Collaborative Testing Services, Inc.

Plastics Interlaboratory Testing Program

Web Summary Report #128, 4th Qtr 2023

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

About CTS and the Plastics Interlaboratory Program

Founded in 1971, Collaborative Testing Services, Inc. (CTS) is a privately-owned company that specializes in interlaboratory tests for a wide variety of industries including rubber, plastics, fasteners and metals, containerboard, paper, color, agriculture, hemp, and wine, as well as proficiency tests for forensic laboratories. All of the tests are designed to assist organizations in achieving and maintaining quality 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 #128, 4th Qtr 2023

Analysis 704 - Tensile Stress at Yield				
Material: ABS/PC	Sample F95	7,156.18	psi	1.71% COV
	Sample F96	7,150.09	psi	1.62% COV
Analysis 705 - Tensile Stress at Break				
Material: ABS/PC	Sample F95	6,561.57	psi	4.72% COV
	Sample F96	6,555.61	psi	4.60% COV
Analysis 706 - Percent Elongation at Yield				
Material: ABS/PC	Sample F95	4.6226	Percent	3.27% COV
	Sample F96	4.6324	Percent	2.63% COV
Analysis 708 - Modulus of Elasticity				
Material: ABS/PC	Sample F95	322.01	ksi	3.79% COV
	Sample F96	321.39	ksi	3.95% COV
Analysis 710 - Deflection Temp. Under Flexural Load (1.82 MPa)				
Material: ABS	Sample E95	81.948	Degrees C	1.34% COV
	Sample E96	82.103	Degrees C	1.21% COV
Analysis 711 - Deflection Temp. Under Flexural Load (0.455 MPa)				
Material: PP	Sample G95	109.76	Degrees C	2.33% COV
	Sample G96	110.25	Degrees C	2.17% COV
Analysis 712 - Temperature of Deflection (1.80 MPa)				
Material: HIPS	Sample N95	76.929	Degrees C	0.915% COV
	Sample N96	76.887	Degrees C	0.863% COV
Analysis 715 - Vicat Temperature (Rate A)				
Material: ABS	Sample H95	103.26	Degrees C	0.691% COV
	Sample H96	103.28	Degrees C	0.662% COV
Analysis 716 - Vicat Temperature (Rate B)				
Material: ABS	Sample R95	105.03	Degrees C	0.702% COV
	Sample R96	105.02	Degrees C	0.736% COV
Analysis 718 - Specific Gravity				
Material: ABS	Sample T95	1.0419	sp gr 23/23 C	0.223% COV
	Sample T96	1.0420	sp gr 23/23 C	0.206% COV
Analysis 720 - Flexural Modulus				
Material: ABS	Sample J95	347.53	ksi	5.90% COV
	Sample J96	348.41	ksi	6.06% COV
Analysis 721 - Flexural Stress at 5% Strain				
Material: ABS	Sample J95	9,900.43	psi	5.50% COV
	Sample J96	9,937.73	psi	5.54% COV
Analysis 722 - Flexural Stress at Yield				
Material: ABS	Sample J95	9,914.02	psi	5.35% COV
	Sample J96	9,941.35	psi	5.32% COV
Analysis 730 - Tensile Stress at Yield, ISO Method				
Material: ABS/PC	Sample C95	49.790	MPa	1.23% COV
	Sample C96	49.786	MPa	1.26% COV
Analysis 731 - Tensile Stress at Break, ISO Method				
Material: ABS/PC	Sample C95	47.007	MPa	5.78% COV
	Sample C96	46.932	MPa	5.80% COV

Plastics Interlaboratory Testing Program

Results Summary for Report #128, 4th Qtr 2023

Analysis 732 - Strain at Yield, ISO Method				
Material: ABS/PC	Sample C95	4.1924	Percent	2.98% COV
	Sample C96	4.1764	Percent	2.82% COV
Analysis 734 - Modulus of Elasticity, ISO Method				
Material: ABS/PC	Sample C95	2,300.25	MPa	4.23% COV
	Sample C96	2,297.86	MPa	4.51% COV
Analysis 736 - Flexural Modulus				
Material: ABS/PC	Sample K95	2,319.11	MPa	4.39% COV
	Sample K96	2,314.73	MPa	3.99% COV
Analysis 737 - Flexural Stress at 3.5% Strain				
Material: ABS/PC	Sample K95	71.079	MPa	2.72% COV
	Sample K96	70.879	MPa	2.42% COV
Analysis 738 - Flexural Stress at Yield				
Material: ABS/PC	Sample K95	79.840	MPa	2.70% COV
	Sample K96	79.695	MPa	2.44% COV
Analysis 750 - Flow Rate (190C or 230C/2.16 kg)				
Material: PP	Sample X95	12.146	grams/10 mins	6.08% COV
	Sample X96	12.711	grams/10 mins	5.70% COV
Analysis 755 - Moisture Content				
Material: ABS/PC	Sample Y95	0.10119	Percent	19.1% COV
	Sample Y96	0.10482	Percent	16.4% COV
Analysis 757 - Ash Content				
Material: PBT	Sample L95	29.697	Percent	0.166% COV
	Sample L96	29.702	Percent	0.204% COV
Analysis 758 - TGA				
Material: PP	Sample A95	79.257	Percent	0.943% COV
	Sample A96	79.092	Percent	1.37% COV
Analysis 760 - DSC Crystallization Temperature				
Material: PBT	Sample W95	173.88	Degrees Celsius	3.17% COV
	Sample W96	173.92	Degrees Celsius	3.12% COV
Analysis 761 - DSC Melt Temperature				
Material: PBT	Sample W95	223.24	Degrees Celsius	0.529% COV
	Sample W96	223.21	Degrees Celsius	0.536% COV
Analysis 762 - DSC Enthalpy of Crystallization				
Material: PBT	Sample W95	47.923	Joules Per Gram	9.11% COV
	Sample W96	47.740	Joules Per Gram	8.02% COV
Analysis 763 - DSC Enthalpy of Fusion				
Material: PBT	Sample W95	41.290	Joules Per Gram	10.6% COV
	Sample W96	41.030	Joules Per Gram	10.6% COV
Analysis 764 - DSC Glass Transition Temperature				
Material: PET	Sample V95	81.804	Degrees Celsius	1.73% COV
	Sample V96	81.814	Degrees Celsius	1.67% COV
Analysis 765 - Research Crystallization Peak Temperature				
Material: PBT	Sample W95	175.56	Degrees Celsius	3.59% COV
	Sample W96	175.40	Degrees Celsius	3.52% COV

Analysis 766 - Research Melting Peak Temperature				
Material: PBT	Sample W95	223.26	Degrees Celsius	0.797% COV
	Sample W96	223.35	Degrees Celsius	0.870% COV
Analysis 767 - Research Heat of Crystallization				
Material: PBT	Sample W95	48.067	Joules Per Gram	8.11% COV
	Sample W96	47.847	Joules Per Gram	7.85% COV
Analysis 768 - Research Heat of Fusion				
Material: PBT	Sample W95	43.850	Joules Per Gram	14.3% COV
	Sample W96	43.525	Joules Per Gram	14.3% COV
Analysis 769 - Research Glass Transition Temperature				
Material: PET	Sample V95	79.506	Degrees Celsius	5.02% COV
	Sample V96	79.484	Degrees Celsius	5.18% COV
Analysis 770 - Tensile Stress at Yield, Films				
Material: LDPE	Sample B95	1,685.86	psi	9.37% COV
	Sample B96	1,680.27	psi	8.07% COV
Analysis 771 - Tensile Stress at Break, Films				
Material: LDPE	Sample B95	3,413.37	psi	12.7% COV
	Sample B96	3,178.64	psi	14.4% COV
Analysis 772 - Elongation at Yield, Films				
Material: LDPE	Sample B95	37.913	Percent	40.2% COV
	Sample B96	62.058	Percent	43.6% COV
Analysis 773 - Elongation at Break, Films				
Material: LDPE	Sample B95	885.00	Percent	15.5% COV
	Sample B96	753.35	Percent	16.4% COV
Analysis 774 - Thickness of Film Specimens				
Material: LDPE	Sample B95	2.8798	mils	6.61% COV
	Sample B96	2.7707	mils	4.97% COV
Analysis 775 - Secant Modulus at 1% Strain				
Material: LDPE	Sample B95	31,586.49	psi	13.3% COV
	Sample B96	30,356.27	psi	12.3% COV
Analysis 776 - Secant Modulus at 2% Strain				
Material: LDPE	Sample B95	28,080.51	psi	10.4% COV
	Sample B96	26,920.75	psi	7.78% COV
Analysis 780 - Static Friction				
Material: LDPE	Sample P95	0.15667	COF	21.6% COV
	Sample P96	0.14187	COF	24.8% COV
Analysis 781 - Kinetic Friction				
Material: LDPE	Sample P95	0.09890	COF	18.6% COV
	Sample P96	0.09081	COF	24.7% COV
Analysis 782 - Tear Resistance of Film				
Material: LDPE	Sample Q95	299.76	grams-force	18.2% COV
	Sample Q96	246.35	grams-force	17.2% COV
Analysis 785 - Percent Haze				
Material: LDPE	Sample D95	26.524	Percent	4.69% COV
	Sample D96	19.198	Percent	3.73% COV

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Results Summary for Report #128, 4th Qtr 2023

Analysis 786 - Total Transmittance				
Material: LDPE	Sample D95	92.768	Percent	1.28% COV
	Sample D96	92.849	Percent	1.26% COV
Analysis 790 - Notched Izod Impact				
Material: HIPS	Sample S95	1.8989	ft.lbf/in	7.69% COV
	Sample S96	1.8908	ft.lbf/in	7.78% COV
Analysis 791 - Notched Izod Impact				
Material: ABS	Sample Z95	22.485	kJ/m^2	5.16% COV
	Sample Z96	22.518	kJ/m^2	5.60% COV
Analysis 792 - Notched Charpy Impact				
Material: ABS	Sample M95	22.649	kJ/m^2	3.97% COV
	Sample M96	22.620	kJ/m^2	3.90% COV

WebCode	Data Flag	Sample F95 Lab Mean	Sample F95 Diff from Grand Mean	Sample F95 CPV	Sample F96 Lab Mean	Sample F96 Diff from Grand Mean	Sample F96 CPV
2UU43U	X	7,391.2	235.0	1.92	7,162.0	11.9	0.10
2ZED2Q	X	5,240.0	-1,916.2	-15.62	5,360.0	-1,790.1	-15.48
4MGUX6		7,206.4	50.2	0.41	7,234.4	84.3	0.73
7Z2BGM		7,220.6	64.4	0.53	7,269.4	119.3	1.03
837C6Q		7,252.0	95.8	0.78	7,245.4	95.3	0.82
83QPVN		7,205.2	49.1	0.40	7,223.2	73.1	0.63
87LJTP		7,166.1	9.9	0.08	7,166.4	16.3	0.14
8MCNWD		7,219.8	63.6	0.52	7,203.2	53.1	0.46
8YLDPM		7,192.4	36.2	0.30	7,099.2	-50.9	-0.44
9PEVQP	X	6,723.4	-432.8	-3.53	6,646.4	-503.7	-4.36
ADGMBJ	*	7,306.8	150.6	1.23	7,189.6	39.5	0.34
AXL96Y		7,050.3	-105.8	-0.86	7,074.8	-75.3	-0.65
B9J48Z		7,251.4	95.2	0.78	7,211.8	61.7	0.53
BCW9EU		7,209.3	53.1	0.43	7,250.5	100.4	0.87
C4JCC9		7,322.4	166.2	1.36	7,295.8	145.7	1.26
C74D7U	*	6,848.0	-308.2	-2.51	6,858.0	-292.1	-2.53
CCDTFJ		6,985.1	-171.1	-1.39	6,988.0	-162.1	-1.40
DJ9WHU		7,243.8	87.7	0.71	7,220.4	70.3	0.61
EJR6WG		7,252.0	95.8	0.78	7,208.4	58.4	0.50
F8Q4UW		7,220.8	64.6	0.53	7,249.8	99.7	0.86
FGFRRK		7,402.6	246.4	2.01	7,380.4	230.3	1.99
GJ2UAD		7,109.8	-46.4	-0.38	7,124.9	-25.2	-0.22
GK99GJ		7,025.2	-131.0	-1.07	7,008.2	-141.9	-1.23
HMVAZC		7,144.0	-12.2	-0.10	7,206.0	55.9	0.48
HT2XML		7,396.0	239.8	1.96	7,400.0	249.9	2.16
HW6EBH		7,081.2	-75.0	-0.61	7,115.6	-34.5	-0.30
JW2ENM		6,987.8	-168.4	-1.37	6,984.1	-166.0	-1.44
JY68FZ		7,297.2	141.0	1.15	7,191.4	41.3	0.36
K7HH9R		7,021.3	-134.8	-1.10	7,015.0	-135.1	-1.17
KNHEHA		6,955.2	-201.0	-1.64	6,983.4	-166.7	-1.44
KYKTP2		7,168.2	12.0	0.10	7,199.4	49.3	0.43
L7FBGJ		7,154.0	-2.2	-0.02	7,179.2	29.1	0.25
LVH8DP	*	7,092.4	-63.8	-0.52	6,973.5	-176.6	-1.53
LVXKTL		7,117.6	-38.5	-0.31	7,107.8	-42.2	-0.37
MVDAGK		7,157.7	1.5	0.01	7,157.1	7.0	0.06

