by lab

Grand Mean Sample W09: 172.47 Degrees Celsius Grand Mean Sample W10: 172.50 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 W09 Lab Mean	Sample W09 Diff from Grand Mean	Sample W09 CPV	Sample W10 Lab Mean	Sample W10 Diff from Grand Mean	Sample W10 CPV	Instr Code
26XUW9		221.93	-1.09	-0.75	221.90	-1.08	-0.84	TA
7ZRRX9		223.40	0.38	0.26	224.23	1.25	0.97	XX
9R7D7M		220.97	-2.06	-1.41	220.93	-2.05	-1.58	TA
AD464Y		225.17	2.15	1.48	223.26	0.28	0.22	TA
FZDJZQ		222.42	-0.60	-0.41	222.42	-0.56	-0.44	TA
H3URZ3		223.47	0.45	0.31	223.52	0.54	0.41	TA
KPLJGB		222.10	-0.92	-0.64	222.13	-0.85	-0.66	TA
L8EQ7T		222.18	-0.84	-0.58	222.16	-0.82	-0.64	TA
VA9UQC		225.80	2.78	1.91	225.73	2.75	2.13	TA
XPYGAA		222.15	-0.87	-0.60	223.20	0.22	0.17	TA
ZMMEHV		223.66	0.64	0.44	223.32	0.33	0.26	TA

Summary Statistics

	Sample W09	Sample W10
Grand Means	223.024 Degrees Celsius	222.983 Degrees Celsius
Stnd Dev Btwn Labs	1.455 Degrees Celsius	1.294 Degrees Celsius

Statistics based on 11 of 11 reporting participants

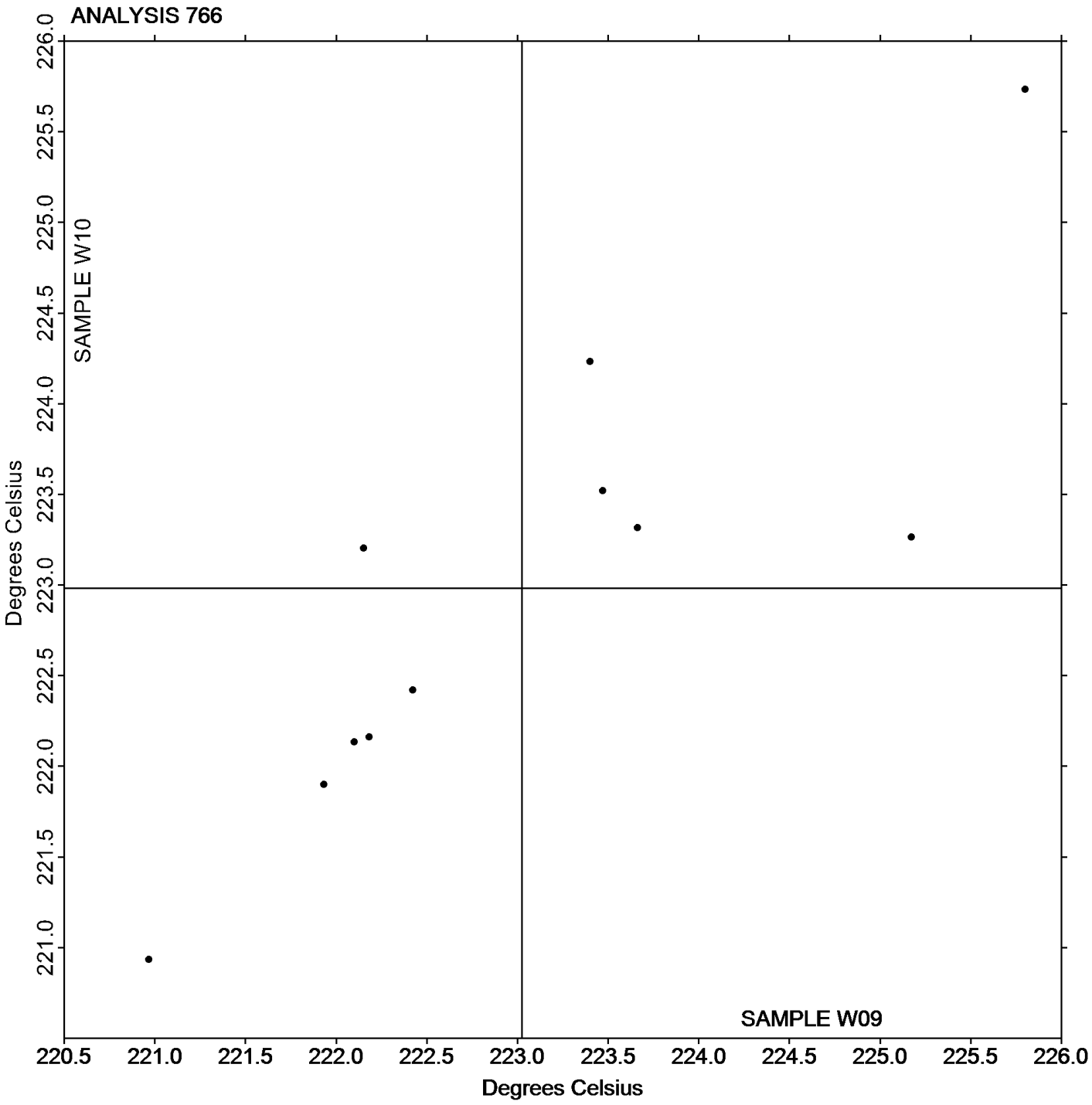
Sample W09: PBT & Sample W10: PBT

Key to Instrument Codes Reported by Participants

TA TA Instruments

XX Instrument manufacturer not specified by lab

Grand Mean Sample W09: 223.02 Degrees Celsius Grand Mean Sample W10: 222.98 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 W09 Lab Mean	Sample W09 Diff from Grand Mean	Sample W09 CPV	Sample W10 Lab Mean	Sample W10 Diff from Grand Mean	Sample W10 CPV	Instr Code
26XUW9		50.17	2.42	0.80	50.67	3.32	1.10	TA
9R7D7M		52.70	4.95	1.64	52.47	5.12	1.70	TA
AD464Y		45.29	-2.46	-0.81	48.22	0.88	0.29	TA
FZDJZQ		47.37	-0.37	-0.12	46.80	-0.55	-0.18	TA
H3URZ3		45.88	-1.86	-0.62	44.95	-2.40	-0.80	TA
HXXZUQ		43.36	-4.39	-1.45	42.68	-4.67	-1.55	TA
KPLJGB		45.91	-1.83	-0.61	44.39	-2.96	-0.98	TA
L8EQ7T		49.79	2.05	0.68	49.41	2.06	0.68	TA
VA9UQC		45.83	-1.91	-0.63	45.87	-1.48	-0.49	TA
XPYGAA		51.14	3.39	1.12	48.02	0.68	0.23	TA

Summary Statistics

	Sample W09	Sample W10
Grand Means	47.744 Joules Per Gram	47.347 Joules Per Gram
Stnd Dev Btwn Labs	3.018 Joules Per Gram	3.010 Joules Per Gram

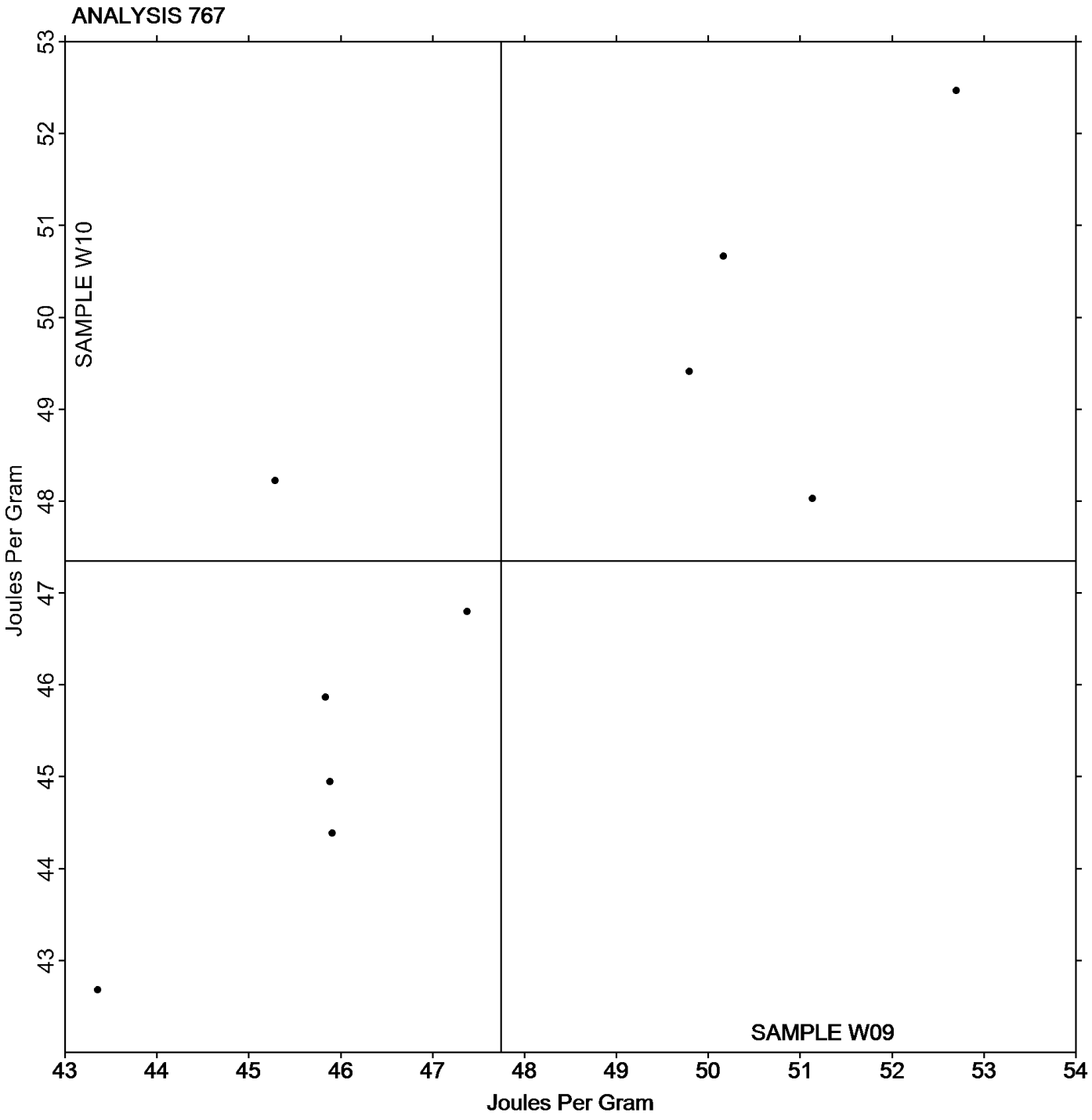
Statistics based on 10 of 10 reporting participants

Sample W09: PBT & Sample W10: PBT

Key to Instrument Codes Reported by Participants

TA TA Instruments

Grand Mean Sample W09: 47.744 Joules Per Gram Grand Mean Sample W10: 47.347 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 W09 Lab Mean	Sample W09 Diff from Grand Mean	Sample W09 CPV	Sample W10 Lab Mean	Sample W10 Diff from Grand Mean	Sample W10 CPV	Instr Code
26XUW9		39.10	-5.77	-1.02	39.50	-4.75	-0.93	XX
9R7D7M		53.53	8.66	1.54	53.16	8.91	1.74	TA
AD464Y		40.92	-3.95	-0.70	42.32	-1.93	-0.38	TA
FZDJZQ		42.17	-2.69	-0.48	41.11	-3.14	-0.61	TA
H3URZ3		47.03	2.16	0.38	46.17	1.92	0.38	TA
HXXZUQ		37.69	-7.18	-1.27	37.81	-6.45	-1.26	TA
KPLJGB		41.12	-3.75	-0.66	39.63	-4.62	-0.90	TA
L8EQ7T		47.43	2.56	0.45	47.37	3.12	0.61	TA
VA9UQC		46.03	1.17	0.21	44.63	0.38	0.07	TA
XPYGAA		53.64	8.77	1.56	50.82	6.57	1.28	TA

Summary Statistics

	Sample W09	Sample W10
Grand Means	44.866 Joules Per Gram	44.253 Joules Per Gram
Stnd Dev Btwn Labs	5.640 Joules Per Gram	5.112 Joules Per Gram