WebCode	Data Flag	Sample F95 Lab Mean	Sample F95 Diff from Grand Mean	Sample F95 CPV	Sample F96 Lab Mean	Sample F96 Diff from Grand Mean	Sample F96 CPV
MXZTHH		7,143.6	-12.6	-0.10	7,142.4	-7.7	-0.07
N42K6K		7,290.0	133.8	1.09	7,284.0	133.9	1.16
NATUEH		7,228.6	72.4	0.59	7,207.9	57.8	0.50
NBKQ4C		7,132.0	-24.2	-0.20	7,154.0	3.9	0.03
NGNWGU		7,016.0	-140.2	-1.14	6,986.0	-164.1	-1.42
NZ2CZA	X	7,198.8	42.6	0.35	7,518.2	368.1	3.18
P6CLQJ		7,350.6	194.4	1.58	7,359.3	209.2	1.81
PMPF77	*	6,826.0	-330.2	-2.69	6,908.0	-242.1	-2.09
PN4VNE		7,280.7	124.5	1.01	7,263.3	113.2	0.98
PZDDFG		7,114.0	-42.2	-0.34	7,160.8	10.7	0.09
Q2RYPJ		7,175.2	19.0	0.16	7,147.8	-2.3	-0.02
QA2M4H		7,051.4	-104.8	-0.85	7,038.4	-111.7	-0.97
RKF3PG		7,035.4	-120.8	-0.98	7,073.0	-77.1	-0.67
RYGN4Y		7,024.8	-131.4	-1.07	7,023.2	-126.9	-1.10
T6J8QV	*	7,119.7	-36.5	-0.30	7,009.8	-140.3	-1.21
TC3BVC		7,243.4	87.2	0.71	7,173.2	23.1	0.20
TDALU2		7,282.1	125.9	1.03	7,263.6	113.5	0.98
TTM2UC		7,284.8	128.6	1.05	7,244.6	94.5	0.82
TTMBFG		6,972.0	-184.2	-1.50	7,012.0	-138.1	-1.19
UEJ42C		7,142.9	-13.3	-0.11	7,151.4	1.3	0.01
UFBZP6		7,033.2	-123.0	-1.00	7,060.8	-89.3	-0.77
UN8T7C		7,118.5	-37.7	-0.31	7,127.2	-22.9	-0.20
UVAX33		7,190.9	34.8	0.28	7,186.5	36.4	0.31
UZ6P9D		7,123.7	-32.4	-0.26	7,151.6	1.5	0.01
W3FTKZ		7,195.3	39.2	0.32	7,207.3	57.2	0.49
WGH2PA		7,040.4	-115.8	-0.94	6,993.0	-157.1	-1.36
X8BWX6		7,152.7	-3.5	-0.03	7,167.6	17.6	0.15
XHU7NJ		7,193.9	37.8	0.31	7,193.9	43.8	0.38
XMLBGM		7,106.9	-49.3	-0.40	7,077.9	-72.2	-0.62
XVWVHY		7,216.0	59.8	0.49	7,230.0	79.9	0.69
Y7A7JA		7,408.6	252.4	2.06	7,359.6	209.5	1.81
YHNGV7		7,207.4	51.2	0.42	7,178.4	28.3	0.24
YJCX3T	X	6,865.6	-290.6	-2.37	7,137.9	-12.1	-0.10
YL94V7		6,986.0	-170.2	-1.39	6,980.0	-170.1	-1.47
YNR6QT		7,202.1	45.9	0.37	7,225.0	74.9	0.65

Summary Statistics	Sample F95	Sample F96
Grand Means	7,156.18 psi	7,150.09 psi
Stnd Dev Btwn Labs	122.67 psi	115.65 psi

Statistics based on 65 of 70 reporting participants

Sample F95: ABS/PC & Sample F96: ABS/PC

Comments on Assigned Data Flags for Test #704

2UU43U (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

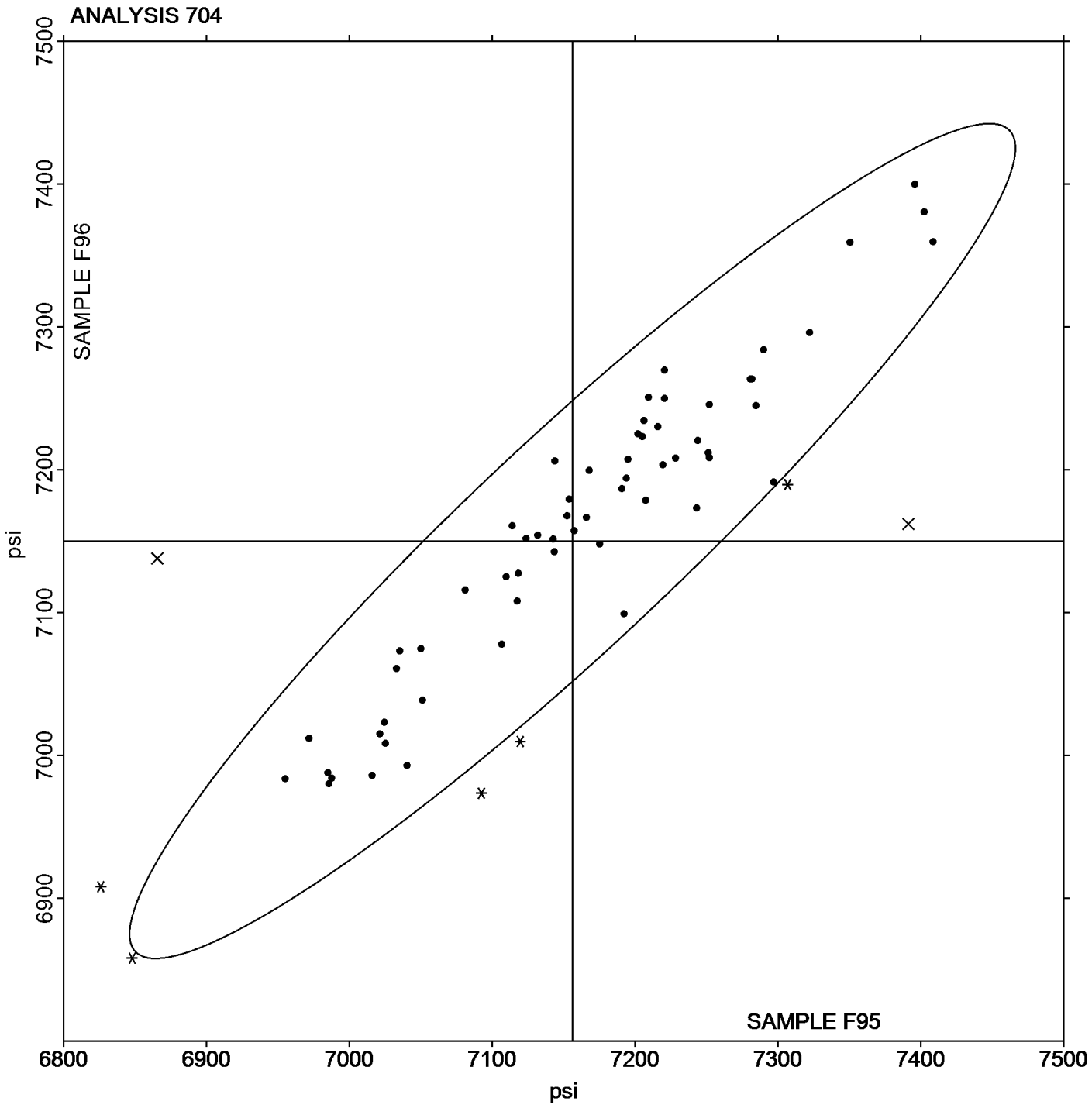
NZ2CZA (X) - Data for sample F96 are high.

YJCX3T (X) - Inconsistent in testing between samples.

2ZED2Q (X) - Data for both samples are low. Inconsistent within the determinations of sample F96.

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

Grand Mean Sample F95: 7,156.18 psi Grand Mean Sample F96: 7,150.09 psi



WebCode	Data Flag	Sample F95 Lab Mean	Sample F95 Diff from Grand Mean	Sample F95 CPV	Sample F96 Lab Mean	Sample F96 Diff from Grand Mean	Sample F96 CPV
2UU43U		7,037.3	475.7	1.54	7,298.4	742.8	2.46
2ZED2Q		6,400.0	-161.6	-0.52	6,720.0	164.4	0.54
4MGUX6		6,437.6	-124.0	-0.40	6,580.8	25.2	0.08
7Z2BGM		6,524.2	-37.4	-0.12	6,533.6	-22.0	-0.07
837C6Q		6,431.4	-130.2	-0.42	6,417.8	-137.8	-0.46
83QPVN		6,601.9	40.3	0.13	7,068.3	512.7	1.70
87LJTP		6,723.6	162.0	0.52	6,972.4	416.8	1.38
8MCNWD		6,786.4	224.8	0.73	6,625.4	69.8	0.23
8YLDPM		6,720.4	158.8	0.51	6,360.6	-195.0	-0.65
9PEVQP		6,289.8	-271.8	-0.88	5,896.6	-659.0	-2.18
ADGMBJ		6,480.0	-81.6	-0.26	6,350.0	-205.6	-0.68
AXL96Y		7,023.7	462.2	1.49	7,037.0	481.4	1.60
B9J48Z		6,371.0	-190.6	-0.62	6,341.6	-214.0	-0.71
BCW9EU		6,373.6	-188.0	-0.61	6,346.0	-209.6	-0.69
C74D7U		5,909.2	-652.4	-2.11	5,893.4	-662.2	-2.19
CCDTFJ		6,445.5	-116.0	-0.37	6,387.5	-168.1	-0.56
DJ9WHU		6,886.9	325.3	1.05	6,386.8	-168.8	-0.56
EJR6WG		6,866.1	304.6	0.98	6,515.2	-40.5	-0.13
GJ2UAD		6,761.4	199.9	0.65	6,294.1	-261.5	-0.87
GK99GJ		6,676.8	115.2	0.37	6,387.6	-168.0	-0.56
HT2XML		6,666.4	104.8	0.34	6,476.6	-79.0	-0.26
HW6EBH		7,151.0	589.4	1.90	6,699.6	144.0	0.48
JW2ENM		6,103.6	-458.0	-1.48	6,146.1	-409.5	-1.36
JY68FZ		6,348.8	-212.8	-0.69	6,589.8	34.2	0.11
K7HH9R		6,135.1	-426.4	-1.38	6,581.9	26.3	0.09
KNHEHA		6,920.9	359.3	1.16	7,134.7	579.1	1.92
KYKTP2		6,312.4	-249.2	-0.81	6,355.8	-199.8	-0.66
L7FBGJ		6,464.8	-96.8	-0.31	6,755.8	200.2	0.66
MVDAGK		6,394.5	-167.1	-0.54	6,317.9	-237.7	-0.79
MXZTHH		6,398.5	-163.1	-0.53	6,791.6	236.0	0.78
N42K6K		6,595.6	34.0	0.11	6,702.8	147.2	0.49
NATUEH		6,191.6	-369.9	-1.20	6,329.0	-226.6	-0.75
NBKQ4C		6,384.0	-177.6	-0.57	6,548.0	-7.6	-0.03
NZ2CZA	*	5,950.8	-610.8	-1.97	6,679.4	123.8	0.41
P6CLQJ		6,898.1	336.5	1.09	6,477.4	-78.2	-0.26

WebCode	Data Flag	Sample F95 Lab Mean	Sample F95 Diff from Grand Mean	Sample F95 CPV	Sample F96 Lab Mean	Sample F96 Diff from Grand Mean	Sample F96 CPV
PMPF77		7,198.0	636.4	2.06	7,240.0	684.4	2.27
PN4VNE		6,851.9	290.4	0.94	6,887.6	332.0	1.10
PZDDFG		6,832.8	271.2	0.88	6,410.0	-145.6	-0.48
Q2RYPJ		6,423.0	-138.6	-0.45	6,474.8	-80.8	-0.27
QA2M4H		6,175.0	-386.6	-1.25	6,305.2	-250.4	-0.83
RKF3PG		6,439.6	-122.0	-0.39	6,943.8	388.2	1.29
RYGN4Y		6,263.6	-298.0	-0.96	6,110.0	-445.6	-1.48
T6J8QV		6,887.4	325.8	1.05	6,939.1	383.5	1.27
TC3BVC		6,524.2	-37.4	-0.12	6,403.6	-152.0	-0.50
TDALU2		7,209.3	647.7	2.09	7,026.8	471.2	1.56
TTM2UC		6,527.0	-34.6	-0.11	6,402.6	-153.0	-0.51
TTMBFG		6,802.0	240.4	0.78	6,704.0	148.4	0.49
UEJ42C		6,575.9	14.4	0.05	6,802.4	246.8	0.82
UFBZP6		6,224.5	-337.0	-1.09	6,244.4	-311.2	-1.03
UN8T7C		6,338.2	-223.4	-0.72	6,323.7	-231.9	-0.77
UVAX33		6,737.8	176.2	0.57	7,000.9	445.3	1.48
UZ6P9D		6,645.1	83.5	0.27	6,479.2	-76.4	-0.25
W3FTKZ	*	7,315.3	753.7	2.44	6,614.4	58.8	0.19
X8BWX6		6,469.8	-91.8	-0.30	6,597.3	41.6	0.14
XHU7NJ		6,526.8	-34.8	-0.11	6,468.7	-86.9	-0.29
XMLBGM		6,816.8	255.3	0.82	6,584.8	29.2	0.10
XVWVHY		6,472.0	-89.6	-0.29	6,430.0	-125.6	-0.42
Y7A7JA		6,624.4	62.8	0.20	6,585.6	30.0	0.10
YHNGV7		6,276.2	-285.4	-0.92	6,103.2	-452.4	-1.50
YJCX3T		6,216.7	-344.9	-1.11	6,512.3	-43.4	-0.14
YNR6QT		6,219.6	-342.0	-1.11	6,298.2	-257.4	-0.85

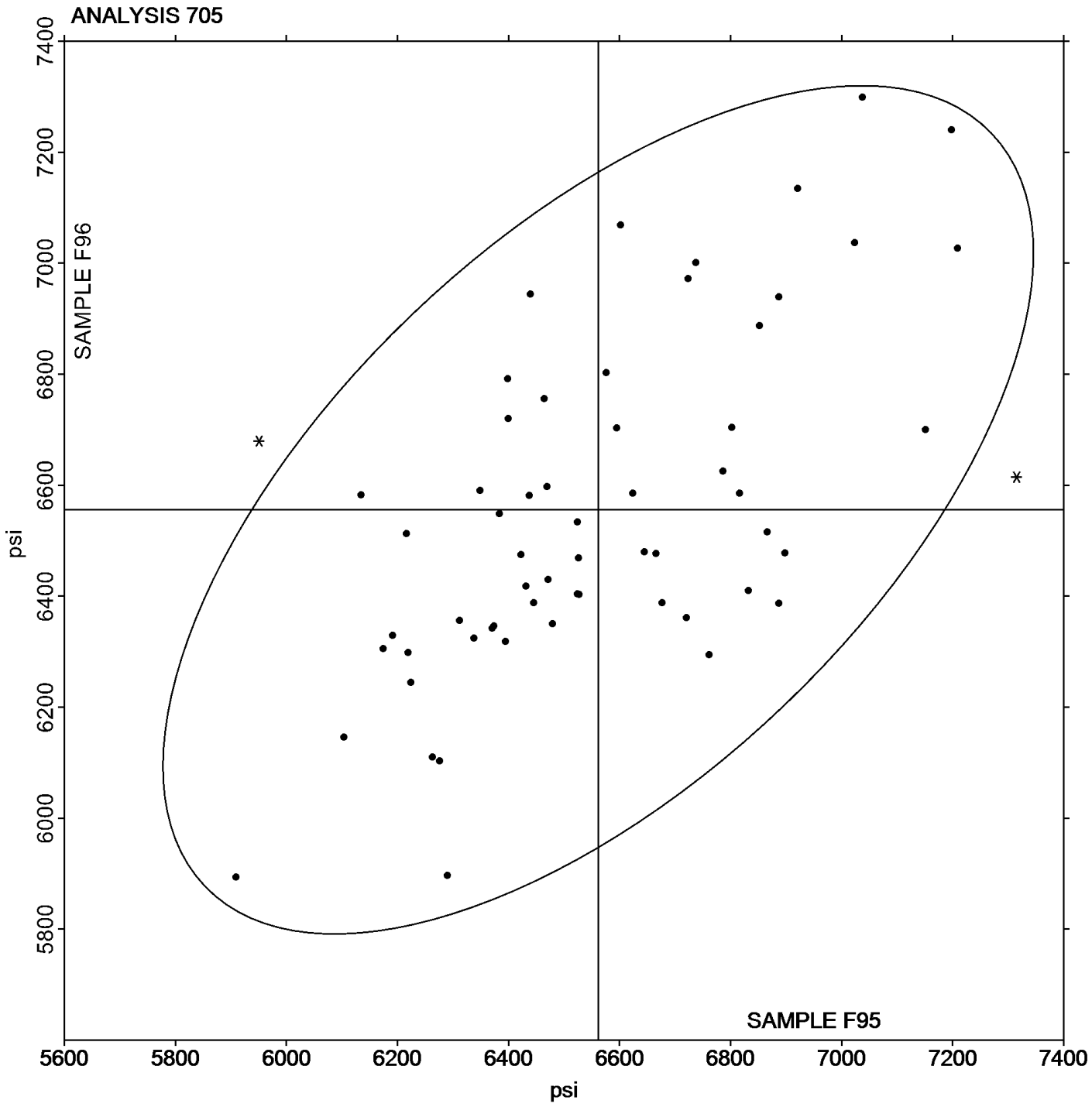
Summary Statistics

	Sample F95	Sample F96
Grand Means	6,561.57 psi	6,555.61 psi
Stnd Dev Btwn Labs	309.51 psi	301.75 psi

Statistics based on 61 of 61 reporting participants

Sample F95: ABS/PC & Sample F96: ABS/PC

Grand Mean Sample F95: 6,561.57 psi Grand Mean Sample F96: 6,555.61 psi



WebCode	Data Flag	Sample F95 Lab Mean	Sample F95 Diff from Grand Mean	Sample F95 CPV	Sample F96 Lab Mean	Sample F96 Diff from Grand Mean	Sample F96 CPV
2UU43U	*	5.010	0.387	2.57	4.730	0.098	0.80
2ZED2Q	X	1.760	-2.863	-18.96	1.800	-2.832	-23.26
4MGUX6		4.634	0.011	0.08	4.560	-0.072	-0.59
7Z2BGM		4.568	-0.055	-0.36	4.546	-0.086	-0.71
837C6Q		4.602	-0.021	-0.14	4.628	-0.004	-0.04
83QPVN		4.712	0.089	0.59	4.662	0.030	0.24
87LJTP	X	2.883	-1.740	-11.52	4.622	-0.010	-0.09
8MCNWD		4.576	-0.047	-0.31	4.660	0.028	0.23
8YLDPM		4.785	0.162	1.07	4.642	0.010	0.08
9PEVQP	*	4.246	-0.377	-2.49	4.304	-0.328	-2.70
ADGMBJ		4.446	-0.177	-1.17	4.520	-0.112	-0.92
AXL96Y		4.701	0.078	0.52	4.630	-0.003	-0.02
B9J48Z	X	4.044	-0.579	-3.83	4.350	-0.282	-2.32
BCW9EU		4.632	0.009	0.06	4.670	0.038	0.31
C4JCC9		4.782	0.159	1.06	4.728	0.096	0.78
C74D7U	X	2.458	-2.165	-14.34	2.476	-2.156	-17.71
CCDTFJ		4.576	-0.047	-0.31	4.614	-0.018	-0.15
DJ9WHU		4.724	0.101	0.67	4.808	0.176	1.44
FGFRRK		4.842	0.219	1.45	4.751	0.118	0.97
GJ2UAD		4.508	-0.115	-0.76	4.606	-0.026	-0.22
GK99GJ		4.554	-0.069	-0.45	4.684	0.052	0.42
HT2XML	*	4.906	0.283	1.88	5.000	0.368	3.02
HW6EBH		4.576	-0.047	-0.31	4.570	-0.062	-0.51
JW2ENM		4.660	0.037	0.25	4.642	0.010	0.08
JY68FZ	*	4.780	0.157	1.04	4.430	-0.202	-1.66
K7HH9R		4.538	-0.085	-0.56	4.572	-0.060	-0.50
KNHEHA		4.582	-0.041	-0.27	4.802	0.170	1.39
KYKTP2		4.506	-0.117	-0.77	4.454	-0.178	-1.47
L7FBGJ		4.470	-0.153	-1.01	4.696	0.064	0.52
LVXKTL		4.456	-0.167	-1.10	4.612	-0.021	-0.17
MVDAGK		4.488	-0.135	-0.89	4.476	-0.156	-1.28
MXZTHH		4.562	-0.061	-0.40	4.580	-0.052	-0.43
N42K6K		4.678	0.055	0.37	4.628	-0.004	-0.04
NBKQ4C		4.420	-0.203	-1.34	4.580	-0.052	-0.43
P6CLQJ		4.680	0.057	0.38	4.660	0.028	0.23

WebCode	Data Flag	Sample F95 Lab Mean	Sample F95 Diff from Grand Mean	Sample F95 CPV	Sample F96 Lab Mean	Sample F96 Diff from Grand Mean	Sample F96 CPV
PMPF77	X	31.840	27.217	180.27	30.040	25.408	208.67
PZDDFG		4.710	0.087	0.58	4.582	-0.050	-0.41
Q2RYPJ		4.632	0.009	0.06	4.614	-0.018	-0.15
QA2M4H		4.378	-0.245	-1.62	4.560	-0.072	-0.59
RKF3PG	X	6.574	1.951	12.92	2.284	-2.348	-19.29
RYGN4Y	X	4.524	-0.099	-0.65	5.170	0.538	4.41
T6J8QV		4.922	0.299	1.98	4.788	0.156	1.28
TC3BVC	X	5.224	0.601	3.98	5.138	0.506	4.15
TDALU2		4.576	-0.047	-0.31	4.608	-0.024	-0.20
TTM2UC		4.558	-0.065	-0.43	4.522	-0.110	-0.91
UEJ42C		4.640	0.017	0.12	4.680	0.048	0.39
UFBZP6		4.640	0.017	0.12	4.560	-0.072	-0.59
UN8T7C		4.780	0.157	1.04	4.800	0.168	1.38
UVAX33	X	5.362	0.739	4.90	4.734	0.102	0.83
UZ6P9D	X	4.118	-0.505	-3.34	4.048	-0.584	-4.80
W3FTKZ	X	3.399	-1.223	-8.10	2.984	-1.648	-13.54
X8BWX6		4.640	0.017	0.11	4.686	0.054	0.44
XHU7NJ		4.702	0.079	0.53	4.726	0.094	0.77
XMLBGM	X	85.510	80.887	535.74	79.294	74.662	613.19
XVWVHY		4.772	0.149	0.99	4.714	0.082	0.67
YHNGV7		4.706	0.083	0.55	4.614	-0.018	-0.15
YJCX3T	*	4.576	-0.047	-0.31	4.864	0.232	1.90
YL94V7		4.340	-0.283	-1.87	4.478	-0.154	-1.27
YNR6QT		4.490	-0.133	-0.88	4.484	-0.148	-1.22

Summary Statistics

	Sample F95	Sample F96
Grand Means	4.6226 Percent	4.6324 Percent
Stnd Dev Btwn Labs	0.1510 Percent	0.1218 Percent

Statistics based on 47 of 59 reporting participants

Sample F95: ABS/PC & Sample F96: ABS/PC

Comments on Assigned Data Flags for Test #706

XMLBGM (X) - Extreme data.

UZ6P9D (X) - Data for both samples are low.

RKF3PG (X) - Data for sample F95 are high and data for sample F96 are low. Inconsistent within the determinations of sample F95.

B9J48Z (X) - Data for sample F95 are low. Inconsistent within the determinations of sample F95.

UVAX33 (X) - Data for sample F95 are high. Inconsistent within the determinations of sample F95.

87LJTP (X) - Data for sample F95 are low.

TC3BVC (X) - Data for both samples are high.

C74D7U (X) - Data for both samples are low.

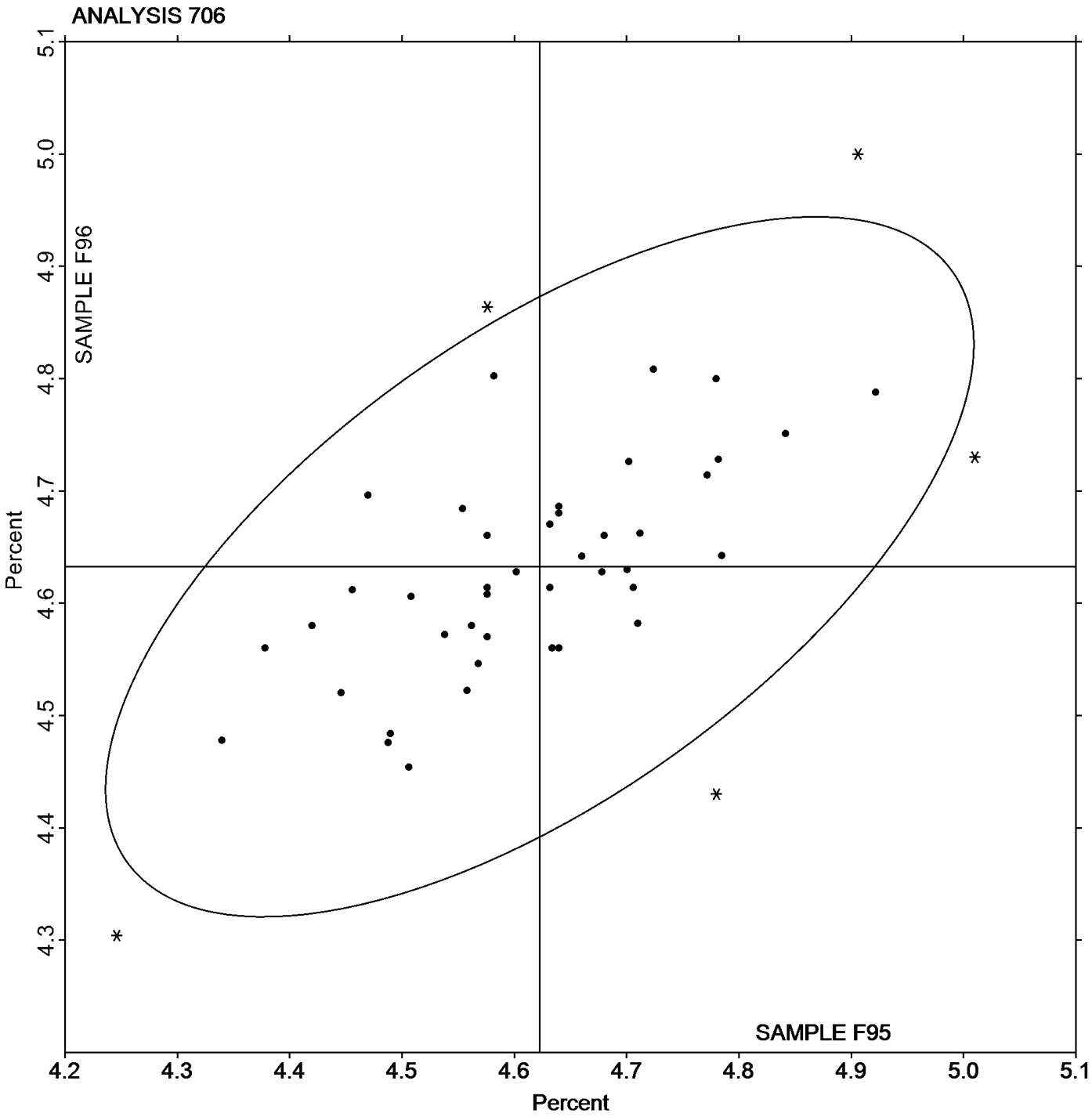
2ZED2Q (X) - Extreme data.

RYGN4Y (X) - Data for sample F96 are high.

W3FTKZ (X) - Data for both samples are low. Inconsistent within the determinations of both samples.

PMPF77 (X) - Extreme data.