Statistics based on 10 of 10 reporting participants

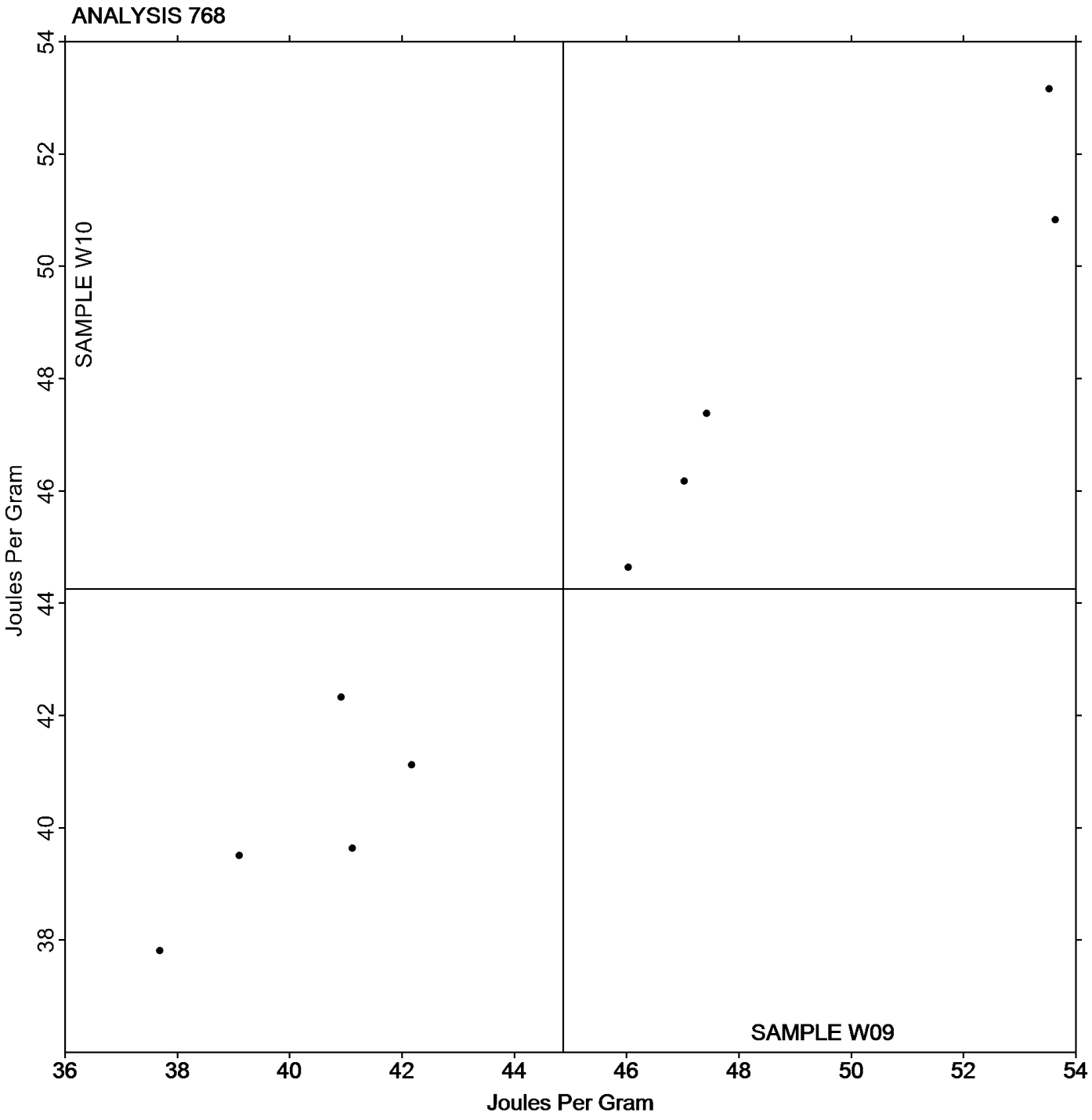
Sample W09: PBT & Sample W10: PBT

Key to Instrument Codes Reported by Participants

TA TA Instruments

XX Instrument manufacturer not specified by lab

Grand Mean Sample W09: 44.866 Joules Per Gram Grand Mean Sample W10: 44.253 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 V09 Lab Mean	Sample V09 Diff from Grand Mean	Sample V09 CPV	Sample V10 Lab Mean	Sample V10 Diff from Grand Mean	Sample V10 CPV	Instr Code
26XUW9		80.07	-1.32	-1.00	80.07	-1.70	-1.29	TA
9R7D7M	X	77.80	-3.59	-2.73	61.90	-19.86	-15.10	TA
AD464Y		83.06	1.67	1.27	83.39	1.63	1.24	TA
FZDJZQ		82.89	1.50	1.14	82.62	0.86	0.65	TA
H3URZ3		80.28	-1.11	-0.84	80.21	-1.56	-1.18	TA
HXXZUQ		80.67	-0.72	-0.55	81.07	-0.70	-0.53	XX
KPLJGB		79.87	-1.52	-1.16	80.10	-1.66	-1.27	TA
L8EQ7T		82.52	1.13	0.86	82.82	1.06	0.80	TA
NFK9WP		82.85	1.46	1.11	82.33	0.56	0.43	TA
VA9UQC		81.40	0.01	0.01	81.80	0.04	0.03	TA
XPYGAA		80.26	-1.13	-0.86	83.24	1.48	1.12	TA

Summary Statistics

	Sample V09	Sample V10
Grand Means	81.385 Degrees Celsius	81.765 Degrees Celsius
Stnd Dev Btwn Labs	1.314 Degrees Celsius	1.316 Degrees Celsius

Statistics based on 10 of 11 reporting participants

Sample V09: PET & Sample V10: PET

Comments on Assigned Data Flags for Test #769

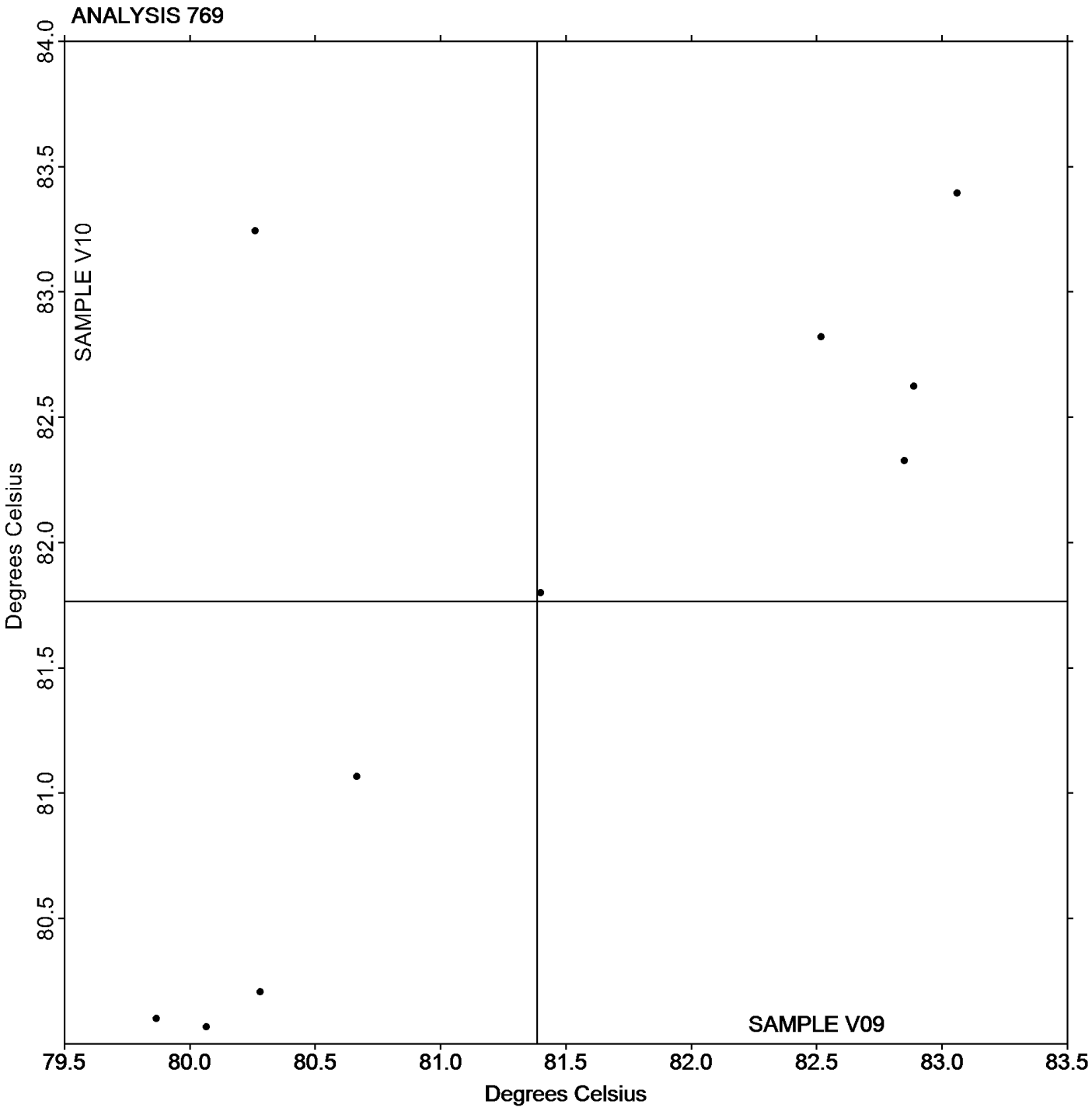
9R7D7M (X) - Data for both samples are low.

Key to Instrument Codes Reported by Participants

TA TA Instruments

XX Instrument manufacturer not specified by lab

Grand Mean Sample V09: 81.385 Degrees Celsius Grand Mean Sample V10: 81.765 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 B09 Lab Mean	Sample B09 Diff from Grand Mean	Sample B09 CPV	Sample B10 Lab Mean	Sample B10 Diff from Grand Mean	Sample B10 CPV	Instr Code
2UYUNA		1,743	43	0.29	1,715	-4	-0.02	IN
6YZC97		1,897	196	1.35	1,797	79	0.55	WZ
8NTBNX	*	1,285	-415	-2.85	1,323	-395	-2.77	IN
9DLWE6		1,776	76	0.52	1,767	48	0.34	IN
9FCZ9C		1,691	-10	-0.07	1,701	-17	-0.12	IN
9R7D7M		1,796	95	0.66	1,835	117	0.82	IN
D6FKCV		1,689	-11	-0.08	1,725	7	0.05	IN
K74PKU		1,762	62	0.42	1,734	16	0.11	IN
LXQTKU		1,539	-162	-1.11	1,526	-192	-1.35	XX
PKA8NQ		1,567	-134	-0.92	1,560	-159	-1.11	XX
RVMBKE		1,804	104	0.71	1,817	99	0.69	MT
UF6Y9W		1,694	-7	-0.05	1,680	-38	-0.27	IM
VD7DQP		1,719	19	0.13	1,804	85	0.60	IN
VTN27F		1,784	83	0.57	1,817	99	0.69	IN
WBKPBJ		1,531	-170	-1.17	1,646	-73	-0.51	XX
WY8QYN		1,762	62	0.42	1,862	143	1.00	IN
Y2L4WG		1,898	197	1.35	1,976	258	1.81	MT
YJ7UWF		1,599	-102	-0.70	1,650	-68	-0.48	XX
Z8Q4QJ		1,775	75	0.51	1,715	-3	-0.02	IN

Summary Statistics

	Sample B09	Sample B10
Grand Means	1,700.6 psi	1,718.4 psi
Stnd Dev Btwn Labs	145.6 psi	142.7 psi

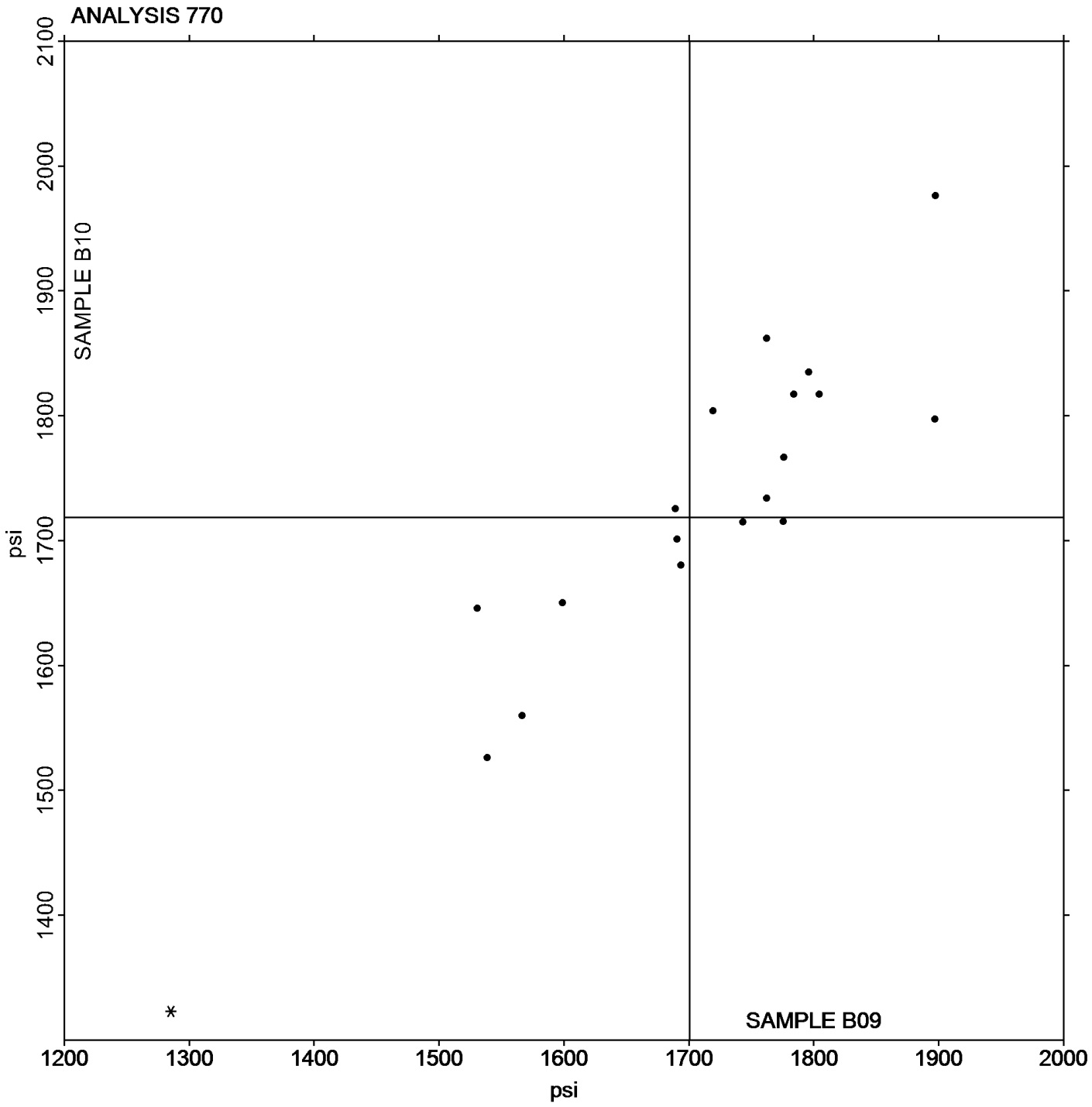
Statistics based on 19 of 19 reporting participants

Sample B09: LDPE & Sample B10: LDPE

Key to Instrument Codes Reported by Participants

IM Instru-Met Instruments
IN Instron
MT MTS/Sintech
WZ Zwick
XX Instrument manufacturer not specified by lab

Grand Mean Sample B09: 1,700.62 psi Grand Mean Sample B10: 1,718.43 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 B09 Lab Mean	Sample B09 Diff from Grand Mean	Sample B09 CPV	Sample B10 Lab Mean	Sample B10 Diff from Grand Mean	Sample B10 CPV	Instr Code
2UYUNA		2,982	-204	-0.58	2,990	-329	-0.95	IN
6YZC97		3,587	402	1.13	3,601	282	0.81	WZ
8NTBNX		2,775	-410	-1.16	2,891	-428	-1.24	IN
9DLWE6		3,631	445	1.26	3,666	346	1.00	IN
9FCZ9C		2,884	-301	-0.85	3,108	-211	-0.61	IN
9R7D7M		3,698	512	1.45	3,904	585	1.69	IN
CMJX8R		3,329	144	0.41	3,338	19	0.05	IN
D6FKCV		3,106	-79	-0.22	3,145	-174	-0.50	IN
K74PKU		3,142	-43	-0.12	3,273	-47	-0.13	IN
KPLJGB		2,467	-719	-2.03	2,979	-340	-0.98	UC
LXQTKU		2,449	-737	-2.08	3,031	-288	-0.83	XX
PKA8NQ		3,089	-96	-0.27	2,956	-364	-1.05	XX
RVMBKE		3,372	187	0.53	3,562	243	0.70	MT
UF6Y9W		3,447	262	0.74	3,460	141	0.41	IM
VD7DQP		2,850	-336	-0.95	2,537	-782	-2.26	IN
VTN27F		3,426	241	0.68	3,380	61	0.18	IN
WBKPBJ		3,275	89	0.25	3,424	105	0.30	XX
WY8QYN		3,468	283	0.80	3,648	329	0.95	IN
Y2L4WG		3,171	-14	-0.04	3,849	530	1.53	TO
YJ7UWF		3,212	26	0.07	3,558	239	0.69	XX
Z8Q4QJ		3,535	350	0.99	3,403	83	0.24	IN