Grand Mean Sample F95: 4.6226 Percent Grand Mean Sample F96: 4.6324 Percent



WebCode	Data Flag	Sample F95 Lab Mean	Sample F95 Diff from Grand Mean	Sample F95 CPV	Sample F96 Lab Mean	Sample F96 Diff from Grand Mean	Sample F96 CPV
2UU43U		304.87	-17.14	-1.40	299.94	-21.45	-1.69
2ZED2Q		318.00	-4.01	-0.33	316.20	-5.19	-0.41
4MGUX6		294.37	-27.64	-2.26	294.02	-27.37	-2.16
7Z2BGM		320.81	-1.20	-0.10	329.80	8.41	0.66
837C6Q		326.02	4.01	0.33	317.42	-3.97	-0.31
83QPVN		327.48	5.47	0.45	333.68	12.29	0.97
87LJTP	X	566.93	244.92	20.05	338.68	17.29	1.36
8MCNWD		324.13	2.12	0.17	320.19	-1.20	-0.09
8YLDPM		325.70	3.69	0.30	321.26	-0.13	-0.01
9PEVQP		334.30	12.29	1.01	324.52	3.13	0.25
ADGMBJ		313.60	-8.41	-0.69	313.80	-7.59	-0.60
AXL96Y		313.01	-9.00	-0.74	317.59	-3.80	-0.30
B9J48Z	X	368.78	46.77	3.83	348.66	27.27	2.15
BCW9EU		301.80	-20.21	-1.65	308.50	-12.88	-1.02
C4JCC9		326.68	4.67	0.38	329.74	8.35	0.66
C74D7U		341.80	19.79	1.62	340.80	19.41	1.53
CCDTFJ		311.51	-10.49	-0.86	309.98	-11.41	-0.90
DJ9WHU		318.19	-3.82	-0.31	322.85	1.46	0.12
FGFRRK		317.17	-4.84	-0.40	316.06	-5.33	-0.42
GJ2UAD		324.89	2.88	0.24	323.19	1.80	0.14
GK99GJ		297.48	-24.53	-2.01	302.42	-18.97	-1.50
HT2XML		308.66	-13.35	-1.09	310.40	-10.99	-0.87
HW6EBH		331.46	9.45	0.77	331.08	9.69	0.76
JW2ENM		314.22	-7.79	-0.64	306.28	-15.11	-1.19
JY68FZ		334.24	12.23	1.00	331.10	9.71	0.77
K7HH9R		335.91	13.90	1.14	334.75	13.36	1.05
KNHEHA		302.63	-19.38	-1.59	303.88	-17.51	-1.38
KYKTP2		332.34	10.33	0.85	333.80	12.41	0.98
L7FBGJ		339.76	17.75	1.45	331.12	9.73	0.77
LVXKTL		337.88	15.87	1.30	342.60	21.21	1.67
MVDAGK		325.87	3.87	0.32	324.39	3.01	0.24
MXZTHH	X	279.40	-42.61	-3.49	272.80	-48.59	-3.83
N42K6K		336.20	14.19	1.16	337.16	15.77	1.24
NBKQ4C		326.00	3.99	0.33	317.40	-3.99	-0.31
P6CLQJ		315.60	-6.40	-0.52	314.15	-7.23	-0.57

WebCode	Data Flag	Sample F95 Lab Mean	Sample F95 Diff from Grand Mean	Sample F95 CPV	Sample F96 Lab Mean	Sample F96 Diff from Grand Mean	Sample F96 CPV
PMPF77	X	347.60	25.59	2.09	300.00	-21.39	-1.69
PZDDFG		320.31	-1.70	-0.14	321.46	0.07	0.01
Q2RYPJ		304.14	-17.87	-1.46	305.98	-15.41	-1.22
QA2M4H		320.94	-1.07	-0.09	321.04	-0.35	-0.03
RKF3PG	X	130.20	-191.81	-15.70	368.40	47.01	3.71
RYGN4Y		327.86	5.85	0.48	322.34	0.95	0.07
T6J8QV		327.61	5.60	0.46	324.83	3.44	0.27
TDALU2		333.42	11.41	0.93	333.00	11.61	0.92
TTM2UC		309.60	-12.41	-1.02	302.54	-18.85	-1.49
TTMBFG	X	255.00	-67.01	-5.48	269.00	-52.39	-4.13
UEJ42C		315.04	-6.97	-0.57	313.26	-8.13	-0.64
UFBZP6		330.69	8.68	0.71	337.09	15.70	1.24
UN8T7C		315.89	-6.11	-0.50	307.77	-13.62	-1.07
UVAX33		322.57	0.56	0.05	328.52	7.13	0.56
UZ6P9D		325.64	3.63	0.30	333.07	11.68	0.92
XHU7NJ		328.46	6.46	0.53	330.62	9.23	0.73
XMLBGM	*	350.12	28.12	2.30	340.96	19.57	1.54
XVWVHY		313.80	-8.21	-0.67	314.20	-7.19	-0.57
YHNGV7		302.34	-19.67	-1.61	301.34	-20.05	-1.58
YJCX3T		322.55	0.54	0.04	311.65	-9.74	-0.77
YL94V7		332.92	10.91	0.89	332.72	11.33	0.89
YNR6QT	*	335.91	13.90	1.14	348.38	26.99	2.13

Summary Statistics

	Sample F95	Sample F96
Grand Means	322.008 ksi	321.389 ksi
Stnd Dev Btwn Labs	12.217 ksi	12.680 ksi

Statistics based on 51 of 57 reporting participants

Sample F95: ABS/PC & Sample F96: ABS/PC

Comments on Assigned Data Flags for Test #708

RKF3PG (X) - Data for sample F95 are low and data for sample F96 are high. Inconsistent in testing between samples. Inconsistent within the determinations of sample F96.

B9J48Z (X) - Data for sample F95 are high. Inconsistent within the determinations of sample F95.

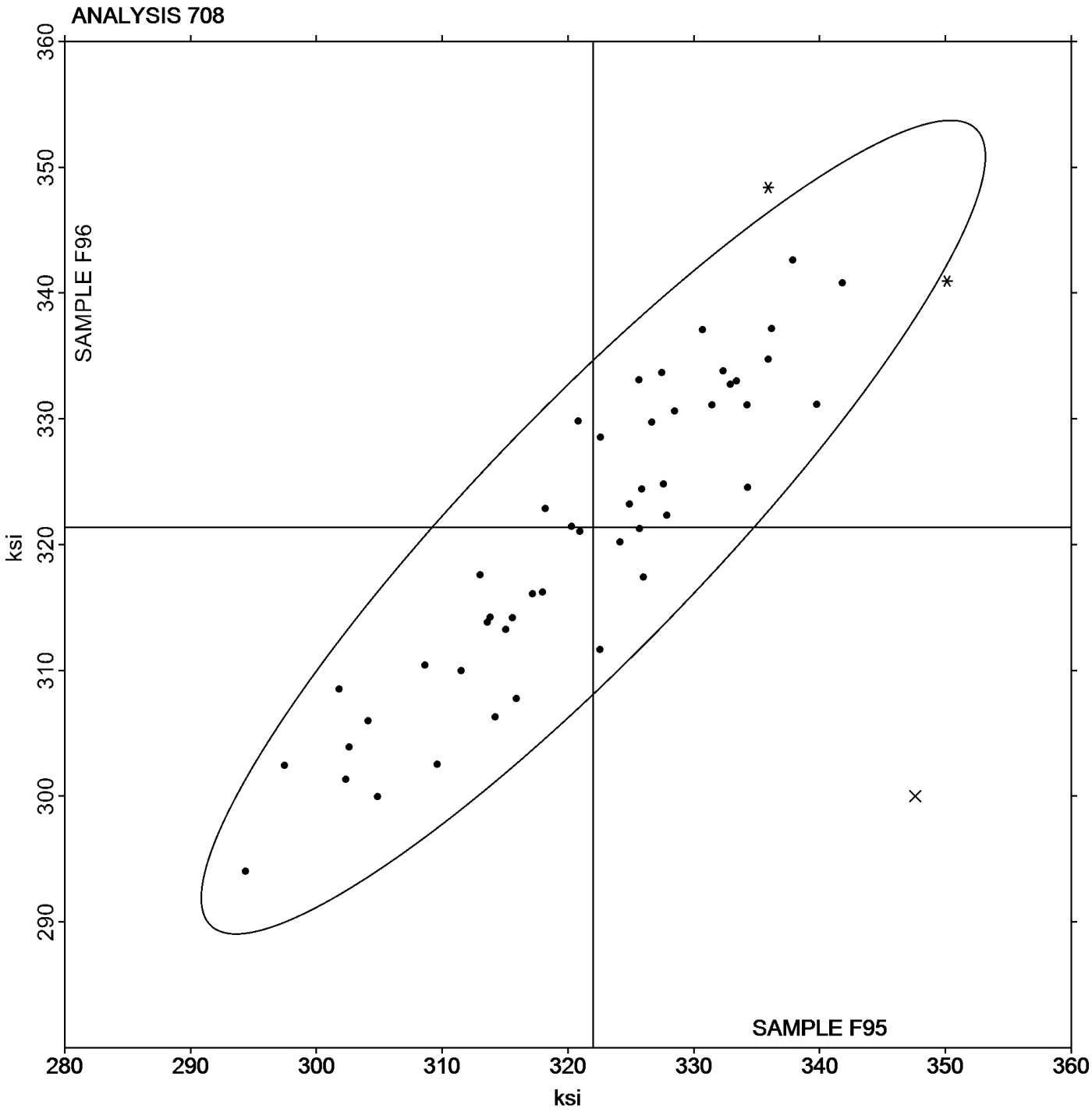
87LJTP (X) - Data for sample F95 are high. Inconsistent within the determinations of sample F95.

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

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

PMPF77 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

Grand Mean Sample F95: 322.01 ksi Grand Mean Sample F96: 321.39 ksi



WebCode	Data Flag	Sample E95 Lab Mean	Sample E95 Diff from Grand Mean	Sample E95 CPV	Sample E96 Lab Mean	Sample E96 Diff from Grand Mean	Sample E96 CPV	Instr Code
87LJTP		83.03	1.08	0.98	83.03	0.92	0.93	CE
8MCNWD		80.87	-1.08	-0.98	80.84	-1.26	-1.27	TO
9PEVQP		82.88	0.93	0.84	83.08	0.97	0.98	IN
ADGMBJ		81.83	-0.12	-0.11	82.45	0.35	0.35	XA
BCW9EU		83.13	1.18	1.07	83.05	0.95	0.96	CE
CV6TR9		80.75	-1.20	-1.09	81.33	-0.78	-0.79	IN
EJR6WG		82.50	0.55	0.50	82.88	0.77	0.78	IN
F8Q4UW	X	88.05	6.10	5.56	88.18	6.07	6.13	CE
GJ2UAD		82.15	0.20	0.18	81.85	-0.25	-0.26	TY
HW6EBH		82.65	0.70	0.64	82.73	0.62	0.63	IN
J2AVWB		81.88	-0.07	-0.07	81.78	-0.33	-0.33	TO
L7FBGJ		82.25	0.30	0.27	82.25	0.15	0.15	IN
LVH8DP		81.43	-0.52	-0.48	81.55	-0.55	-0.56	CE
NATUEH		82.35	0.40	0.37	82.58	0.47	0.48	TO
NBKQ4C		81.15	-0.80	-0.73	80.95	-1.15	-1.17	TO
P6CLQJ		82.80	0.85	0.78	82.85	0.75	0.75	IN
PN4VNE		81.00	-0.95	-0.86	81.75	-0.35	-0.36	TO
QA2M4H		79.95	-2.00	-1.82	80.38	-1.73	-1.75	TO
T6J8QV		80.40	-1.55	-1.41	81.40	-0.70	-0.71	CE
TC3BVC		84.40	2.45	2.23	84.50	2.40	2.42	XX
TDALU2		81.88	-0.07	-0.07	81.75	-0.35	-0.36	TY
ULGTK2		82.93	0.98	0.89	82.93	0.82	0.83	IN
UQTPE3		82.93	0.99	0.90	82.77	0.66	0.67	CF
UZ6P9D		82.65	0.70	0.64	82.60	0.50	0.50	IN
XMLBGM		80.25	-1.70	-1.55	80.65	-1.45	-1.47	TO
YL94V7		80.70	-1.25	-1.14	80.70	-1.40	-1.42	TO

Summary Statistics

	Sample E95	Sample E96
Grand Means	81.948 Degrees C	82.103 Degrees C
Stnd Dev Btwn Labs	1.097 Degrees C	0.990 Degrees C