Summary Statistics

	Sample B09	Sample B10
Grand Means	3,185.5 psi	3,319.2 psi
Stnd Dev Btwn Labs	353.9 psi	346.5 psi

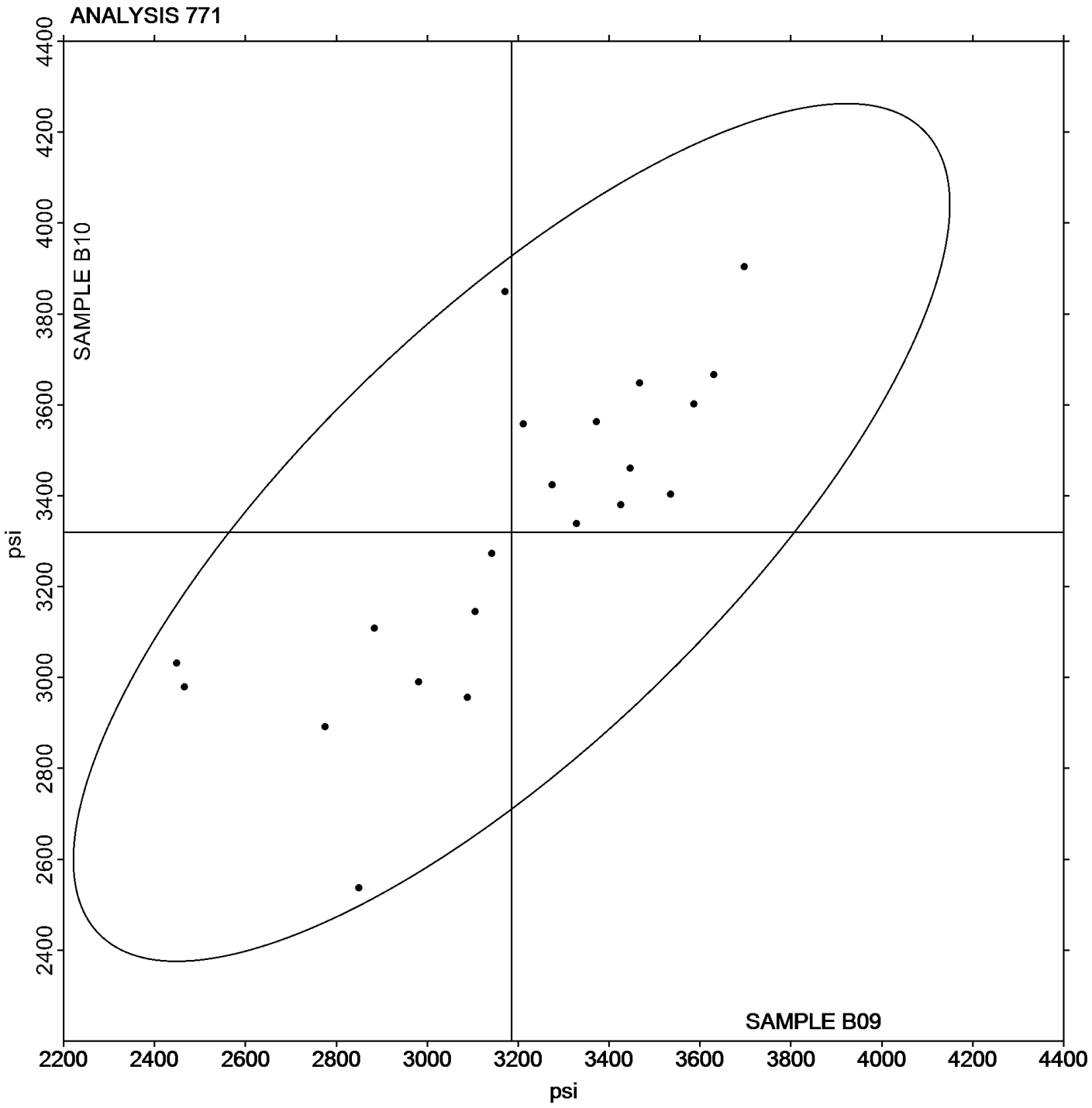
Statistics based on 21 of 21 reporting participants

Sample B09: LDPE & Sample B10: LDPE

Key to Instrument Codes Reported by Participants

IM	Instru-Met Instruments	IN	Instron
MT	MTS/Sintech	TO	Tinius Olsen
UC	United	WZ	Zwick
XX	Instrument manufacturer not specified by lab		

Grand Mean Sample B09: 3,185.48 psi Grand Mean Sample B10: 3,319.18 psi



WebCode	Data Flag	Sample B09 Lab Mean	Sample B09 Diff from Grand Mean	Sample B09 CPV	Sample B10 Lab Mean	Sample B10 Diff from Grand Mean	Sample B10 CPV	Instr Code
2UYUNA		65.97	-6.34	-0.29	66.97	-7.76	-0.34	IN
8NTBNX		65.90	-6.42	-0.29	70.30	-4.43	-0.19	IN
9DLWE6		62.33	-9.98	-0.45	61.67	-13.06	-0.57	IN
9FCZ9C		117.19	44.88	2.02	120.03	45.30	1.97	IN
9R7D7M		51.60	-20.71	-0.93	50.91	-23.82	-1.04	IN
D6FKCV		109.46	37.15	1.67	112.88	38.15	1.66	IN
K74PKU		77.11	4.80	0.22	76.15	1.42	0.06	IN
RVMBKE		75.58	3.27	0.15	72.83	-1.90	-0.08	MT
UF6Y9W		32.26	-40.05	-1.80	42.19	-32.54	-1.41	IM
VD7DQP		91.67	19.36	0.87	104.72	29.99	1.30	IN
VTN27F		70.30	-2.01	-0.09	70.40	-4.33	-0.19	IN
WY8QYN		52.30	-20.01	-0.90	50.88	-23.86	-1.04	IN
Y2L4WG		68.60	-3.71	-0.17	73.21	-1.52	-0.07	MT
Z8Q4QJ		72.12	-0.19	-0.01	73.10	-1.63	-0.07	IN

Summary Statistics

	Sample B09	Sample B10
Grand Means	72.313 Percent	74.730 Percent
Stnd Dev Btwn Labs	22.249 Percent	23.009 Percent

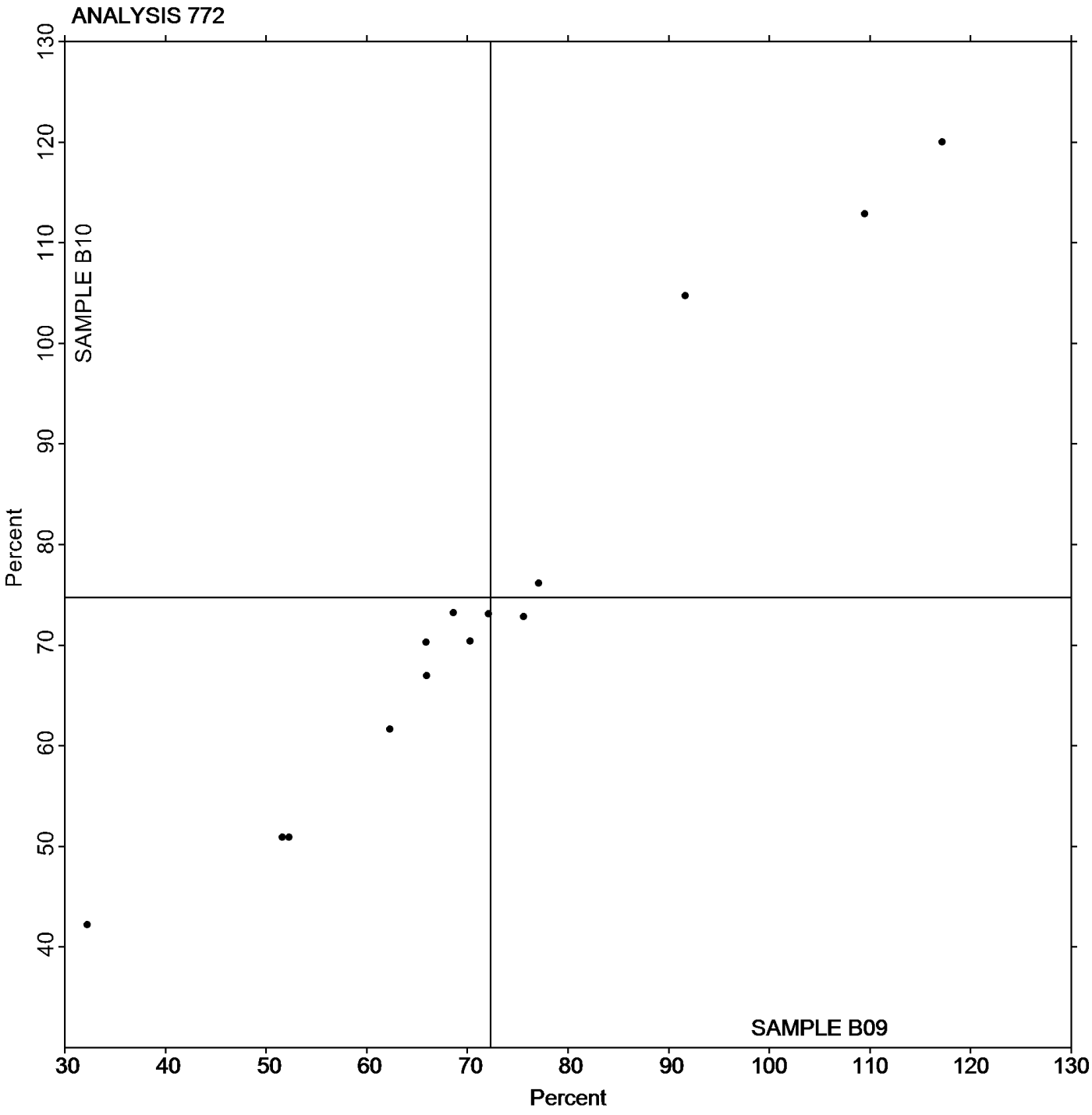
Statistics based on 14 of 14 reporting participants

Sample B09: LDPE & Sample B10: LDPE

Key to Instrument Codes Reported by Participants

IM Instru-Met Instruments
IN Instron
MT MTS/Sintech

Grand Mean Sample B09: 72.313 Percent Grand Mean Sample B10: 74.730 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 B09 Lab Mean	Sample B09 Diff from Grand Mean	Sample B09 CPV	Sample B10 Lab Mean	Sample B10 Diff from Grand Mean	Sample B10 CPV	Instr Code
2UYUNA		603.0	-141.4	-1.27	617.0	-141.6	-1.48	IN
6YZC97		593.0	-151.4	-1.36	632.0	-126.6	-1.32	WZ
8NTBNX		766.3	21.9	0.20	783.9	25.4	0.26	IN
9DLWE6		828.2	83.8	0.75	830.5	71.9	0.75	IN
9FCZ9C		843.2	98.8	0.89	922.1	163.5	1.71	IN
9R7D7M		627.0	-117.4	-1.05	655.8	-102.8	-1.07	IN
CMJX8R		754.6	10.2	0.09	783.1	24.5	0.26	IN
D6FKCV		798.3	53.9	0.48	798.2	39.6	0.41	IN
K74PKU		772.8	28.5	0.26	815.2	56.7	0.59	IN
RVMBKE		710.4	-34.0	-0.31	770.1	11.5	0.12	MT
UF6Y9W		759.0	14.6	0.13	777.0	18.4	0.19	IM
VD7DQP	*	1,009.6	265.2	2.38	853.0	94.4	0.98	IN
VTN27F		786.0	41.6	0.37	754.0	-4.6	-0.05	IN
WY8QYN		585.2	-159.2	-1.43	555.5	-203.0	-2.12	IN
Y2L4WG		669.2	-75.2	-0.68	800.3	41.7	0.44	TO
Z8Q4QJ		804.0	59.7	0.54	789.5	30.9	0.32	IN

Summary Statistics

	Sample B09	Sample B10
Grand Means	744.37 Percent	758.58 Percent
Stnd Dev Btwn Labs	111.29 Percent	95.88 Percent

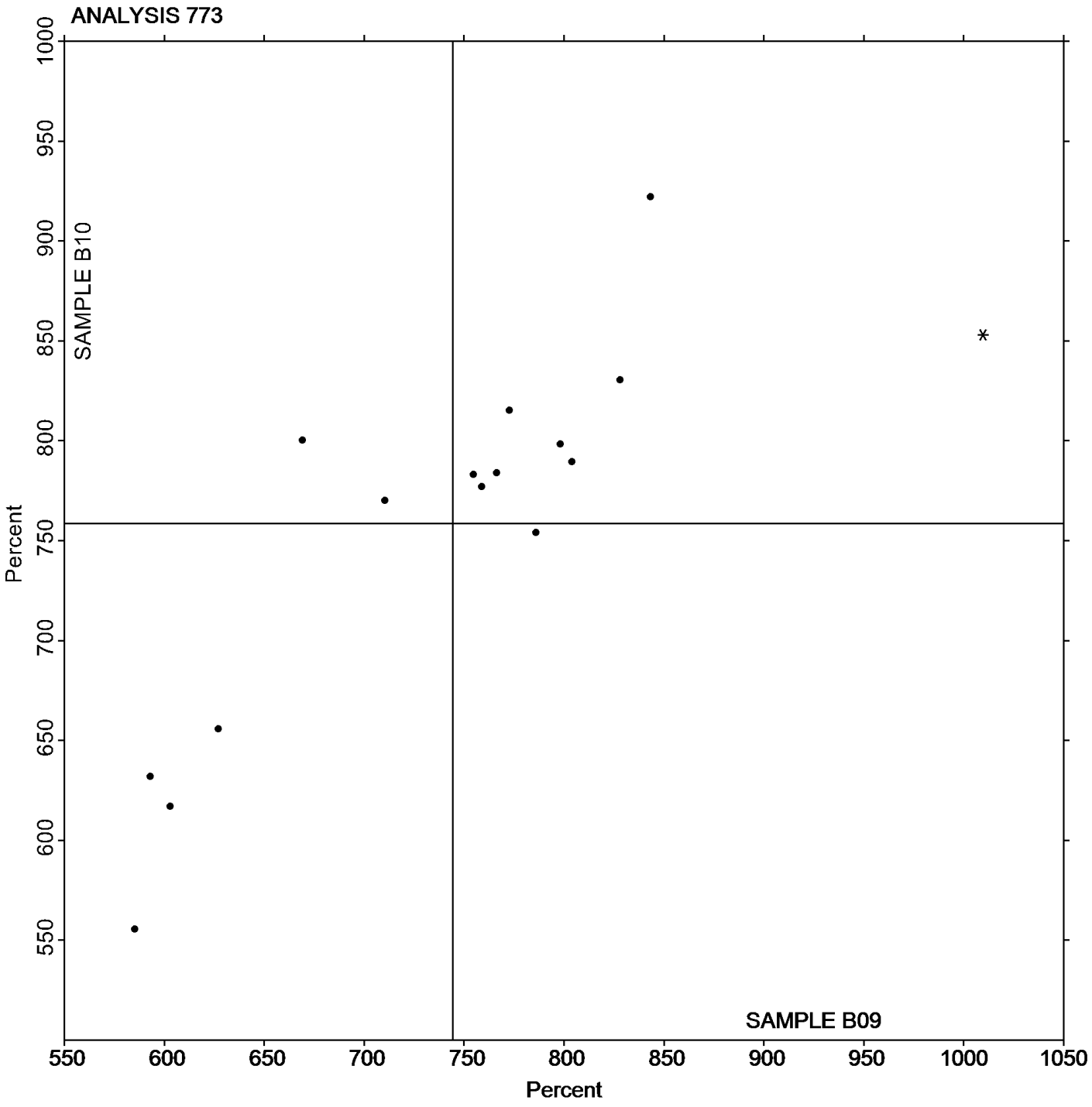
Statistics based on 16 of 16 reporting participants

Sample B09: LDPE & Sample B10: LDPE

Key to Instrument Codes Reported by Participants

IM Instru-Met Instruments
IN Instron
MT MTS/Sintech
TO Tinius Olsen
WZ Zwick

Grand Mean Sample B09: 744.37 Percent Grand Mean Sample B10: 758.58 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 B09 Lab Mean	Sample B09 Diff from Grand Mean	Sample B09 CPV	Sample B10 Lab Mean	Sample B10 Diff from Grand Mean	Sample B10 CPV
2UYUNA		2.9200	0.1106	0.83	3.0950	0.2930	1.41
6KGKN7		2.8200	0.0106	0.08	2.6510	-0.1510	-0.73
6YZC97		2.8110	0.0017	0.01	2.9685	0.1665	0.80
7LAXN4		2.6450	-0.1644	-1.23	2.7080	-0.0940	-0.45
8NTBNX		2.5600	-0.2494	-1.86	2.7000	-0.1020	-0.49
9DLWE6		2.9200	0.1106	0.83	3.0100	0.2080	1.00
9FCZ9C		3.0300	0.2206	1.65	3.3000	0.4980	2.40
9R7D7M		2.6060	-0.2034	-1.52	2.5340	-0.2680	-1.29
CMJX8R		2.8260	0.0166	0.12	2.9030	0.1010	0.49
D6FKCV		2.9470	0.1376	1.03	2.9540	0.1520	0.73
K74PKU		2.8347	0.0253	0.19	2.7756	-0.0263	-0.13
KPLJGB		2.9100	0.1006	0.75	2.6600	-0.1420	-0.68
RVMBKE		2.6310	-0.1784	-1.33	2.5410	-0.2610	-1.26
UF6Y9W		2.9500	0.1406	1.05	2.8800	0.0780	0.38
VD7DQP		2.9560	0.1466	1.09	2.9270	0.1250	0.60
VTN27F		2.7350	-0.0744	-0.56	2.6350	-0.1670	-0.80
WY8QYN		2.7380	-0.0714	-0.53	2.5270	-0.2750	-1.32
Y2L4WG		2.7350	-0.0744	-0.56	2.7600	-0.0420	-0.20
Z8Q4QJ		2.8031	-0.0062	-0.05	2.7087	-0.0933	-0.45

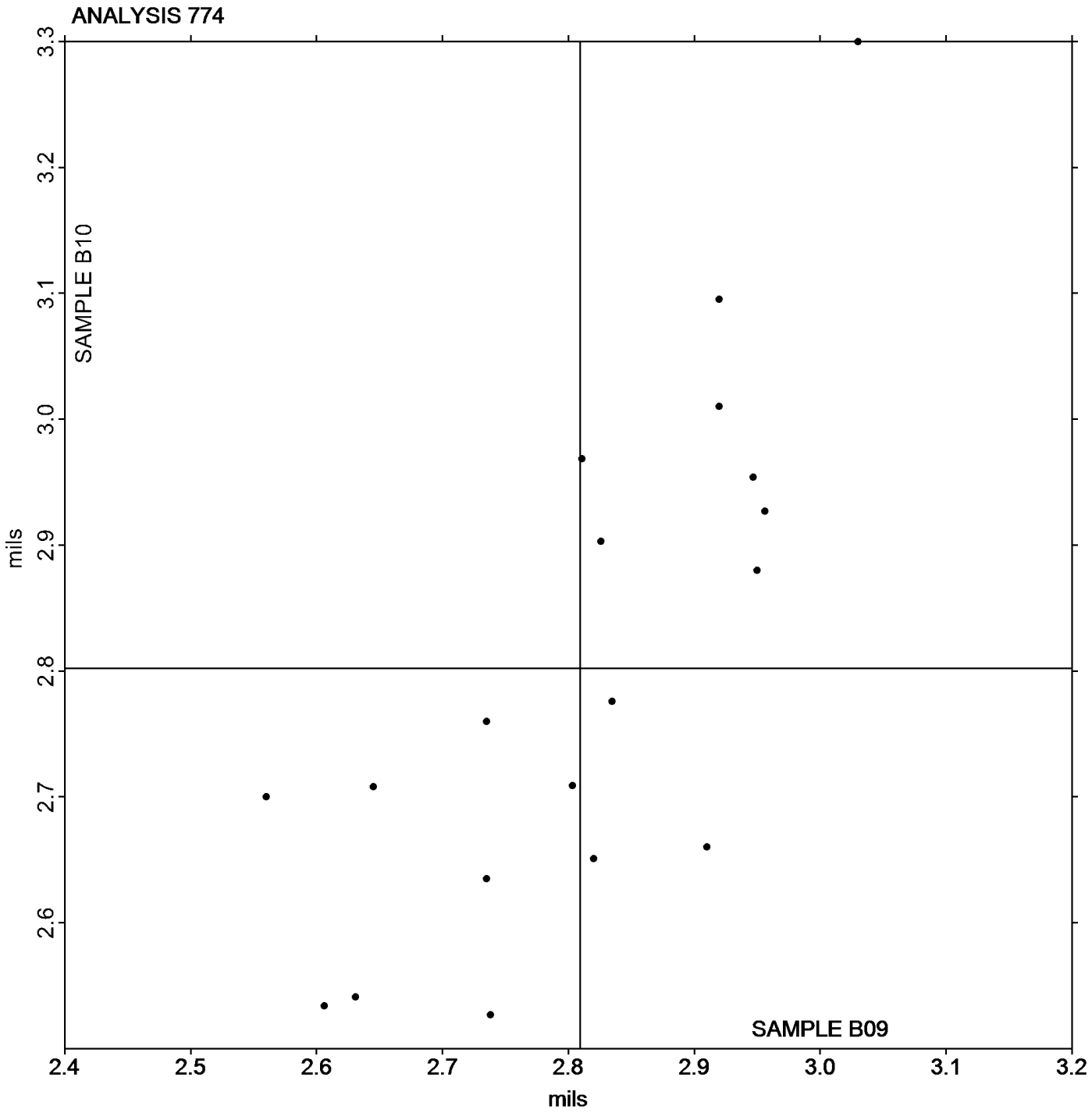
Summary Statistics

	Sample B09	Sample B10
Grand Means	2.80936 mils	2.80199 mils
Stnd Dev Btwn Labs	0.13398 mils	0.20772 mils

Statistics based on 19 of 19 reporting participants

Sample B09: LDPE & Sample B10: LDPE

Grand Mean Sample B09: 2.8094 mils Grand Mean Sample B10: 2.8020 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 B09 Lab Mean	Sample B09 Diff from Grand Mean	Sample B09 CPV	Sample B10 Lab Mean	Sample B10 Diff from Grand Mean	Sample B10 CPV	Instr Code
2UYUNA		39,385	6,606	1.71	31,033	-900	-0.31	IN
9DLWE6		32,048	-731	-0.19	32,716	783	0.27	IN
9FCZ9C		28,677	-4,102	-1.06	29,189	-2,744	-0.95	IN
9R7D7M		32,241	-537	-0.14	33,037	1,104	0.38	IN
D6FKCV		31,500	-1,278	-0.33	32,484	552	0.19	IN
UF6Y9W		30,208	-2,570	-0.66	30,729	-1,204	-0.42	IM
VTN27F		38,079	5,300	1.37	37,797	5,864	2.03	IN
WY8QYN		30,091	-2,688	-0.69	28,478	-3,454	-1.20	IN
Z8Q4QJ	X	52,832	20,053	5.18	51,893	19,960	6.92	IN

Summary Statistics

	Sample B09	Sample B10
Grand Means	32,778.5 psi	31,932.9 psi
Stnd Dev Btwn Labs	3,870.1 psi	2,884.5 psi

Statistics based on 8 of 9 reporting participants

Sample B09: LDPE & Sample B10: LDPE

Comments on Assigned Data Flags for Test #775

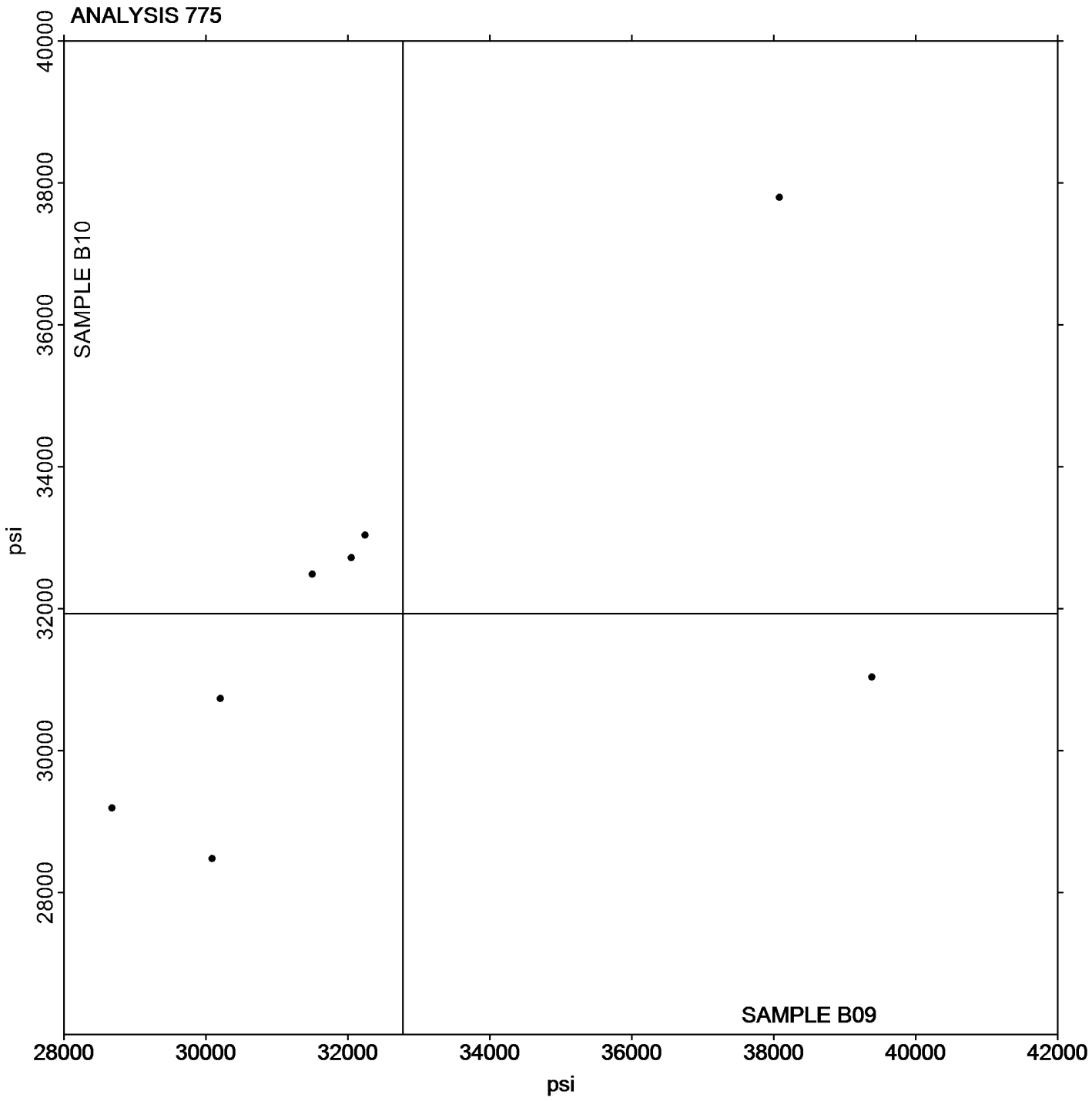
Z8Q4QJ (X) - Data for both samples are high. Inconsistent within the determinations of both samples.