Statistics based on 25 of 26 reporting participants

Sample E95: ABS & Sample E96: ABS

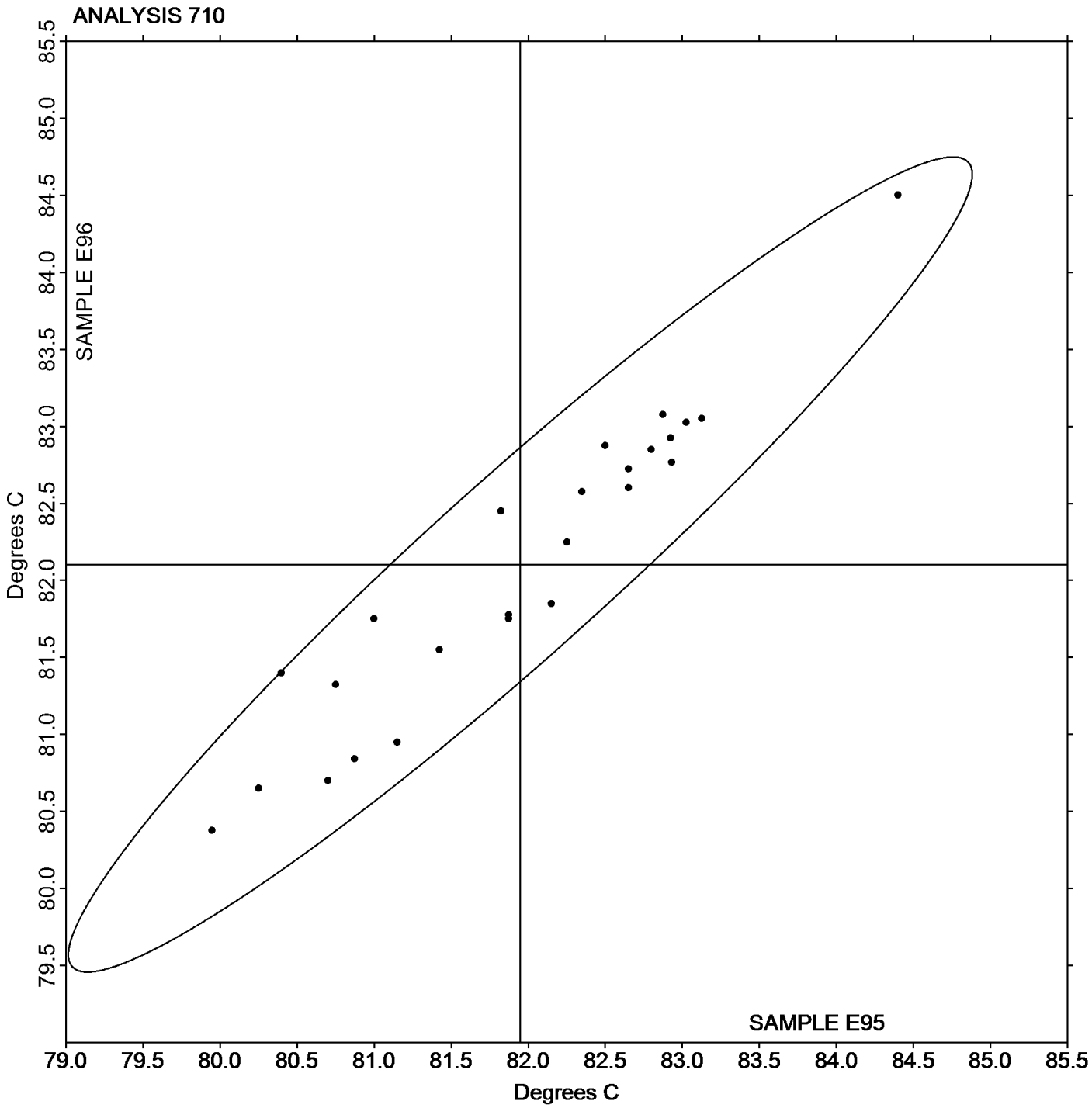
Comments on Assigned Data Flags for Test #710

F8Q4UW (X) - Data for both samples are high. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

CE	Ceast	CF	Coesfeld
IN	Instron	TO	Tinius Olsen
TY	Toyoseiki	XA	Special In-House Instrument
XX	Instrument manufacturer not specified by lab		

Grand Mean Sample E95: 81.948 Degrees C Grand Mean Sample E96: 82.103 Degrees C



WebCode	Data Flag	Sample G95 Lab Mean	Sample G95 Diff from Grand Mean	Sample G95 CPV	Sample G96 Lab Mean	Sample G96 Diff from Grand Mean	Sample G96 CPV	Instr Code
4MGUX6		111.8	2.0	0.80	115.6	5.3	2.22	RR
9ZAANZ		110.6	0.8	0.33	109.2	-1.0	-0.43	IN
F8Q4UW		111.8	2.0	0.80	111.7	1.5	0.61	CE
HMVAZC		108.3	-1.5	-0.59	108.5	-1.8	-0.73	XX
LVH8DP		109.4	-0.4	-0.16	110.4	0.1	0.06	CE
NATUEH		114.9	5.1	2.01	113.0	2.7	1.13	TO
NBKQ4C		112.8	3.1	1.20	113.1	2.9	1.20	TO
NGNWGU		108.5	-1.3	-0.49	107.3	-3.0	-1.25	XX
P6CLQJ		108.1	-1.7	-0.65	109.7	-0.6	-0.24	IN
PN4VNE		110.3	0.5	0.21	108.2	-2.1	-0.88	TO
T6J8QV		110.7	0.9	0.37	110.6	0.4	0.16	CE
ULGTK2		105.4	-4.4	-1.72	107.4	-2.9	-1.19	IN
UVAX33		108.7	-1.1	-0.42	110.1	-0.1	-0.05	IN
UZ6P9D		109.7	-0.1	-0.03	111.4	1.1	0.48	IN
YL94V7		105.5	-4.2	-1.66	107.7	-2.6	-1.08	TO

Summary Statistics

	Sample G95	Sample G96
Grand Means	109.76 Degrees C	110.25 Degrees C
Stnd Dev Btwn Labs	2.55 Degrees C	2.39 Degrees C

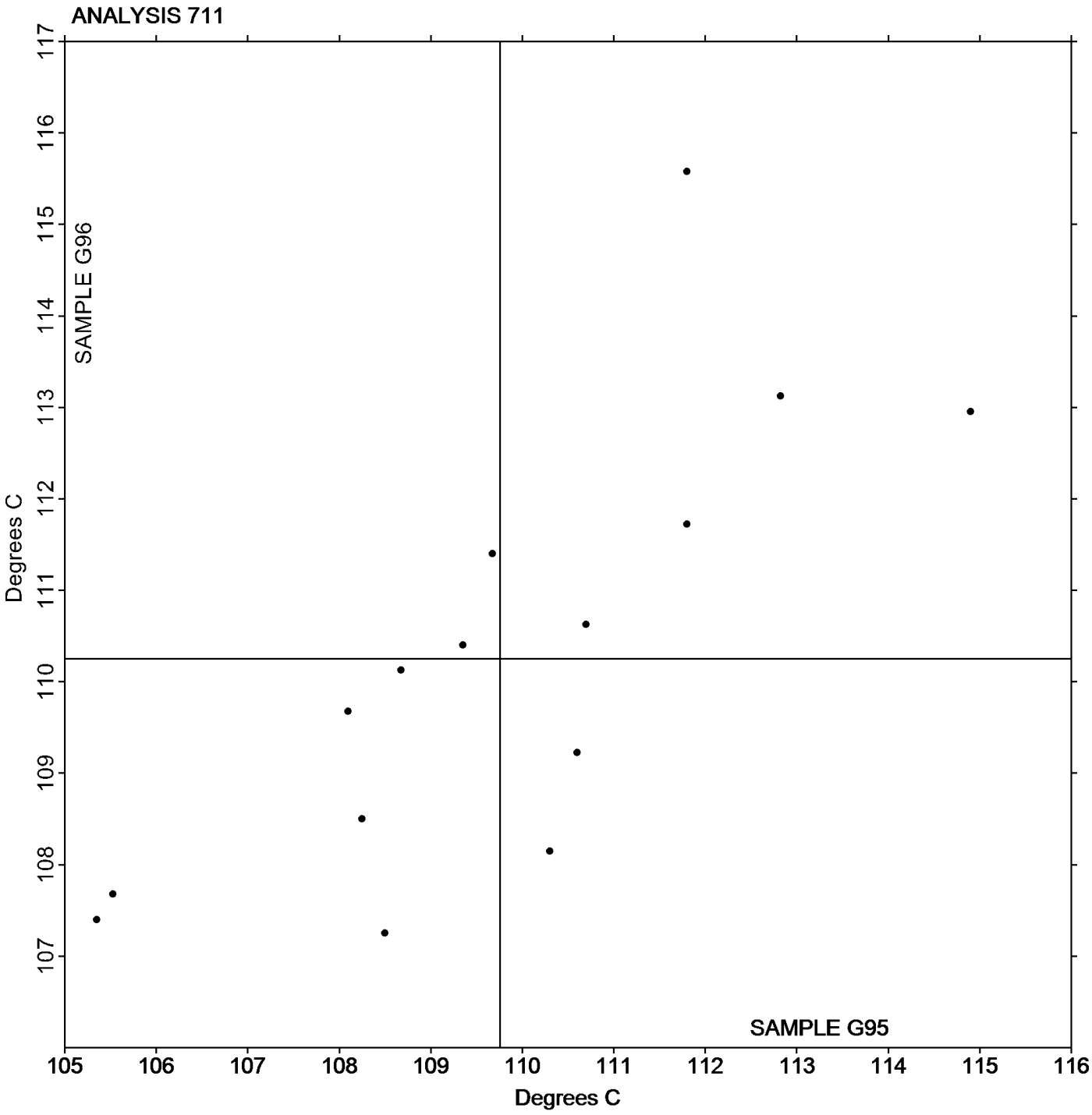
Statistics based on 15 of 15 reporting participants

Sample G95: PP & Sample G96: PP

Key to Instrument Codes Reported by Participants

CE Ceast
IN Instron
RR Ray-Ran
TO Tinius Olsen
XX Instrument manufacturer not specified by lab

Grand Mean Sample G95: 109.76 Degrees C Grand Mean Sample G96: 110.25 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 N95 Lab Mean	Sample N95 Diff from Grand Mean	Sample N95 CPV	Sample N96 Lab Mean	Sample N96 Diff from Grand Mean	Sample N96 CPV	Instr Code
7JWUJ2		75.68	-1.25	-1.78	75.55	-1.34	-2.02	TO
87LJTP		77.25	0.32	0.46	77.23	0.34	0.51	CE
8G2MPN		76.50	-0.43	-0.61	76.65	-0.24	-0.36	XX
9BFZJP		77.25	0.32	0.46	77.03	0.14	0.21	IN
9PEVQP		77.35	0.42	0.60	77.38	0.49	0.74	IN
B8R8H7		75.85	-1.08	-1.53	75.90	-0.99	-1.49	TO
CNN46U		77.34	0.41	0.58	77.09	0.20	0.30	ZW
D99B49		75.95	-0.98	-1.39	76.25	-0.64	-0.96	TO
EG24N8		76.53	-0.40	-0.57	76.43	-0.46	-0.70	TO
F8Q4UW	*	75.08	-1.85	-2.63	75.18	-1.71	-2.58	CE
FDFGVK		76.93	0.00	-0.01	76.73	-0.16	-0.24	TY
GE8WJ2		77.40	0.47	0.67	77.23	0.34	0.51	IN
GJ2UAD		77.18	0.25	0.35	77.15	0.26	0.40	TY
HMVAZC		77.85	0.92	1.31	77.68	0.79	1.19	XX
JTWNEL		77.40	0.47	0.67	77.23	0.34	0.51	IN
K7HH9R		77.05	0.12	0.17	77.00	0.11	0.17	CE
L6LBEE		76.55	-0.38	-0.54	76.58	-0.31	-0.47	IN
L7FBGJ	X	76.23	-0.70	-1.00	75.33	-1.56	-2.36	IN
LVH8DP		76.38	-0.55	-0.79	76.55	-0.34	-0.51	CE
MNR4W7		77.50	0.57	0.81	77.37	0.48	0.72	CE
N9D96G		76.13	-0.80	-1.14	76.13	-0.76	-1.15	TO
NA82ZZ		77.07	0.14	0.20	77.10	0.21	0.32	IN
NBKQ4C	X	76.23	-0.70	-1.00	77.28	0.39	0.58	TO
NGNWGU		77.45	0.52	0.74	77.30	0.41	0.62	XX
P6CLQJ		77.63	0.70	0.99	77.40	0.51	0.77	IN
PN4VNE		76.25	-0.68	-0.96	76.33	-0.56	-0.85	TO
PTGD7V		77.49	0.56	0.79	77.49	0.60	0.91	ZW
PUM8EZ		76.98	0.05	0.07	77.08	0.19	0.28	XX
R6M8DQ		76.65	-0.28	-0.40	76.43	-0.46	-0.70	CE
T6J8QV	X	74.88	-2.05	-2.92	75.60	-1.29	-1.94	CE
T9HJLV		76.60	-0.33	-0.47	76.58	-0.31	-0.47	TO
TC3BVC	*	78.30	1.37	1.95	78.43	1.54	2.32	XX
TDALU2		77.23	0.30	0.42	76.83	-0.06	-0.09	TY
UQTPE3		77.13	0.20	0.29	77.13	0.25	0.37	CF
UVAX33		77.13	0.20	0.28	77.05	0.16	0.25	IN

WebCode	Data Flag	Sample N95 Lab Mean	Sample N95 Diff from Grand Mean	Sample N95 CPV	Sample N96 Lab Mean	Sample N96 Diff from Grand Mean	Sample N96 CPV	Instr Code
UZ6P9D		77.40	0.47	0.67	77.33	0.44	0.66	IN
V9U2GC		76.40	-0.53	-0.75	76.60	-0.29	-0.43	CE
WC7DND		75.40	-1.53	-2.17	75.40	-1.49	-2.24	TO
WPCFE2		77.40	0.47	0.67	77.50	0.61	0.92	IN
XAFKFF		77.70	0.77	1.10	77.78	0.89	1.34	CE
XDGLGX		77.48	0.55	0.78	77.35	0.46	0.70	IN
ZTWKBZ		77.45	0.52	0.74	77.25	0.36	0.55	XX

Summary Statistics

	Sample N95	Sample N96
Grand Means	76.929 Degrees C	76.887 Degrees C
Stnd Dev Btwn Labs	0.704 Degrees C	0.663 Degrees C

Statistics based on 39 of 42 reporting participants

Sample N95: HIPS & Sample N96: HIPS

Comments on Assigned Data Flags for Test #712

T6J8QV (X) - Data for sample N95 are low.