Key to Instrument Codes Reported by Participants

IM Instru-Met Instruments

IN Instron

Grand Mean Sample B09: 32,778.50 psi Grand Mean Sample B10: 31,932.86 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 B09 Lab Mean	Sample B09 Diff from Grand Mean	Sample B09 CPV	Sample B10 Lab Mean	Sample B10 Diff from Grand Mean	Sample B10 CPV	Instr Code
2UYUNA		30,404	759	0.16	26,719	-2,757	-0.59	IN
9DLWE6		27,626	-2,019	-0.42	28,148	-1,328	-0.28	IN
9FCZ9C		24,560	-5,084	-1.06	24,817	-4,660	-1.00	IN
9R7D7M		30,689	1,044	0.22	31,892	2,415	0.52	IN
D6FKCV		26,468	-3,176	-0.66	27,210	-2,266	-0.49	IN
RVMBKE		34,069	4,424	0.92	34,884	5,408	1.16	MT
UF6Y9W		25,906	-3,739	-0.78	26,159	-3,317	-0.71	IM
VTN27F		29,595	-49	-0.01	29,489	12	0.00	IN
WY8QYN		26,419	-3,226	-0.67	25,926	-3,550	-0.76	IN
Z8Q4QJ		40,709	11,065	2.30	39,520	10,044	2.15	IN

Summary Statistics

	Sample B09	Sample B10
Grand Means	29,644.4 psi	29,476.4 psi
Stnd Dev Btwn Labs	4,808.1 psi	4,664.0 psi

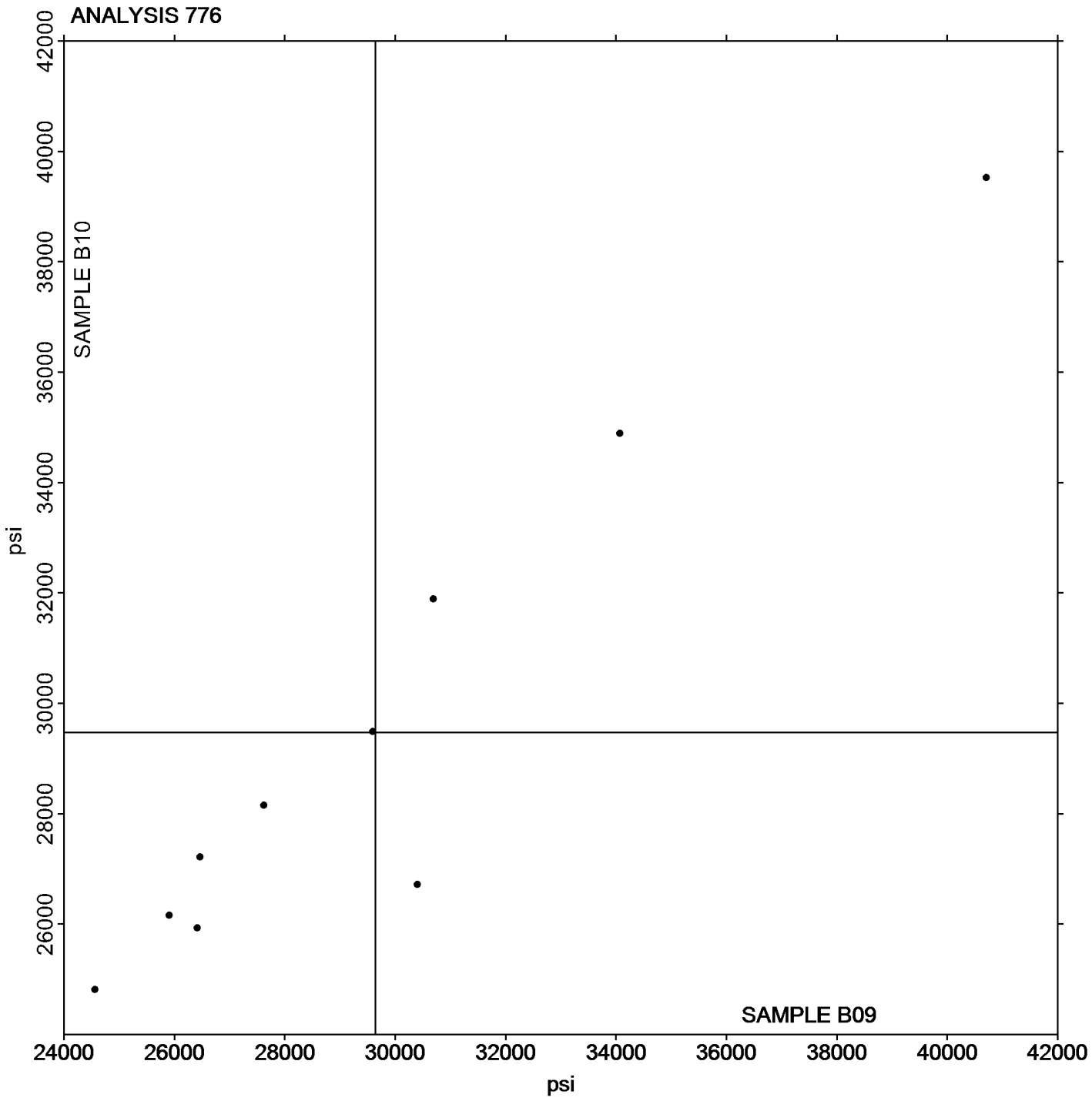
Statistics based on 10 of 10 reporting participants

Sample B09: LDPE & Sample B10: LDPE

Key to Instrument Codes Reported by Participants

IM Instru-Met Instruments
IN Instron
MT MTS/Sintech

Grand Mean Sample B09: 29,644.36 psi Grand Mean Sample B10: 29,476.38 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 P09 Lab Mean	Sample P09 Diff from Grand Mean	Sample P09 CPV	Sample P10 Lab Mean	Sample P10 Diff from Grand Mean	Sample P10 CPV	Instr Code
9DLWE6		0.1500	-0.0003	-0.01	0.1972	0.0163	0.32	TM
9R7D7M		0.1660	0.0157	0.37	0.1780	-0.0029	-0.06	TH
CUHH82		0.1400	-0.0103	-0.25	0.1736	-0.0073	-0.15	TN
RNKYRN		0.1028	-0.0475	-1.13	0.1364	-0.0445	-0.88	XX
RVMBKE		0.2160	0.0657	1.56	0.2300	0.0491	0.97	TH
UF6Y9W		0.1408	-0.0095	-0.23	0.1996	0.0187	0.37	TH
WY8QYN		0.1950	0.0447	1.06	0.2448	0.0639	1.27	MI
Y2L4WG		0.0920	-0.0583	-1.39	0.0880	-0.0930	-1.84	TO

Summary Statistics

	Sample P09	Sample P10
Grand Means	0.15033 COF	0.18095 COF
Stnd Dev Btwn Labs	0.04211 COF	0.05040 COF

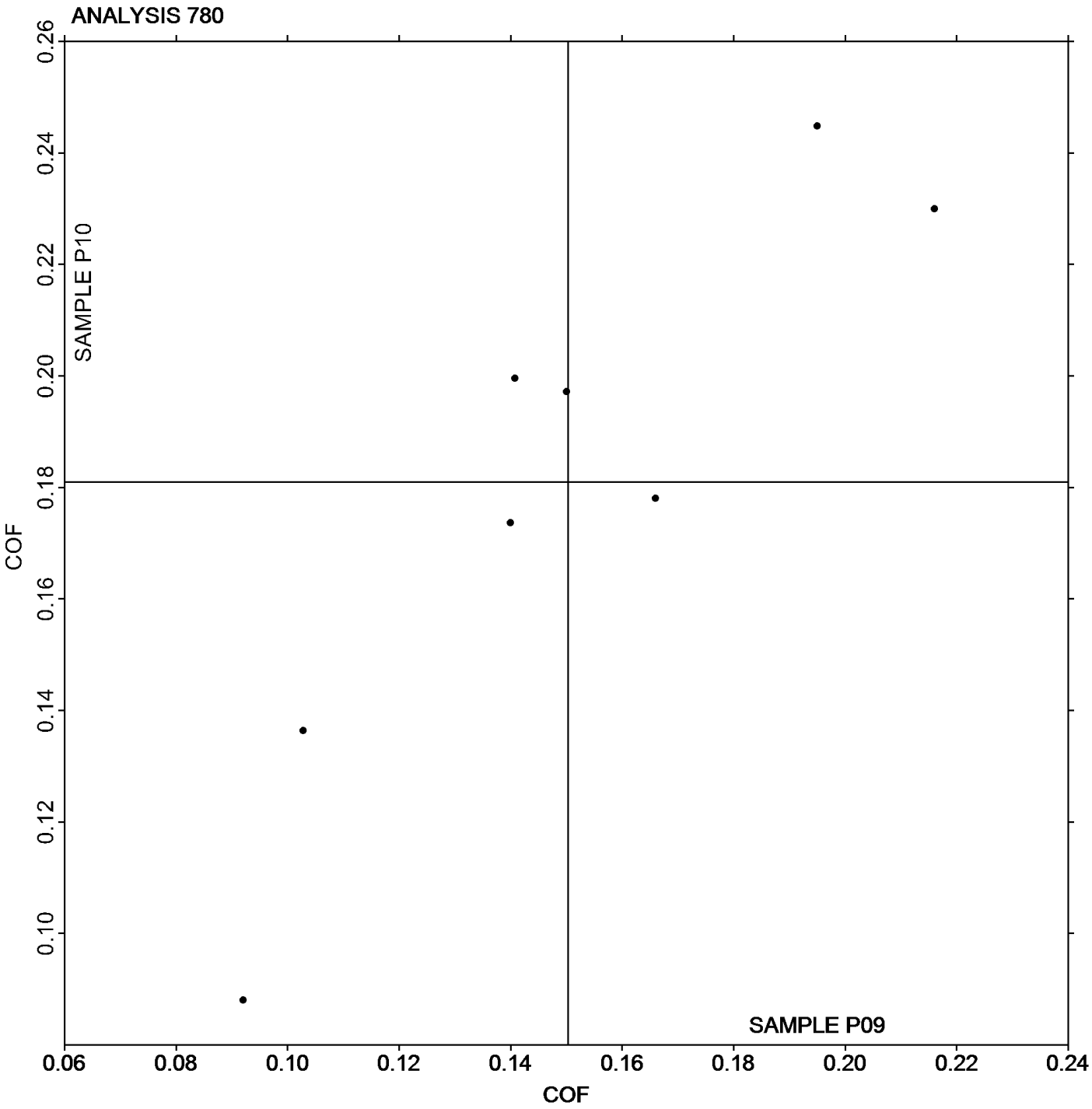
Statistics based on 8 of 8 reporting participants

Sample P09: LDPE & Sample P10: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample P09: 0.15033 COF Grand Mean Sample P10: 0.18095 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 P09 Lab Mean	Sample P09 Diff from Grand Mean	Sample P09 CPV	Sample P10 Lab Mean	Sample P10 Diff from Grand Mean	Sample P10 CPV	Instr Code
9DLWE6		0.0848	-0.0152	-0.67	0.1278	0.0051	0.17	TM
9R7D7M		0.1298	0.0298	1.32	0.1398	0.0171	0.58	TH
CUHH82		0.0938	-0.0062	-0.27	0.1232	0.0005	0.02	TN
RNKYRN		0.0840	-0.0160	-0.71	0.1130	-0.0097	-0.33	XX
RVMBKE		0.1380	0.0380	1.68	0.1392	0.0165	0.56	TH
UF6Y9W		0.0780	-0.0220	-0.97	0.1384	0.0157	0.53	TH
WY8QYN		0.1054	0.0054	0.24	0.1452	0.0225	0.77	MI
Y2L4WG		0.0860	-0.0140	-0.62	0.0548	-0.0679	-2.31	TO

Summary Statistics

	Sample P09	Sample P10
Grand Means	0.09998 COF	0.12268 COF
Stnd Dev Btwn Labs	0.02257 COF	0.02939 COF

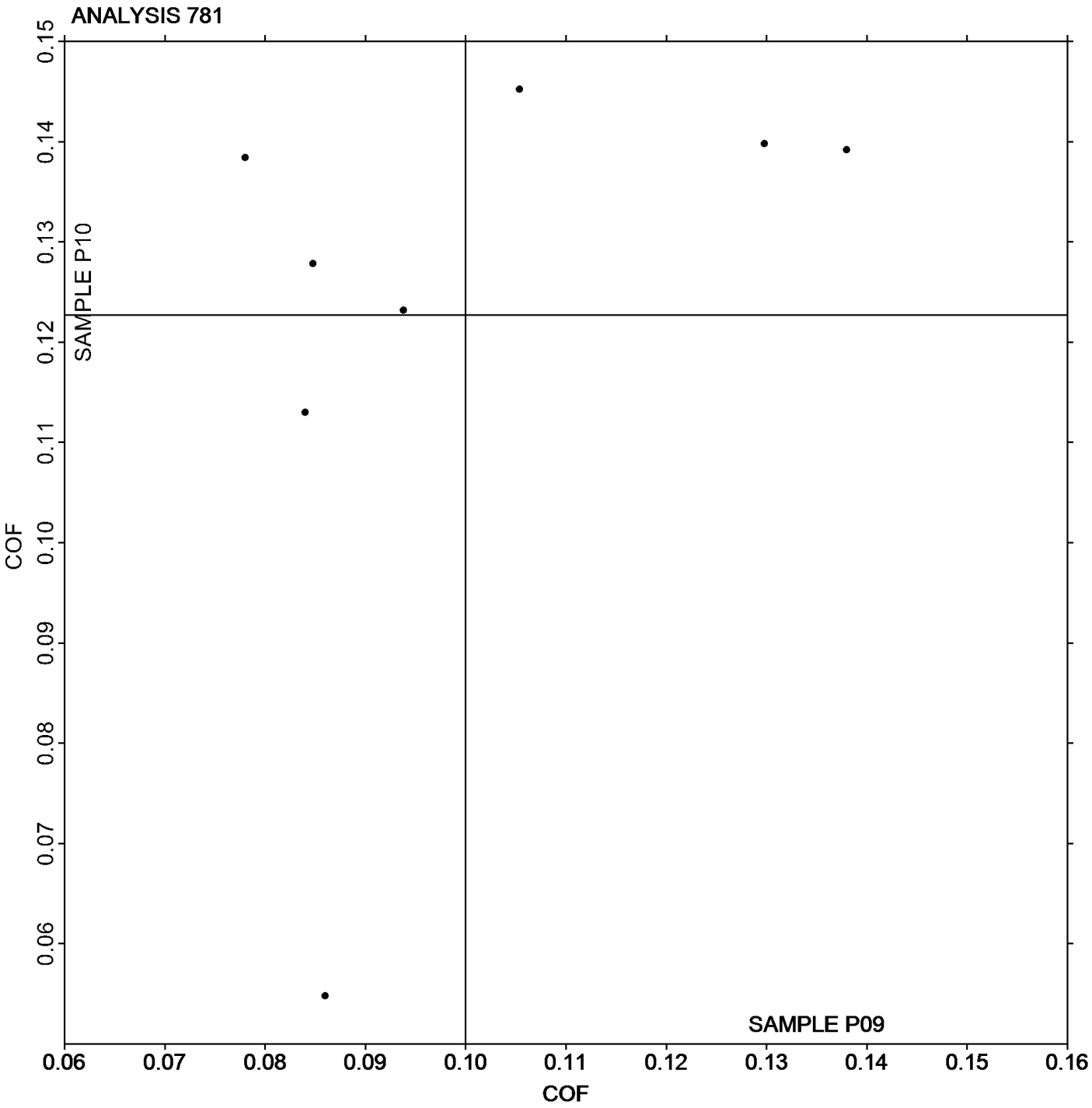
Statistics based on 8 of 8 reporting participants

Sample P09: LDPE & Sample P10: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample P09: 0.09998 COF Grand Mean Sample P10: 0.12268 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 Q09 Lab Mean	Sample Q09 Diff from Grand Mean	Sample Q09 CPV	Sample Q10 Lab Mean	Sample Q10 Diff from Grand Mean	Sample Q10 CPV	Instr Code
6YZC97		590.2	-3.7	-0.05	729.3	57.1	0.82	LO
9DLWE6		592.1	-1.8	-0.02	696.8	24.6	0.35	TM
9R7D7M		643.3	49.4	0.62	707.7	35.5	0.51	TE
K74PKU		489.2	-104.7	-1.31	541.3	-130.9	-1.88	SZ
UF6Y9W		532.8	-61.1	-0.76	710.4	38.2	0.55	EM
WY8QYN		715.8	121.9	1.52	647.5	-24.7	-0.35	TE

Summary Statistics

	Sample Q09	Sample Q10
Grand Means	593.91 grams-force	672.16 grams-force
Stnd Dev Btwn Labs	80.03 grams-force	69.76 grams-force

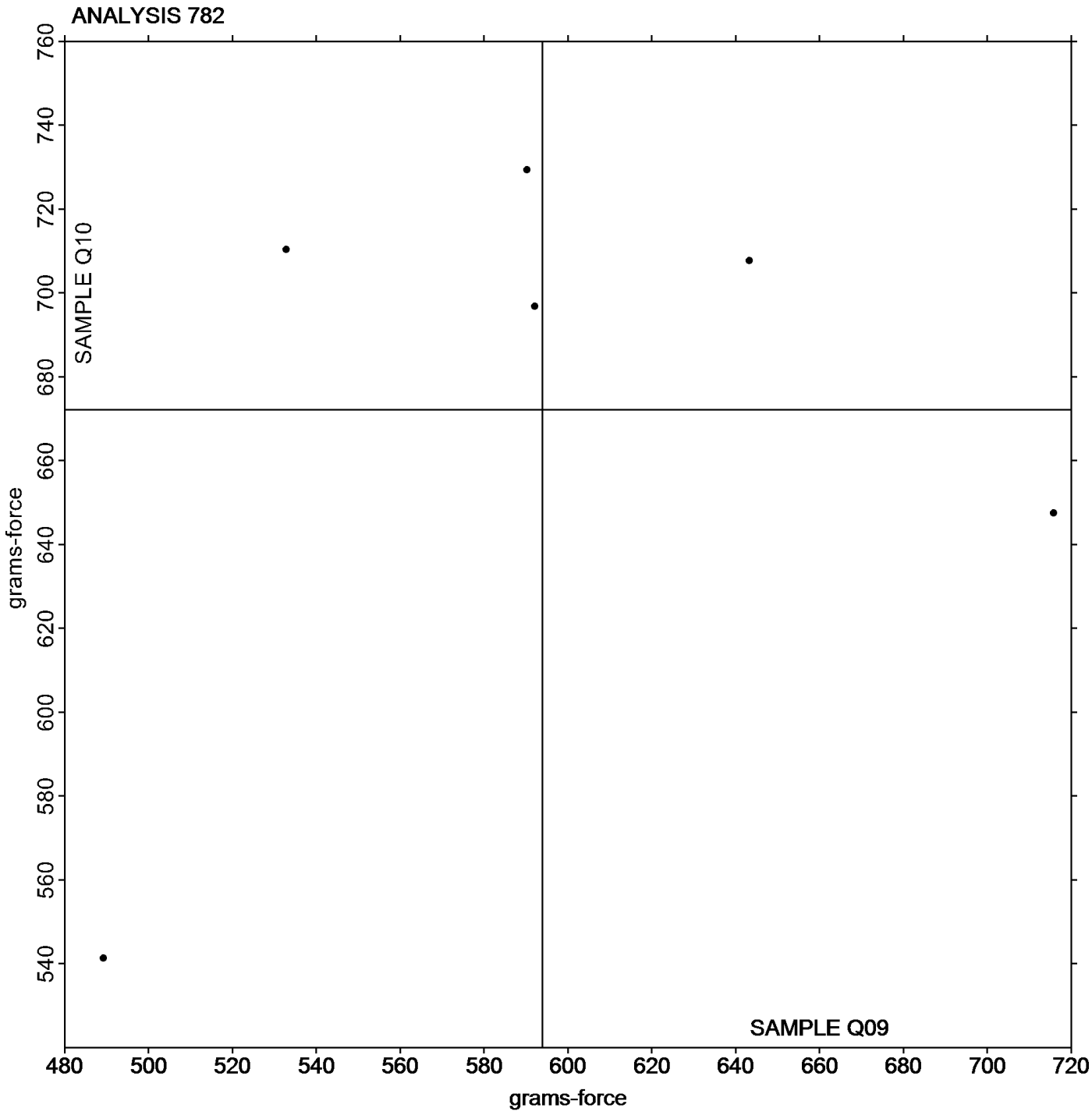
Statistics based on 6 of 6 reporting participants

Sample Q09: LDPE & Sample Q10: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample Q09: 593.91 grams-force Grand Mean Sample Q10: 672.16 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 D09 Lab Mean	Sample D09 Diff from Grand Mean	Sample D09 CPV	Sample D10 Lab Mean	Sample D10 Diff from Grand Mean	Sample D10 CPV	Instr Code
2UYUNA		21.038	0.260	0.29	20.963	0.185	0.21	BJ
3G48QD		20.950	0.172	0.19	20.263	-0.515	-0.58	BJ
6Q3HB9		20.113	-0.665	-0.73	20.288	-0.490	-0.56	XR
7KX34X		20.620	-0.158	-0.17	21.185	0.408	0.46	BJ
7LAXN4		21.100	0.322	0.35	20.763	-0.015	-0.02	BJ
9DLWE6		18.538	-2.240	-2.47	18.725	-2.052	-2.33	BJ
9K8RHU		20.988	0.210	0.23	21.138	0.360	0.41	BJ
9R7D7M		21.088	0.310	0.34	20.988	0.210	0.24	BJ
AK2WA8		21.250	0.472	0.52	20.750	-0.027	-0.03	BJ
CC44WX		20.354	-0.424	-0.47	20.535	-0.242	-0.27	XR
CCXQ93		20.575	-0.203	-0.22	21.725	0.948	1.07	BJ
E3LE7N		18.640	-2.138	-2.36	19.333	-1.445	-1.64	XR
EYA9T4		20.650	-0.128	-0.14	20.650	-0.127	-0.14	BJ
FPGHL2		21.138	0.360	0.40	21.615	0.838	0.95	XX
K74PKU		21.538	0.760	0.84	21.263	0.485	0.55	BJ
NFK9WP		19.456	-1.322	-1.46	18.921	-1.856	-2.10	HL
Q2C9XH		20.700	-0.078	-0.09	20.600	-0.177	-0.20	BJ
TZVV7Q		21.443	0.665	0.73	21.095	0.318	0.36	BJ
UF6Y9W		21.550	0.772	0.85	20.863	0.085	0.10	BJ
WPYYUZ		21.000	0.222	0.24	21.438	0.660	0.75	BJ
WY8QYN		21.300	0.522	0.58	20.738	-0.040	-0.04	BJ
YEUQ7D		21.313	0.535	0.59	21.350	0.573	0.65	BJ
YXNG7D		22.554	1.776	1.96	22.691	1.914	2.17	XR

Summary Statistics

	Sample D09	Sample D10
Grand Means	20.7779 Percent	20.7772 Percent
Stnd Dev Btwn Labs	0.9075 Percent	0.8817 Percent

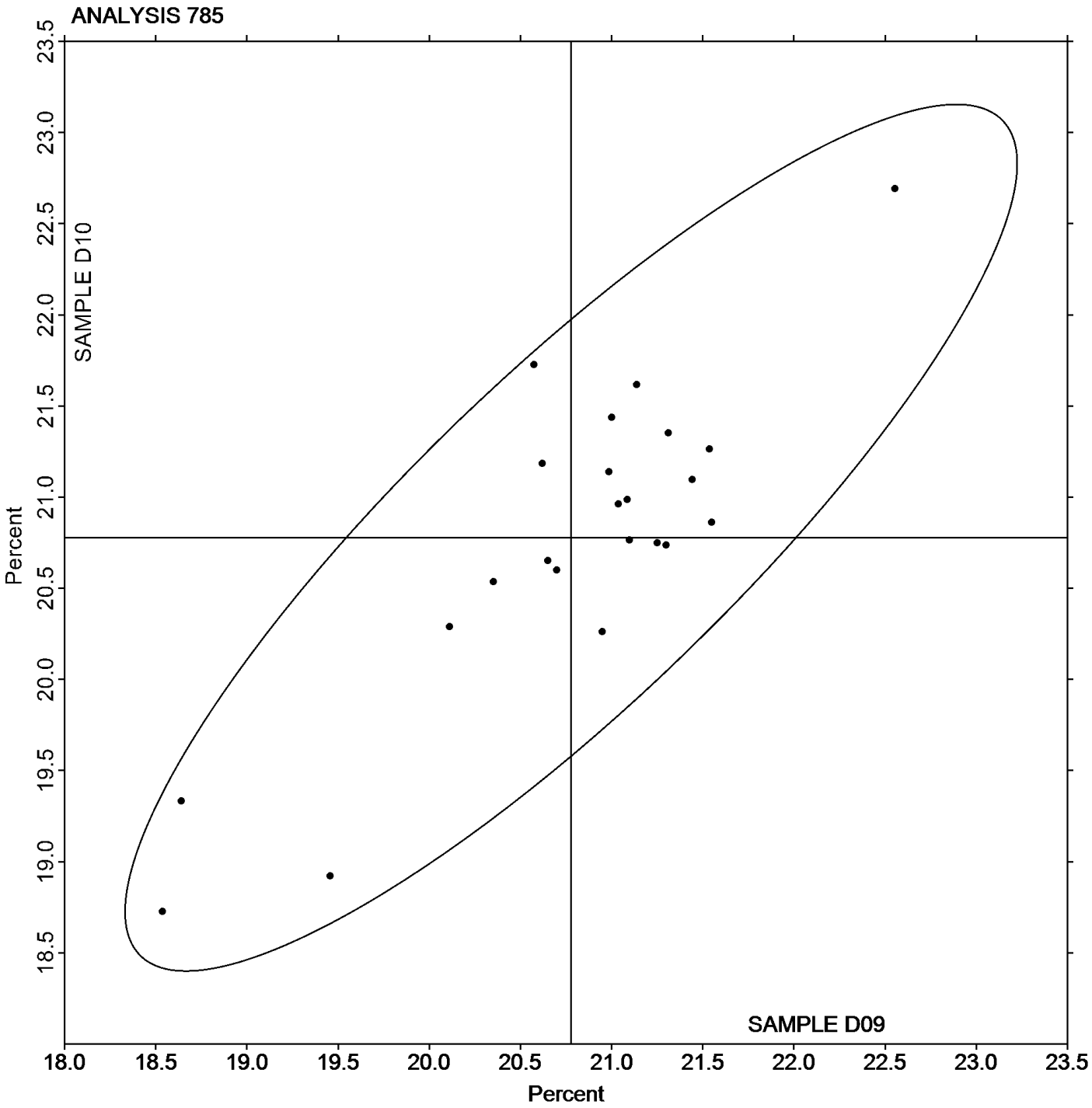
Statistics based on 23 of 23 reporting participants

Sample D09: LDPE & Sample D10: 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 D09: 20.778 Percent Grand Mean Sample D10: 20.777 Percent



Plastics Interlaboratory Testing Program

Analysis 786

Total Luminous Transmittance of Film

Report #134
2nd Qtr 2025

WebCode	Data Flag	Sample D09 Lab Mean	Sample D09 Diff from Grand Mean	Sample D09 CPV	Sample D10 Lab Mean	Sample D10 Diff from Grand Mean	Sample D10 CPV	Instr Code
2UYUNA		94.85	1.94	1.52	94.66	1.80	1.44	BJ
3G48QD		93.54	0.63	0.49	93.43	0.57	0.45	BJ
6Q3HB9		91.01	-1.89	-1.48	91.19	-1.67	-1.34	XR
7KX34X	*	94.01	1.10	0.86	94.38	1.52	1.22	BJ
7LAXN4		93.84	0.93	0.73	93.80	0.94	0.75	BJ
9DLWE6		92.31	-0.59	-0.46	92.51	-0.35	-0.28	BJ
9K8RHU		93.33	0.42	0.33	93.13	0.27	0.21	BJ
9R7D7M		92.88	-0.03	-0.02	92.88	0.02	0.01	BJ
AK2WA8		93.69	0.78	0.61	93.75	0.89	0.71	BJ
CC44WX		91.49	-1.42	-1.11	91.26	-1.60	-1.28	XR
CCXQ93		93.43	0.52	0.41	93.41	0.55	0.44	BJ
E3LE7N		89.93	-2.97	-2.33	89.78	-3.08	-2.47	XR
EYA9T4		93.94	1.03	0.81	93.63	0.77	0.61	BJ
FPGHL2		93.24	0.33	0.26	93.19	0.33	0.26	XX
K74PKU		92.66	-0.24	-0.19	92.40	-0.46	-0.37	BJ
NFK9WP		90.77	-2.14	-1.67	90.95	-1.91	-1.53	XX
Q2C9XH		93.81	0.91	0.71	93.69	0.83	0.66	BJ
TZVV7Q		93.57	0.67	0.52	93.34	0.48	0.38	BJ
UF6Y9W		94.30	1.39	1.09	94.16	1.30	1.04	BJ
VTM4VJ		91.44	-1.47	-1.15	91.46	-1.40	-1.12	BJ
WPYYUZ		94.20	1.29	1.01	94.14	1.28	1.02	BJ
WY8QYN		92.64	-0.27	-0.21	92.54	-0.32	-0.26	BJ
YEUQ7D	X	85.10	-7.81	-6.11	85.19	-7.67	-6.14	BJ
YXNG7D		91.96	-0.94	-0.74	92.10	-0.76	-0.61	XR

Summary Statistics

	Sample D09	Sample D10
Grand Means	92.905 Percent	92.859 Percent
Stnd Dev Btwn Labs	1.278 Percent	1.249 Percent