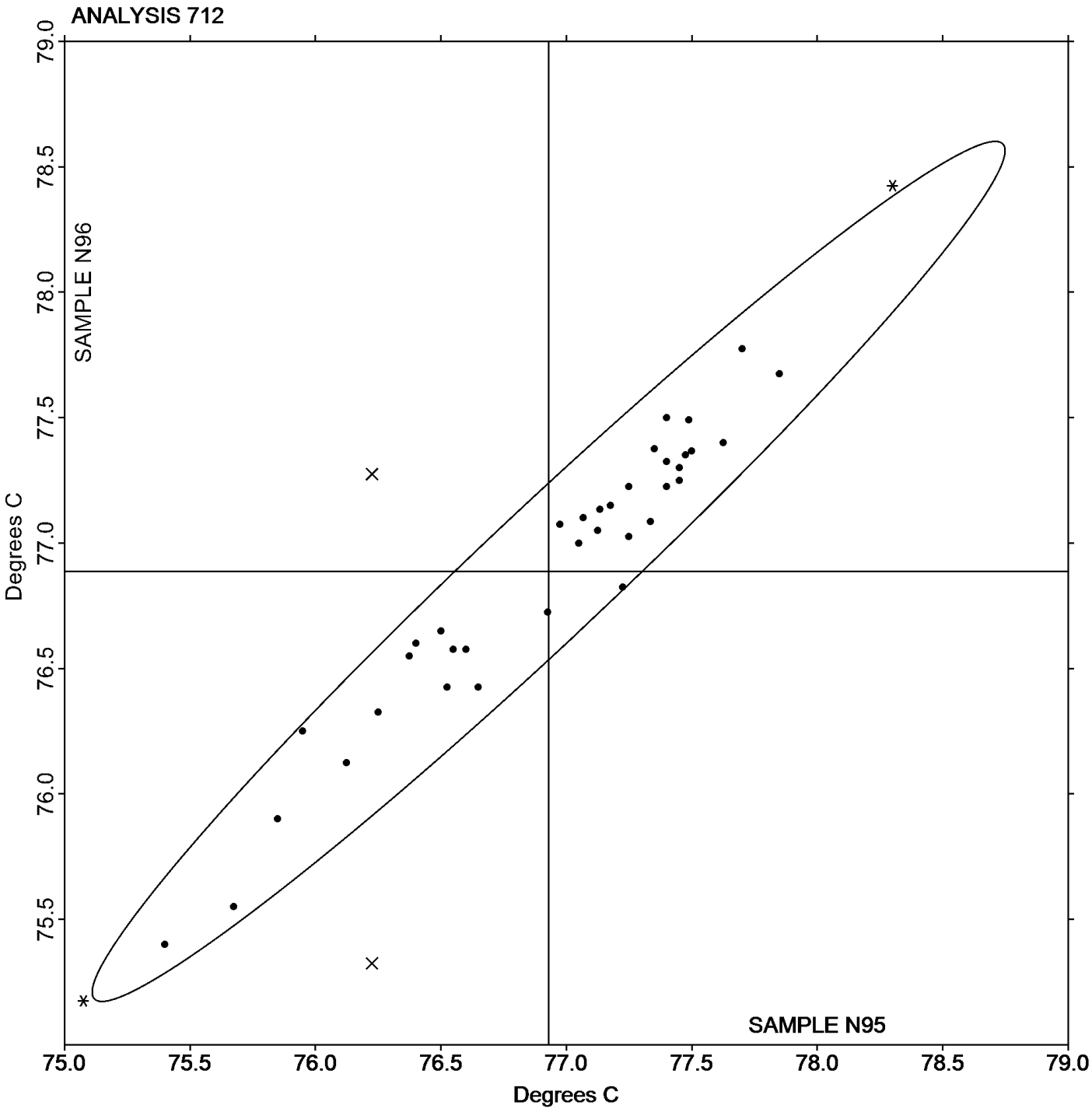
L7FBGJ (X) - Inconsistent in testing between samples.

NBKQ4C (X) - Inconsistent in testing between samples.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample N95: 76.929 Degrees C Grand Mean Sample N96: 76.887 Degrees C



WebCode	Data Flag	Sample H95 Lab Mean	Sample H95 Diff from Grand Mean	Sample H95 CPV	Sample H96 Lab Mean	Sample H96 Diff from Grand Mean	Sample H96 CPV	Instr Code
7JWUJ2		103.00	-0.26	-0.37	103.00	-0.28	-0.41	XX
7WHAMZ		103.38	0.12	0.17	103.40	0.12	0.18	CE
87LJTP		103.52	0.25	0.36	103.52	0.24	0.35	CE
9PEVQP		103.60	0.34	0.47	103.62	0.34	0.50	IN
B8R8H7		101.98	-1.28	-1.79	102.00	-1.28	-1.87	TO
EJR6WG		103.02	-0.25	-0.34	102.95	-0.33	-0.48	IN
EQMANW		103.20	-0.06	-0.09	103.17	-0.11	-0.16	IN
F8Q4UW		102.27	-1.00	-1.40	102.42	-0.86	-1.26	CE
GJ2UAD		102.73	-0.53	-0.74	102.70	-0.58	-0.85	TY
K7HH9R		103.65	0.39	0.54	103.50	0.22	0.32	CE
NBKQ4C		102.47	-0.80	-1.12	102.53	-0.74	-1.09	TO
P6CLQJ		103.42	0.15	0.22	103.48	0.21	0.30	AT
Q2RYPJ		102.80	-0.46	-0.65	102.85	-0.43	-0.63	CE
QA2M4H	X	99.75	-3.51	-4.92	99.75	-3.53	-5.16	TO
QDXAYQ		104.83	1.57	2.20	104.87	1.59	2.32	CE
R6M8DQ		102.88	-0.38	-0.53	102.88	-0.39	-0.58	CE
T6J8QV		102.38	-0.88	-1.23	102.50	-0.78	-1.14	CE
TC3BVC	X	100.55	-2.71	-3.80	101.77	-1.51	-2.21	XX
ULGTK2		103.35	0.09	0.12	103.48	0.21	0.30	IN
UQTPE3		103.77	0.50	0.71	103.83	0.56	0.81	CF
UVAX33		104.38	1.12	1.57	104.22	0.94	1.37	TO
UZ6P9D		104.30	1.04	1.45	104.32	1.04	1.52	CF
WPCFE2		102.70	-0.56	-0.79	102.82	-0.46	-0.68	IN
XAFKFF		104.07	0.80	1.13	104.02	0.74	1.08	CF
XMLBGM		103.33	0.07	0.10	103.33	0.06	0.08	TO

Summary Statistics

	Sample H95	Sample H96
Grand Means	103.262 Degrees C	103.278 Degrees C
Stnd Dev Btwn Labs	0.714 Degrees C	0.684 Degrees C

Statistics based on 23 of 25 reporting participants

Sample H95: ABS & Sample H96: ABS

Comments on Assigned Data Flags for Test #715

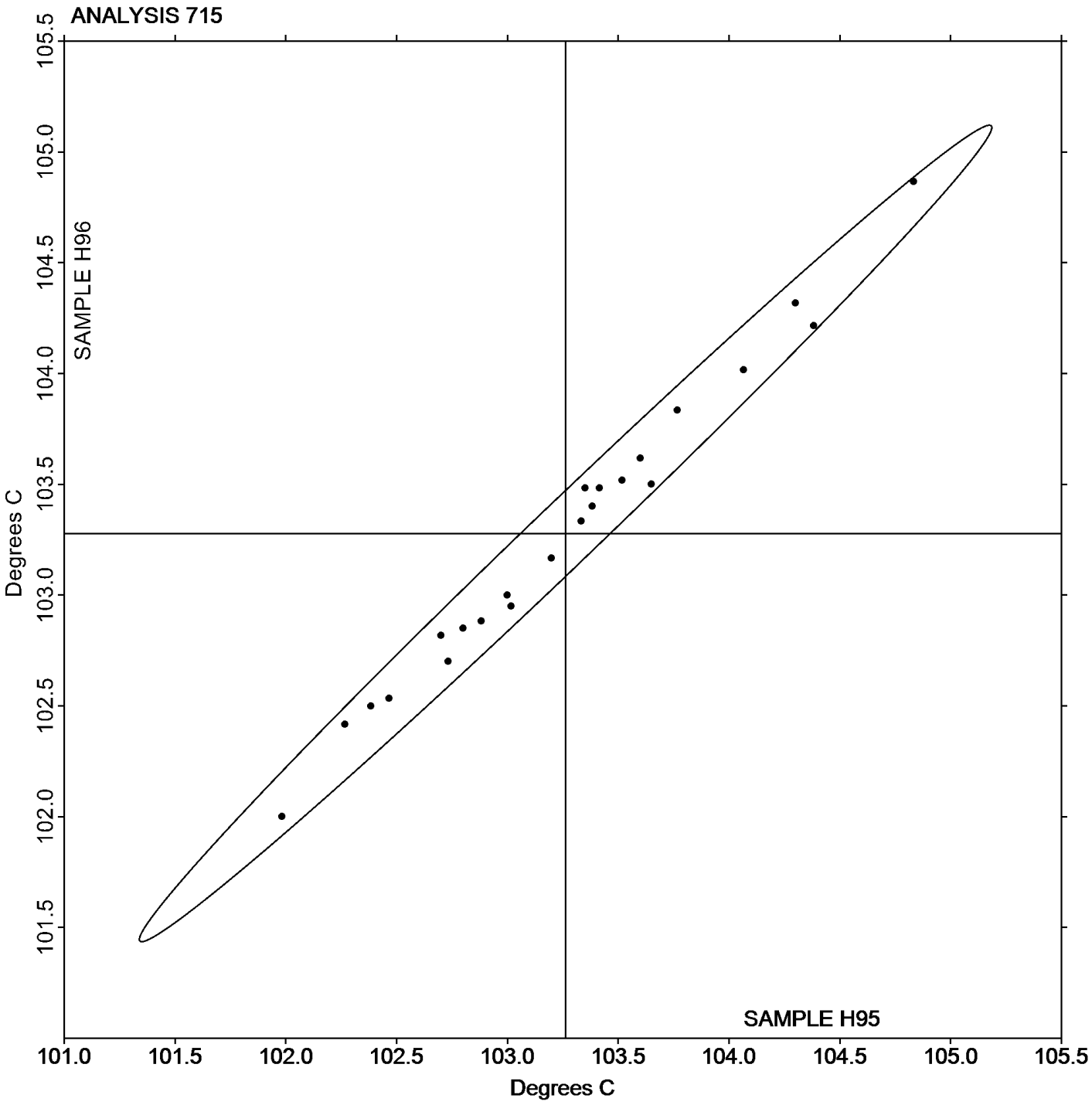
TC3BVC (X) - Data for sample H95 are low. Inconsistent within the determinations of both samples.

QA2M4H (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
XX	Instrument manufacturer not specified by lab		

Grand Mean Sample H95: 103.26 Degrees C Grand Mean Sample H96: 103.28 Degrees C



WebCode	Data Flag	Sample R95 Lab Mean	Sample R95 Diff from Grand Mean	Sample R95 CPV	Sample R96 Lab Mean	Sample R96 Diff from Grand Mean	Sample R96 CPV	Instr Code
87LJTP		105.58	0.55	0.75	105.58	0.56	0.73	CE
9PEVQP		105.50	0.47	0.64	105.60	0.58	0.75	IN
B8R8H7		103.57	-1.46	-1.99	103.65	-1.37	-1.77	TO
D6Q4TN		105.23	0.20	0.27	105.55	0.53	0.69	CS
EJR6WG		105.08	0.05	0.07	105.03	0.01	0.02	IN
EQMANW		104.73	-0.30	-0.40	104.57	-0.45	-0.59	IN
F8Q4UW		103.60	-1.43	-1.94	103.63	-1.39	-1.79	CE
GJ2UAD		105.13	0.10	0.14	105.12	0.10	0.13	TY
K7HH9R		105.15	0.12	0.16	105.12	0.10	0.13	CE
MVDAGK		106.35	1.32	1.79	106.57	1.55	2.00	CE
NBKQ4C		103.98	-1.05	-1.42	103.98	-1.04	-1.34	TO
P6CLQJ		105.63	0.60	0.82	105.55	0.53	0.69	AT
PN4VNE		104.82	-0.21	-0.28	104.85	-0.17	-0.22	TO
Q2RYPJ	*	105.03	0.00	0.00	104.43	-0.59	-0.76	CE
QA2M4H	X	100.62	-4.41	-5.99	100.58	-4.44	-5.74	TO
QDXAYQ		104.85	-0.18	-0.25	104.80	-0.22	-0.28	CE
R6M8DQ		104.53	-0.50	-0.67	104.47	-0.55	-0.72	CE
TC3BVC		104.07	-0.96	-1.31	104.08	-0.94	-1.21	XX
ULGTK2		105.40	0.37	0.50	105.43	0.41	0.54	IN
UQTPE3		106.17	1.14	1.54	106.27	1.25	1.61	CF
UVAX33		106.22	1.19	1.61	106.22	1.20	1.55	TO
UZ6P9D		105.05	0.02	0.03	105.43	0.41	0.54	CF
WPCFE2		104.62	-0.41	-0.56	104.80	-0.22	-0.28	IN
XAFKFF		105.43	0.40	0.55	104.90	-0.12	-0.15	CF
XMLBGM		105.00	-0.03	-0.04	104.83	-0.19	-0.24	TO

Summary Statistics

	Sample R95	Sample R96
Grand Means	105.031 Degrees C	105.019 Degrees C
Stnd Dev Btwn Labs	0.737 Degrees C	0.773 Degrees C

Statistics based on 24 of 25 reporting participants

Sample R95: ABS & Sample R96: ABS

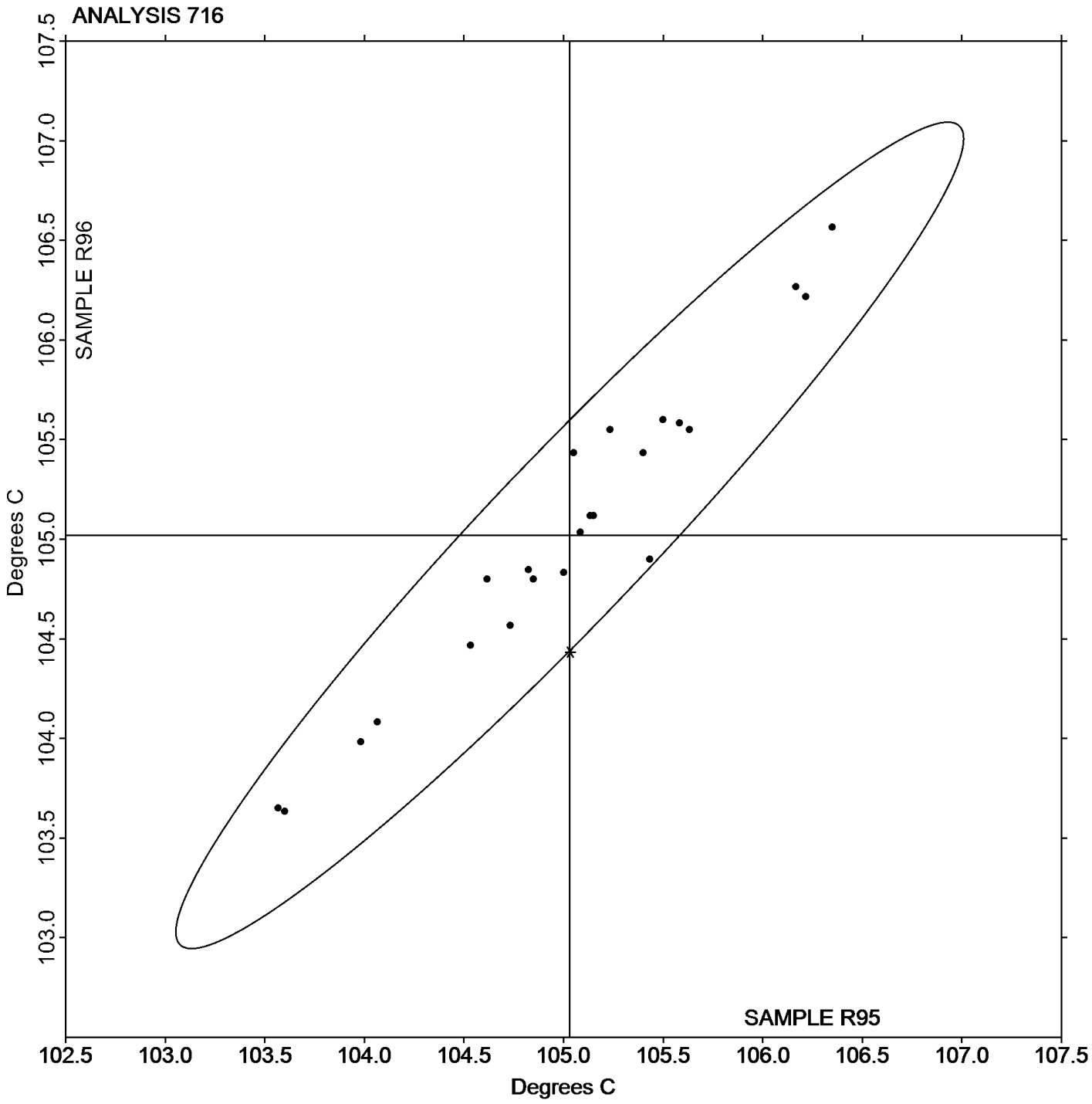
Comments on Assigned Data Flags for Test #716

QA2M4H (X) - Data for both samples are low. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

AT	Atlas	CE	Ceast
CF	Coesfeld	CS	CSI
IN	Instron	TO	Tinius Olsen
TY	Toyoseiki	XX	Instrument manufacturer not specified by lab

Grand Mean Sample R95: 105.03 Degrees C Grand Mean Sample R96: 105.02 Degrees C



WebCode	Data Flag	Sample T95 Lab Mean	Sample T95 Diff from Grand Mean	Sample T95 CPV	Sample T96 Lab Mean	Sample T96 Diff from Grand Mean	Sample T96 CPV
2CPQG7	X	1.05233	0.01047	4.51	1.05233	0.01034	4.81
2UU43U		1.04533	0.00347	1.49	1.04433	0.00234	1.09
3B9UN7		1.04480	0.00294	1.26	1.04443	0.00244	1.14
3PQRGD		1.04277	0.00090	0.39	1.04310	0.00111	0.52
3RJN78		1.04500	0.00314	1.35	1.04367	0.00167	0.78
47JMU6		1.04270	0.00084	0.36	1.04330	0.00131	0.61
4E6ZKN		1.04350	0.00164	0.70	1.04367	0.00167	0.78
6LJ7UZ		1.04183	-0.00003	-0.01	1.04233	0.00034	0.16
7LGVDM		1.04007	-0.00180	-0.77	1.04000	-0.00199	-0.93
7Z2BGM		1.04133	-0.00053	-0.23	1.04133	-0.00066	-0.31
83LMTX		1.04313	0.00127	0.55	1.04207	0.00007	0.03
873ZLX		1.04190	0.00004	0.02	1.04180	-0.00019	-0.09
87LJTP		1.04000	-0.00186	-0.80	1.04000	-0.00199	-0.93
8EGLV2		1.04340	0.00154	0.66	1.04367	0.00167	0.78
8MCNWD	*	1.04267	0.00080	0.35	1.04067	-0.00133	-0.62
8WTHZT		1.04000	-0.00186	-0.80	1.04000	-0.00199	-0.93
99N4UV		1.04033	-0.00153	-0.66	1.04073	-0.00126	-0.59
9BFZJP		1.04017	-0.00170	-0.73	1.04183	-0.00016	-0.07
9PEVQP	*	1.03527	-0.00660	-2.84	1.03663	-0.00536	-2.49
ADGMBJ		1.04213	0.00027	0.12	1.04220	0.00021	0.10
B8R8H7		1.04360	0.00174	0.75	1.04370	0.00171	0.79
B9J48Z		1.04060	-0.00126	-0.54	1.04080	-0.00119	-0.55
BCW9EU		1.04270	0.00084	0.36	1.04277	0.00077	0.36
C8HYHG		1.04400	0.00214	0.92	1.04397	0.00197	0.92
CNN46U	*	1.03533	-0.00653	-2.81	1.03667	-0.00533	-2.48
CV6TR9		1.04140	-0.00046	-0.20	1.04120	-0.00079	-0.37
D99B49		1.04393	0.00207	0.89	1.04393	0.00194	0.90
F8Q4UW	X	1.03833	-0.00353	-1.52	1.03613	-0.00586	-2.73
FFMW3Q		1.04123	-0.00063	-0.27	1.04080	-0.00119	-0.55
FNEEGY		1.04397	0.00210	0.90	1.04460	0.00261	1.21
G2BZ9M		1.04370	0.00184	0.79	1.04407	0.00207	0.97
GBZN7B	X	1.04000	-0.00186	-0.80	1.03667	-0.00533	-2.48
GE8WJ2		1.04293	0.00107	0.46	1.04393	0.00194	0.90
GEZYZP		1.04100	-0.00086	-0.37	1.04167	-0.00033	-0.15
GJ2UAD		1.04200	0.00014	0.06	1.04167	-0.00033	-0.15

WebCode	Data Flag	Sample T95 Lab Mean	Sample T95 Diff from Grand Mean	Sample T95 CPV	Sample T96 Lab Mean	Sample T96 Diff from Grand Mean	Sample T96 CPV
HMVAZC		1.04233	0.00047	0.20	1.04367	0.00167	0.78
HW6EBH		1.03607	-0.00580	-2.50	1.03683	-0.00516	-2.40
JEYNJC		1.03847	-0.00340	-1.46	1.03787	-0.00413	-1.92
JMPAMP	X	1.03827	-0.00360	-1.55	1.04303	0.00104	0.48
K7HH9R		1.04527	0.00340	1.46	1.04597	0.00397	1.85
L6LBEE	X	1.03673	-0.00513	-2.21	1.03347	-0.00853	-3.97
L7FBGJ		1.04327	0.00140	0.60	1.04250	0.00051	0.24
LBVH6H		1.04033	-0.00153	-0.66	1.04167	-0.00033	-0.15
LVH8DP		1.04047	-0.00140	-0.60	1.04040	-0.00159	-0.74
MLNLKW		1.04397	0.00210	0.90	1.04377	0.00177	0.83
MNR4W7		1.03833	-0.00353	-1.52	1.03833	-0.00366	-1.70
MTKBFE		1.04381	0.00195	0.84	1.04385	0.00186	0.87
MVDAGK		1.04373	0.00187	0.80	1.04353	0.00154	0.72
MXZTHH		1.04033	-0.00153	-0.66	1.04040	-0.00159	-0.74
N42K6K		1.04563	0.00377	1.62	1.04537	0.00337	1.57
N78WXF		1.04360	0.00174	0.75	1.04320	0.00121	0.56
NA82ZZ		1.04360	0.00174	0.75	1.04323	0.00124	0.58
NATUEH	X	1.04367	0.00180	0.78	1.04133	-0.00066	-0.31
NBKQ4C	X	1.03760	-0.00426	-1.84	1.03583	-0.00616	-2.87
NGNWGU		1.04033	-0.00153	-0.66	1.04167	-0.00033	-0.15
P6CLQJ		1.04310	0.00124	0.53	1.04180	-0.00019	-0.09
PJ8XBG		1.04060	-0.00126	-0.54	1.04070	-0.00129	-0.60
PK7ECK	X	1.04400	0.00214	0.92	1.03433	-0.00766	-3.56
PN4VNE		1.04120	-0.00066	-0.29	1.04140	-0.00059	-0.28
PTGD7V		1.04180	-0.00006	-0.03	1.04210	0.00011	0.05
PUM8EZ		1.04267	0.00080	0.35	1.04400	0.00201	0.93
QHA8H8	X	1.04300	0.00114	0.49	1.03967	-0.00233	-1.08
R6M8DQ		1.03793	-0.00393	-1.69	1.03833	-0.00366	-1.70
R7E43J		1.04367	0.00180	0.78	1.04367	0.00167	0.78
RAY6W7		1.04500	0.00314	1.35	1.04473	0.00274	1.28
RW8NVC	X	1.04000	-0.00186	-0.80	1.03333	-0.00866	-4.03
T6J8QV		1.04483	0.00297	1.28	1.04440	0.00241	1.12
TC3BVC		1.04200	0.00014	0.06	1.04367	0.00167	0.78
TTMBFG	X	1.03667	-0.00520	-2.24	1.04133	-0.00066	-0.31
UN8T7C		1.04133	-0.00053	-0.23	1.04100	-0.00099	-0.46

WebCode	Data Flag	Sample T95 Lab Mean	Sample T95 Diff from Grand Mean	Sample T95 CPV	Sample T96 Lab Mean	Sample T96 Diff from Grand Mean	Sample T96 CPV
UQTPE3	*	1.03600	-0.00586	-2.52	1.03700	-0.00499	-2.32
UVAX33		1.04137	-0.00050	-0.21	1.04123	-0.00076	-0.35
UXDQUF		1.04463	0.00277	1.19	1.04387	0.00187	0.87
UZ6P9D		1.04323	0.00137	0.59	1.04327	0.00127	0.59
V8JVHP		1.04083	-0.00103	-0.44	1.04250	0.00051	0.24
V8XGUD		1.04330	0.00144	0.62	1.04303	0.00104	0.48
V9U2GC	*	1.03857	-0.00330	-1.42	1.03770	-0.00429	-2.00
WN2B2C		1.04230	0.00044	0.19	1.04270	0.00071	0.33
WPCFE2		1.04333	0.00147	0.63	1.04337	0.00137	0.64
XDGLGX		1.04313	0.00127	0.55	1.04330	0.00131	0.61
XZNWW7		1.04233	0.00047	0.20	1.04300	0.00101	0.47
Y9GNG6		1.04070	-0.00116	-0.50	1.03990	-0.00209	-0.97
YJ2VGU		1.04137	-0.00050	-0.21	1.04157	-0.00043	-0.20
YL94V7		1.03867	-0.00320	-1.38	1.03923	-0.00276	-1.28
YMH9AU		1.04183	-0.00003	-0.01	1.04220	0.00021	0.10
ZCUUJX	X	1.04987	0.00800	3.44	1.04997	0.00797	3.71

Summary Statistics

	Sample T95	Sample T96
Grand Means	1.041865 sp gr 23/23 C	1.041993 sp gr 23/23 C
Stnd Dev Btwn Labs	0.002323 sp gr 23/23 C	0.002149 sp gr 23/23 C

Statistics based on 74 of 86 reporting participants

Sample T95: ABS & Sample T96: ABS

Comments on Assigned Data Flags for Test #718

RW8NVC (X) - Data for sample T96 are low. Inconsistent within the determinations of sample T96.

NATUEH (X) - Inconsistent in testing between samples.

PK7ECK (X) - Data for sample T96 are low. Inconsistent within the determinations of both samples.

F8Q4UW (X) - Inconsistent in testing between samples.

ZCUUJX (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample T95.

NBKQ4C (X) - Data for sample T96 are low.

2CPQG7 (X) - Data for both samples are high. Possible Systematic Error.

TTMBFG (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample T96.

JMPAMP (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample T95.

GBZN7B (X) - Inconsistent in testing between samples.