Statistics based on 23 of 24 reporting participants

Sample D09: LDPE & Sample D10: LDPE

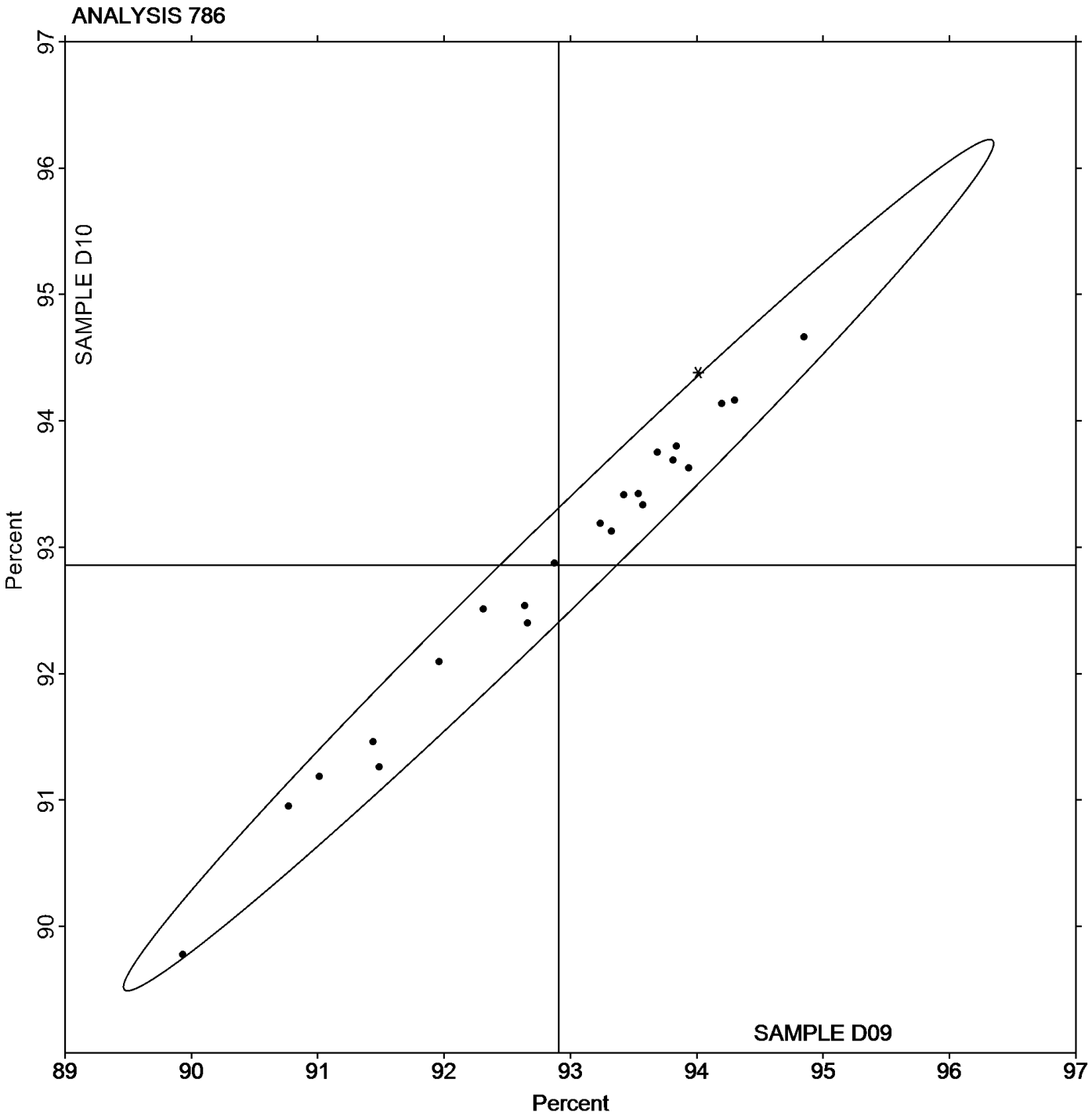
Comments on Assigned Data Flags for Test #786

YEUQ7D (X) - Data for both samples are low. Possible Systematic Error.

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 D09: 92.905 Percent Grand Mean Sample D10: 92.859 Percent



WebCode	Data Flag	Sample S09 Lab Mean	Sample S09 Diff from Grand Mean	Sample S09 CPV	Sample S10 Lab Mean	Sample S10 Diff from Grand Mean	Sample S10 CPV	Instr Code
2T2LD6		2.02	0.14	0.81	1.93	0.06	0.35	TO
376CTH		1.65	-0.23	-1.31	1.66	-0.22	-1.20	TO
3CB7ME	*	1.69	-0.19	-1.09	1.81	-0.06	-0.33	TM
63GEFC		1.87	-0.01	-0.06	1.85	-0.02	-0.12	CE
63GG6G	X	1.94	0.06	0.37	1.69	-0.18	-1.01	RR
6NXR7E		1.90	0.02	0.11	1.83	-0.04	-0.22	XX
793UJA		1.74	-0.14	-0.79	1.74	-0.13	-0.72	DY
7ZRRX9		1.91	0.03	0.18	1.94	0.07	0.41	TO
99F6AD		2.06	0.19	1.08	2.08	0.21	1.16	TM
9FCZ9C	*	1.49	-0.38	-2.19	1.41	-0.46	-2.56	TO
9K8RHU		1.89	0.02	0.10	1.89	0.02	0.12	CE
9MD67M		1.82	-0.06	-0.33	1.78	-0.09	-0.52	TO
9R7D7M		2.02	0.15	0.85	1.96	0.09	0.49	CE
BD2WCQ	*	2.37	0.50	2.84	2.42	0.55	3.05	BA
CJJLA7		1.90	0.03	0.15	1.85	-0.02	-0.13	WZ
CRGCW2	X	0.47	-1.41	-8.09	0.47	-1.40	-7.78	TO
DH4PH7		1.86	-0.02	-0.11	1.87	0.00	0.00	TY
EYA9T4	X	2.65	0.78	4.45	2.58	0.71	3.95	WZ
FMDM3Y		1.71	-0.16	-0.94	1.68	-0.19	-1.05	TM
FPFKB7		2.09	0.21	1.23	2.07	0.20	1.11	TM
HAELHT	X	2.22	0.34	1.97	1.56	-0.31	-1.72	TO
HKVC3W		1.53	-0.35	-1.99	1.60	-0.27	-1.51	WZ
JTJPE2		1.97	0.09	0.54	2.00	0.13	0.70	CE
K4KBGU		1.85	-0.03	-0.17	1.84	-0.04	-0.20	CE
L8EQ7T		1.82	-0.06	-0.34	1.82	-0.05	-0.30	WZ
MAEEYN	X	2.78	0.91	5.20	2.89	1.01	5.64	XX
PAVAJM		2.08	0.21	1.19	2.03	0.16	0.87	TM
PXWCU2		1.89	0.01	0.05	1.85	-0.02	-0.14	IN
QPY4QL		2.02	0.14	0.80	2.06	0.19	1.04	TO
RBXP84		1.59	-0.28	-1.63	1.54	-0.33	-1.85	TO
T7YW7K		1.83	-0.05	-0.27	1.83	-0.04	-0.21	TO
TXP9TL		1.95	0.08	0.43	2.02	0.14	0.81	BA
TZVV7Q		1.88	0.00	0.00	1.91	0.03	0.19	TY
U3X7GK		2.20	0.32	1.85	2.19	0.31	1.75	TO
VD7DQP	X	2.31	0.44	2.50	1.57	-0.30	-1.66	TO

WebCode	Data Flag	Sample S09 Lab Mean	Sample S09 Diff from Grand Mean	Sample S09 CPV	Sample S10 Lab Mean	Sample S10 Diff from Grand Mean	Sample S10 CPV	Instr Code
VEM8TK	X	2.15	0.27	1.57	1.95	0.07	0.42	IN
VNQH6G		1.81	-0.07	-0.37	1.79	-0.08	-0.44	XX
WUDW3M		1.91	0.04	0.21	1.93	0.06	0.35	CE
WY8QYN		1.88	0.00	0.02	1.81	-0.06	-0.35	TO
XEE6WC		1.91	0.03	0.19	1.85	-0.02	-0.12	TO
XTXR7A		1.79	-0.09	-0.49	1.85	-0.02	-0.14	TO
Y2L4WG		1.81	-0.07	-0.40	1.83	-0.04	-0.21	WZ
YEUQ7D		1.85	-0.03	-0.15	1.85	-0.02	-0.11	WZ

Summary Statistics

	Sample S09	Sample S10
Grand Means	1.876 ft.lbf/in	1.871 ft.lbf/in
Stnd Dev Btwn Labs	0.174 ft.lbf/in	0.180 ft.lbf/in

Statistics based on 36 of 43 reporting participants

Sample S09: HIPS & Sample S10: HIPS

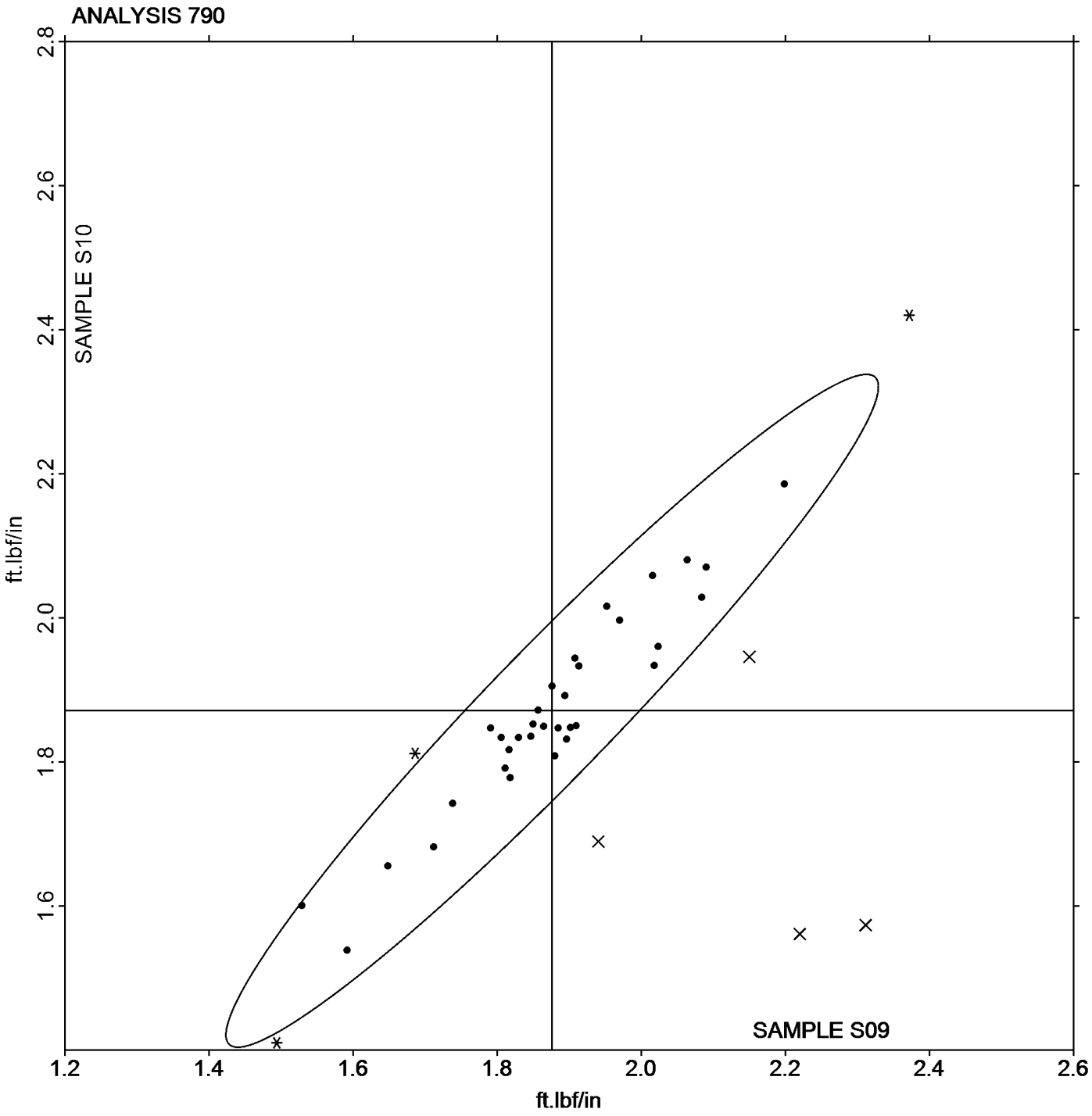
Comments on Assigned Data Flags for Test #790

HAELHT (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample S09.
CRGCW2 (X) - Data for both samples are low.
VEM8TK (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample S09.
EYA9T4 (X) - Data for both samples are high. Possible Systematic Error.
63GG6G (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample S09.
VD7DQP (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample S09.
MAEEYN (X) - Data for both samples are high. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

BA	Baldwin	CE	Ceast
DY	Dynatup	IN	Instron
RR	Ray-Ran Polymer Testing Equipment	TM	TMI
TO	Tinius Olsen	TY	Toyoseiki
WZ	Zwick	XX	Instrument manufacturer not specified by lab

Grand Mean Sample S09: 1.8762 ft.lbf/in Grand Mean Sample S10: 1.8710 ft.lbf/in



WebCode	Data Flag	Sample Z09 Lab Mean	Sample Z09 Diff from Grand Mean	Sample Z09 CPV	Sample Z10 Lab Mean	Sample Z10 Diff from Grand Mean	Sample Z10 CPV	Instr Code
2NVV9E		8.53	-0.01	-0.03	8.55	-0.04	-0.10	XX
3BZ2CB		8.03	-0.52	-1.41	8.07	-0.52	-1.29	CE
6NXR7E		8.43	-0.11	-0.29	8.46	-0.13	-0.32	XX
9R7D7M		9.25	0.71	1.93	9.41	0.82	2.04	CE
AV6CV7		8.24	-0.30	-0.83	8.31	-0.28	-0.69	TO
CJJLA7	X	9.22	0.68	1.86	9.85	1.26	3.15	WZ
CPBUUZ		8.28	-0.26	-0.70	8.27	-0.32	-0.80	TO
CUHH82	X	52.65	44.11	120.30	51.89	43.30	108.13	TM
DELHZY		8.28	-0.26	-0.72	8.11	-0.48	-1.19	XX
DH4PH7		8.48	-0.06	-0.16	8.51	-0.08	-0.20	TY
EEEVVP		8.48	-0.06	-0.16	8.56	-0.03	-0.08	TO
ENQPFY	X	8.96	0.42	1.13	8.61	0.02	0.06	CE
F7MGU6		9.08	0.54	1.46	9.11	0.52	1.30	XX
GXRYVM		8.67	0.13	0.34	8.69	0.10	0.26	IN
HAELHT		8.06	-0.48	-1.31	8.04	-0.55	-1.37	TO
HKVC3W		8.67	0.13	0.36	8.62	0.03	0.08	WZ
JNDUWM		8.24	-0.30	-0.81	8.46	-0.13	-0.32	CE
KP6AMN		7.68	-0.86	-2.35	7.58	-1.01	-2.52	TO
L8EQ7T		8.83	0.28	0.77	8.83	0.24	0.60	WZ
MC7BUA		9.03	0.49	1.34	9.19	0.61	1.51	CE
MTBKRN		9.08	0.54	1.46	9.22	0.64	1.59	CE
PAVAJM		8.94	0.39	1.08	8.98	0.39	0.98	XX
RRJBNN		8.58	0.04	0.10	8.63	0.04	0.10	WZ
RUDY96	*	8.45	-0.09	-0.26	8.75	0.16	0.39	CE
TZVV7Q		8.70	0.16	0.43	8.67	0.08	0.20	XX
VD7DQP		8.28	-0.26	-0.71	8.52	-0.07	-0.16	TO
VNQH6G	X	6.55	-1.99	-5.43	6.72	-1.87	-4.66	XX
W3AK2Y		9.06	0.52	1.42	9.09	0.51	1.27	WZ
W3RGN8		8.72	0.18	0.48	8.74	0.15	0.37	TO
WAPBJK		8.16	-0.38	-1.04	8.24	-0.35	-0.87	WZ
WY8QYN		8.39	-0.16	-0.43	8.38	-0.21	-0.52	TO
WYR6R8		8.67	0.12	0.34	8.67	0.08	0.20	TO
XPYGAA	X	10.70	2.15	5.88	12.09	3.50	8.75	WZ
ZDDRNA		8.42	-0.12	-0.33	8.40	-0.19	-0.47	IN

Summary Statistics	Sample Z09	Sample Z10
Grand Means	8.542 kJ/m^2	8.587 kJ/m^2
Stnd Dev Btwn Labs	0.367 kJ/m^2	0.400 kJ/m^2

Statistics based on 29 of 34 reporting participants

Sample Z09: HIPS & Sample Z10: HIPS

Comments on Assigned Data Flags for Test #791

VNQH6G (X) - Data for both samples are low. Possible Systematic Error.

ENQPFY (X) - Inconsistent in testing between samples.

CUHH82 (X) - Extreme data.

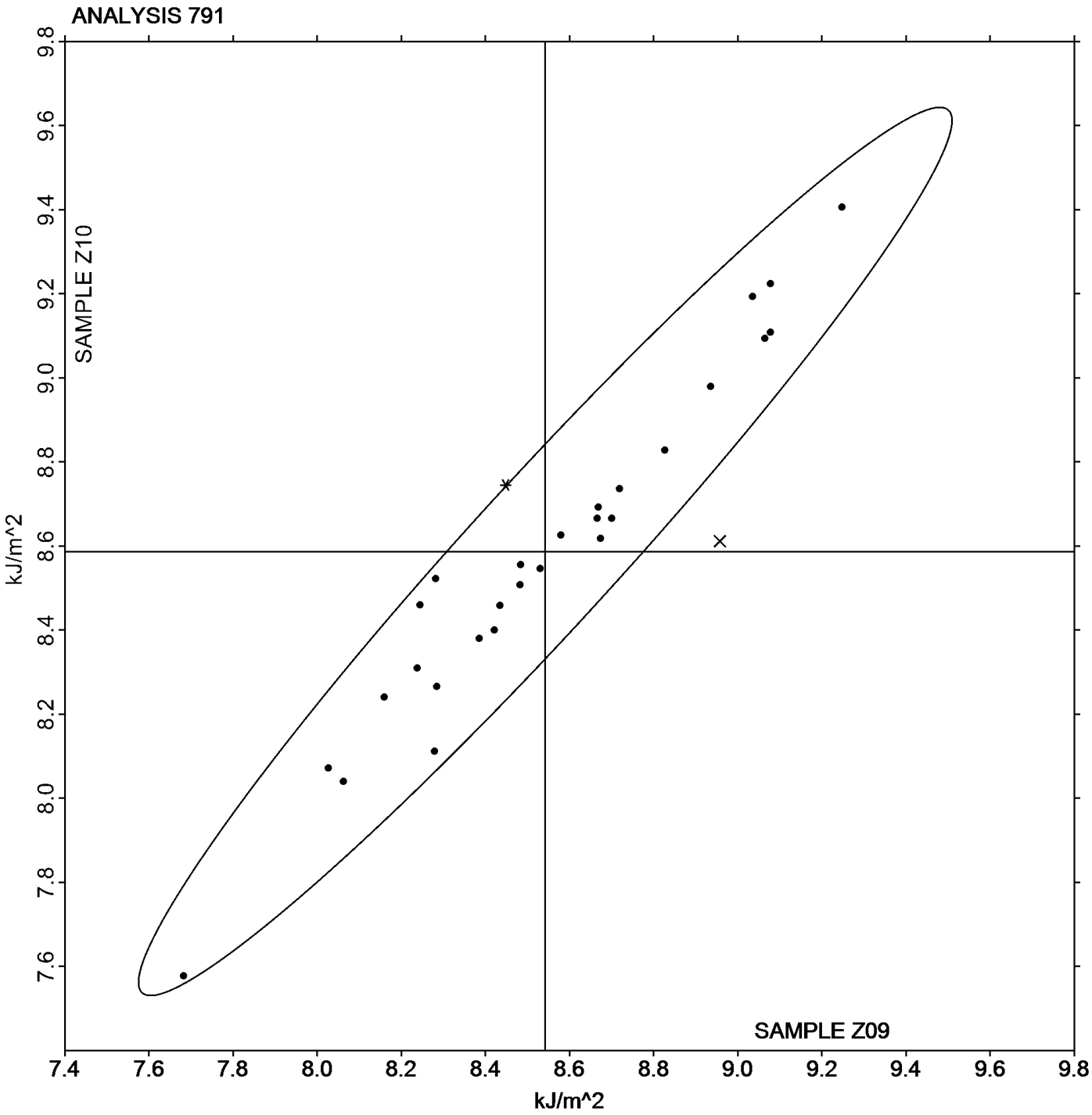
CJJLA7 (X) - Data for sample Z10 are high. Inconsistent within the determinations of both samples.

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

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 Z09: 8.5419 kJ/m^2 Grand Mean Sample Z10: 8.5873 kJ/m^2



WebCode	Data Flag	Sample M09 Lab Mean	Sample M09 Diff from Grand Mean	Sample M09 CPV	Sample M10 Lab Mean	Sample M10 Diff from Grand Mean	Sample M10 CPV	Instr Code
376CTH		44.21	-3.67	-0.96	42.97	-4.82	-1.30	TO
3BZ2CB		46.32	-1.57	-0.41	45.34	-2.45	-0.66	CE
63GEFC		49.49	1.60	0.42	48.76	0.97	0.26	CE
6NXR7E		45.22	-2.66	-0.70	45.48	-2.30	-0.62	XX
863Z3J		44.51	-3.38	-0.89	43.45	-4.33	-1.17	XX
94X339		49.30	1.42	0.37	48.20	0.42	0.11	TO
9R7D7M		50.46	2.58	0.68	50.52	2.74	0.74	CE
AV6CV7	*	56.34	8.46	2.22	53.56	5.78	1.56	TO
AY3T9Z		48.95	1.07	0.28	49.26	1.48	0.40	WZ
BD2WCQ		52.88	4.99	1.31	50.63	2.84	0.77	XX
CJJLA7		46.36	-1.53	-0.40	46.10	-1.68	-0.45	WZ
CPBUUZ		53.22	5.34	1.40	54.92	7.14	1.93	TO
DYA4H2		52.56	4.68	1.23	53.59	5.80	1.57	TO
ENQPFY		51.41	3.52	0.93	52.31	4.53	1.22	CE
F73ZE3		48.27	0.38	0.10	48.55	0.76	0.21	CE
F7MGU6		48.79	0.90	0.24	48.51	0.73	0.20	WZ
F8DXPY		51.18	3.30	0.87	51.30	3.51	0.95	XX
FMDM3Y		47.88	0.00	0.00	46.24	-1.54	-0.42	TM
HKVC3W		52.84	4.96	1.30	50.86	3.08	0.83	WZ
JNDUWM		51.06	3.18	0.84	50.66	2.87	0.78	CE
K4KBGU		49.90	2.02	0.53	47.80	0.02	0.00	CE
KP6AMN		45.22	-2.66	-0.70	44.86	-2.92	-0.79	TO
L8EQ7T		48.49	0.61	0.16	48.29	0.51	0.14	WZ
M4V999		44.60	-3.28	-0.86	43.46	-4.32	-1.17	TO
MC7BUA	*	50.14	2.25	0.59	53.19	5.40	1.46	CE
MTBKRN		43.30	-4.59	-1.20	42.79	-4.99	-1.35	CE
NFK9WP		47.33	-0.56	-0.15	47.27	-0.52	-0.14	TO
NYZGXQ		52.14	4.26	1.12	49.19	1.40	0.38	TO
PAVAJM		46.20	-1.69	-0.44	48.40	0.62	0.17	XX
PXWCU2		49.53	1.65	0.43	49.43	1.64	0.44	XX
RUDY96		44.44	-3.44	-0.90	45.23	-2.55	-0.69	CE
T7YW7K		45.77	-2.12	-0.56	46.32	-1.46	-0.39	TO
TZVV7Q		44.91	-2.97	-0.78	45.71	-2.08	-0.56	TY
U3X7GK	*	60.04	12.15	3.19	58.94	11.16	3.01	TO
V48FAH		44.76	-3.13	-0.82	44.87	-2.91	-0.79	TO

WebCode	Data Flag	Sample M09 Lab Mean	Sample M09 Diff from Grand Mean	Sample M09 CPV	Sample M10 Lab Mean	Sample M10 Diff from Grand Mean	Sample M10 CPV	Instr Code
VD7DQP		47.83	-0.06	-0.02	50.39	2.60	0.70	TO
VNQH6G	*	37.76	-10.12	-2.66	38.00	-9.78	-2.64	XX
W3AK2Y		45.95	-1.93	-0.51	46.50	-1.29	-0.35	WZ
W3RGN8		47.92	0.04	0.01	47.99	0.20	0.05	TO
WAPBJK		45.96	-1.92	-0.51	48.86	1.08	0.29	WZ
WUDW3M		43.22	-4.66	-1.22	43.04	-4.75	-1.28	WZ
WY8QYN		48.28	0.40	0.10	48.46	0.68	0.18	TO
WYR6R8		47.67	-0.22	-0.06	47.04	-0.75	-0.20	TO
XEE6WC		45.16	-2.72	-0.72	44.54	-3.24	-0.88	TO
XPYGAA		46.17	-1.71	-0.45	46.82	-0.96	-0.26	WZ
YEUQ7D		45.59	-2.30	-0.60	46.01	-1.77	-0.48	WZ
Z9LMTK		44.02	-3.87	-1.02	43.82	-3.97	-1.07	CE
ZDDRNA		44.90	-2.99	-0.78	45.25	-2.53	-0.68	IN

Summary Statistics

	Sample M09	Sample M10
Grand Means	47.884 kJ/m^2	47.784 kJ/m^2
Stnd Dev Btwn Labs	3.807 kJ/m^2	3.706 kJ/m^2

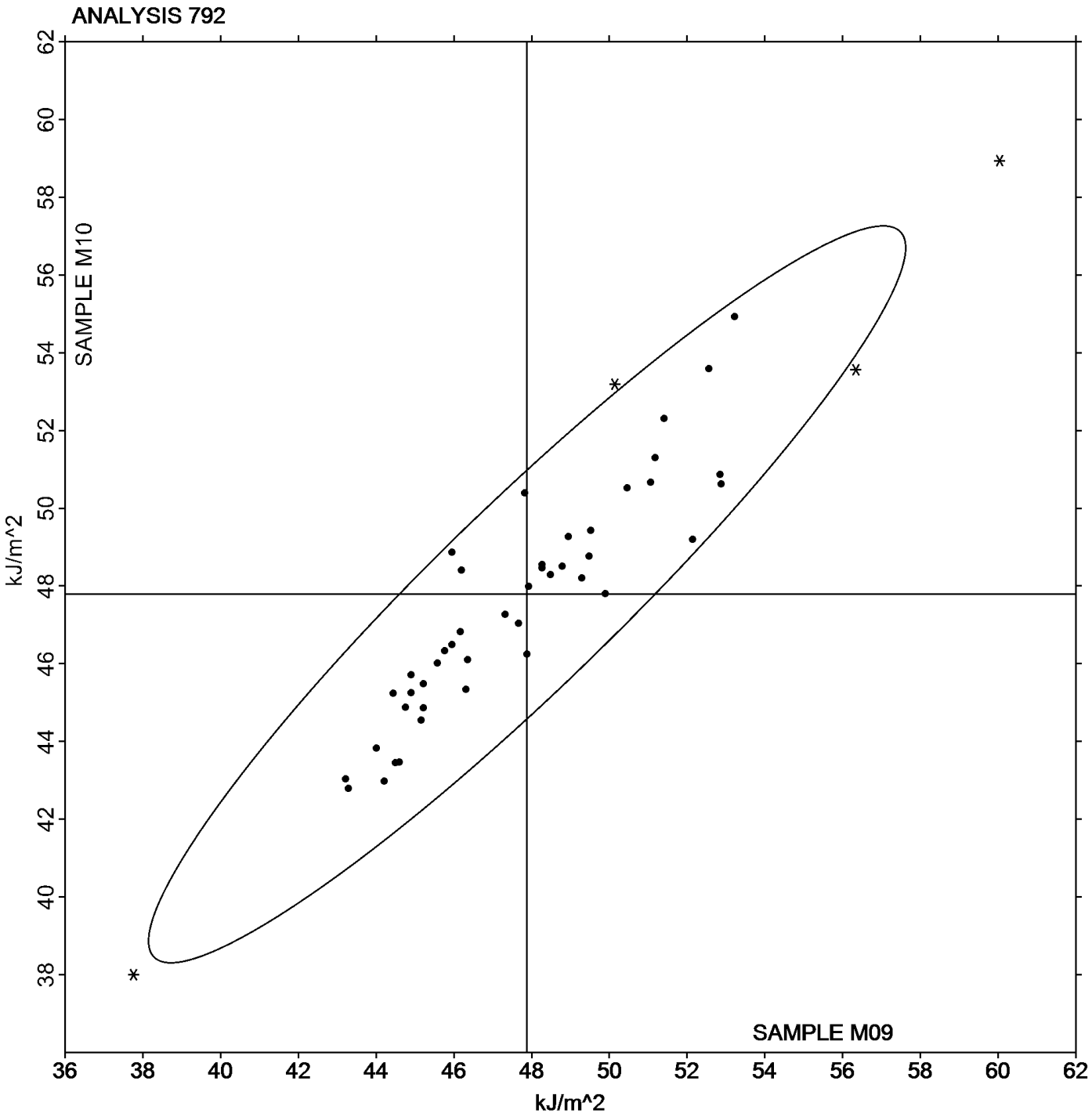
Statistics based on 48 of 48 reporting participants

Sample M09: ABS/PC & Sample M10: ABS/PC

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 M09: 47.884 kJ/m ^ 2 Grand Mean Sample M10: 47.784 kJ/m ^ 2



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