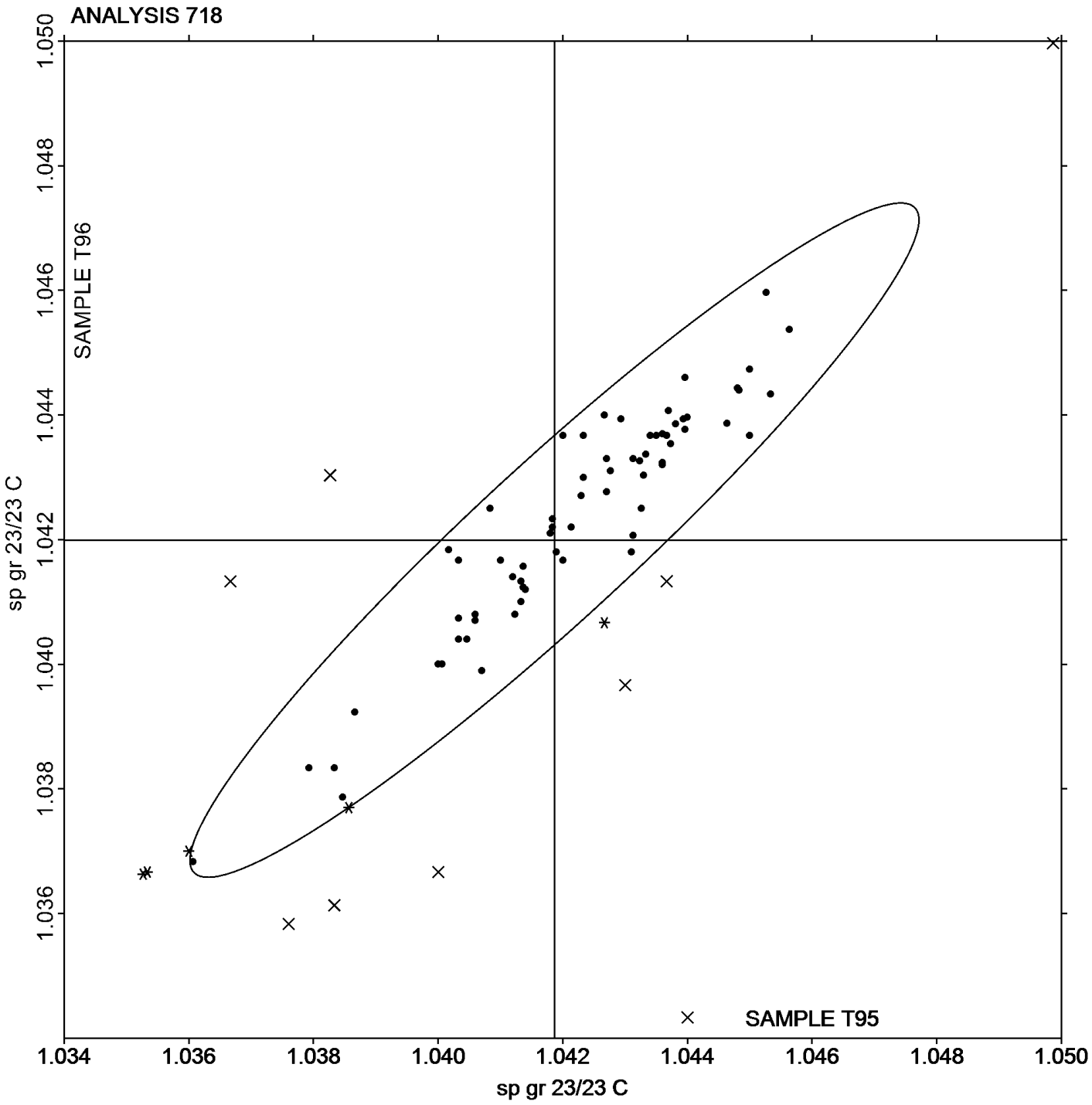
QHA8H8 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample T95.

L6LBEE (X) - Data for sample T96 are low. Inconsistent within the determinations of sample T96.

Results by Methodology (as reported by laboratory)

	Sample T95 *ABS*			Sample T96 *ABS*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
ASTM D792 Method A (water)	1.042049	0.002218	0.000	1.042187	0.001998	0.000	54/63
ASTM D792 Method B (not water)	1.041144	0.003455	-0.001	1.040889	0.003168	-0.001	3/3
ISO 1183	1.041408	0.002530	0.000	1.041571	0.002460	0.000	17/20

Grand Mean Sample T95: 1.0419 sp gr 23/23 C Grand Mean Sample T96: 1.0420 sp gr 23/23 C



WebCode	Data Flag	Sample J95 Lab Mean	Sample J95 Diff from Grand Mean	Sample J95 CPV	Sample J96 Lab Mean	Sample J96 Diff from Grand Mean	Sample J96 CPV
2CPQG7	X	252.6	-94.9	-4.63	274.0	-74.4	-3.53
3RJN78		349.2	1.6	0.08	347.9	-0.5	-0.02
4MGUX6		361.8	14.3	0.70	360.2	11.8	0.56
83QPVN		353.7	6.2	0.30	355.5	7.1	0.34
87LJTP		349.7	2.2	0.11	353.5	5.1	0.24
88CW4V		344.5	-3.0	-0.15	338.7	-9.7	-0.46
8MCNWD		380.5	33.0	1.61	384.4	36.0	1.70
8YLDPM	X	235.8	-111.7	-5.45	238.4	-110.0	-5.21
9PEVQP		336.4	-11.1	-0.54	339.9	-8.5	-0.40
ADGMBJ		342.6	-4.9	-0.24	338.4	-10.0	-0.47
B9J48Z		346.4	-1.2	-0.06	344.4	-4.0	-0.19
BCW9EU		324.9	-22.6	-1.10	326.7	-21.7	-1.03
BQK7LJ		329.7	-17.8	-0.87	334.5	-13.9	-0.66
BUZEAJ		353.8	6.3	0.31	353.8	5.4	0.26
CCDTFJ		339.7	-7.8	-0.38	334.5	-13.9	-0.66
CV6TR9		319.2	-28.3	-1.38	322.0	-26.4	-1.25
EJR6WG		346.9	-0.7	-0.03	345.4	-3.0	-0.14
F8Q4UW		369.8	22.2	1.08	371.9	23.5	1.11
GJ2UAD		329.0	-18.5	-0.90	327.1	-21.3	-1.01
H2GMCL	X	346.6	-0.9	-0.04	313.2	-35.2	-1.67
HMVAZC		359.7	12.2	0.59	367.8	19.4	0.92
HT2XML		354.0	6.5	0.32	365.4	17.0	0.81
HW6EBH		357.0	9.4	0.46	355.0	6.6	0.31
JW2ENM		330.8	-16.7	-0.82	329.8	-18.6	-0.88
K7HH9R		313.5	-34.0	-1.66	311.0	-37.4	-1.77
KNHEHA		354.8	7.2	0.35	353.6	5.1	0.24
L2HQDZ		356.0	8.4	0.41	356.2	7.8	0.37
L7FBGJ		360.6	13.0	0.64	362.5	14.1	0.67
LQ3TKP		347.8	0.3	0.01	348.7	0.3	0.01
LVH8DP		369.2	21.6	1.05	366.3	17.9	0.85
MW69VH		379.1	31.5	1.54	378.6	30.2	1.43
MXZTHH		316.7	-30.8	-1.50	314.4	-34.0	-1.61
N42K6K		344.8	-2.7	-0.13	351.2	2.8	0.13
NATUEH		347.2	-0.3	-0.02	345.7	-2.7	-0.13
NBKQ4C	*	399.0	51.5	2.51	406.2	57.8	2.74

WebCode	Data Flag	Sample J95 Lab Mean	Sample J95 Diff from Grand Mean	Sample J95 CPV	Sample J96 Lab Mean	Sample J96 Diff from Grand Mean	Sample J96 CPV
NGNWGU		327.6	-20.0	-0.97	331.0	-17.4	-0.83
P6CLQJ		333.0	-14.5	-0.71	338.3	-10.1	-0.48
PN4VNE		318.1	-29.4	-1.43	316.9	-31.5	-1.49
PQVQD9		328.5	-19.0	-0.93	331.2	-17.2	-0.82
RKF3PG		322.3	-25.3	-1.23	325.8	-22.6	-1.07
RYGN4Y		317.0	-30.6	-1.49	319.0	-29.4	-1.39
T6J8QV		335.8	-11.7	-0.57	326.5	-21.9	-1.04
TC3BVC		343.2	-4.3	-0.21	339.6	-8.8	-0.42
TD6HRA	X	228.8	-118.8	-5.79	227.6	-120.8	-5.72
TTMBFG	X	262.6	-84.9	-4.14	264.8	-83.6	-3.96
UEJ42C		384.9	37.4	1.82	383.4	35.0	1.66
UFBZP6	M	No data reported for this sample			347.1	-1.3	-0.06
UQTPE3		325.0	-22.5	-1.10	326.6	-21.8	-1.03
UVAX33		374.3	26.8	1.31	377.1	28.7	1.36
UZ6P9D		350.5	3.0	0.15	352.0	3.6	0.17
VAKZVB		350.0	2.5	0.12	350.1	1.7	0.08
XMLBGM		343.9	-3.6	-0.17	351.3	2.9	0.14
XVWVHY		339.8	-7.7	-0.38	346.8	-1.6	-0.08
YL94V7		374.2	26.7	1.30	380.3	31.9	1.51
YMH9AU	*	393.0	45.5	2.22	384.7	36.3	1.72

Summary Statistics

	Sample J95	Sample J96
Grand Means	347.53 ksi	348.41 ksi
Stnd Dev Btwn Labs	20.51 ksi	21.10 ksi

Statistics based on 49 of 55 reporting participants

Sample J95: ABS & Sample J96: ABS

Comments on Assigned Data Flags for Test #720

H2GMCL (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

TD6HRA (X) - Data for both samples are low. Possible Systematic Error.

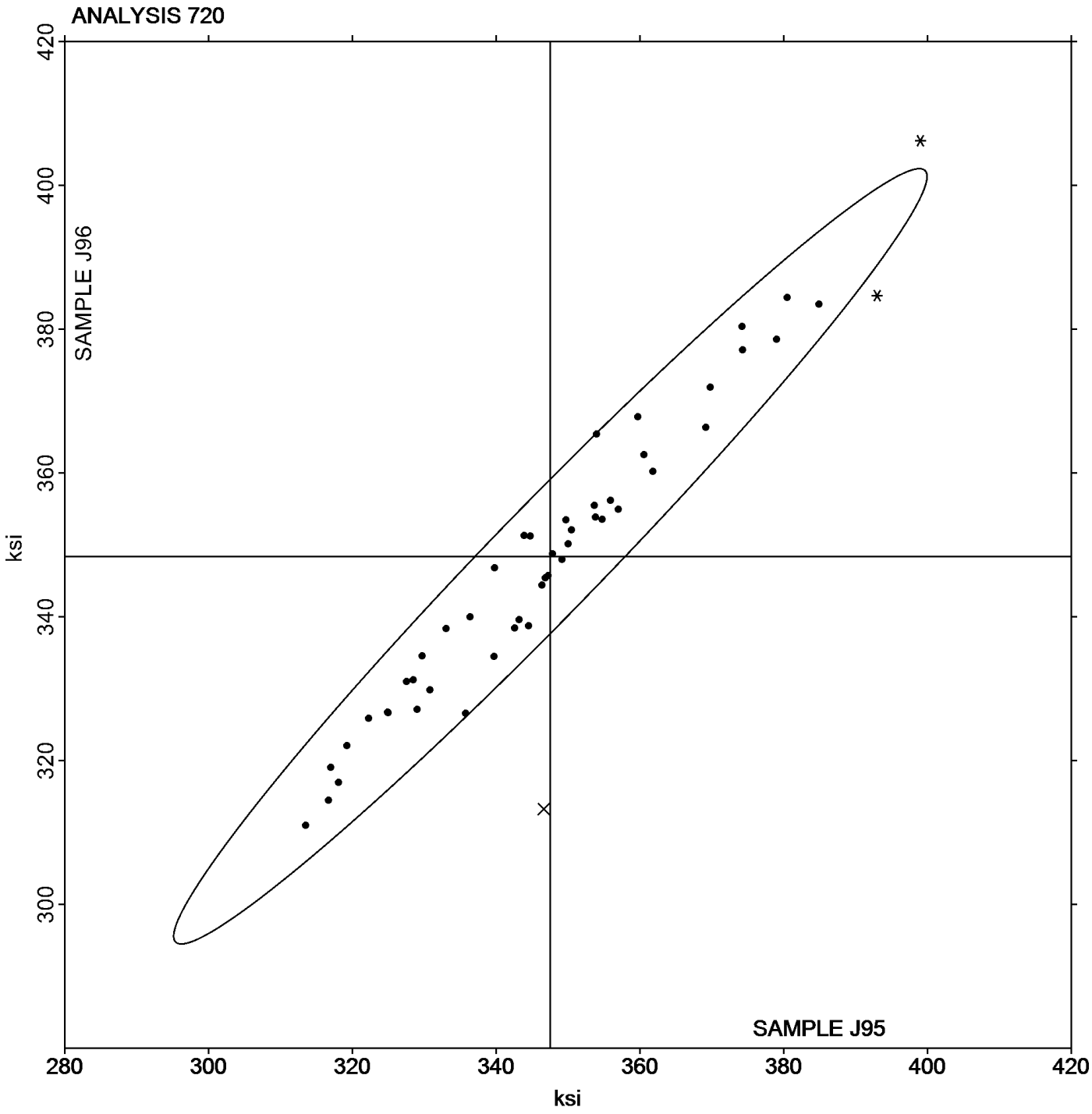
2CPQG7 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

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

8YLDPM (X) - Data for both samples are low. Possible Systematic Error.

UFBZP6 (M) - Participant did not submit data for sample J95.

Grand Mean Sample J95: 347.53 ksi Grand Mean Sample J96: 348.41 ksi



WebCode	Data Flag	Sample J95 Lab Mean	Sample J95 Diff from Grand Mean	Sample J95 CPV	Sample J96 Lab Mean	Sample J96 Diff from Grand Mean	Sample J96 CPV
83QPVN		10,157	257	0.47	10,232	294	0.53
87LJTP		10,134	233	0.43	10,232	294	0.53
88CW4V		10,425	525	0.96	10,399	461	0.84
8MCNWD		10,101	201	0.37	10,205	268	0.49
8YLDPM	*	8,359	-1,541	-2.83	8,431	-1,507	-2.74
9PEVQP		9,724	-176	-0.32	9,675	-262	-0.48
ADGMBJ		9,950	50	0.09	9,928	-10	-0.02
B9J48Z		10,053	153	0.28	9,967	29	0.05
BCW9EU		9,636	-264	-0.49	9,653	-285	-0.52
BQK7LJ		9,714	-186	-0.34	9,826	-112	-0.20
BUZEAJ		9,424	-477	-0.88	9,450	-488	-0.89
CCDTFJ		9,744	-156	-0.29	9,756	-181	-0.33
CV6TR9	X	10,007	107	0.20	9,718	-220	-0.40
F8Q4UW		10,374	473	0.87	10,358	420	0.76
GJ2UAD		9,671	-229	-0.42	9,712	-226	-0.41
H2GMCL		10,112	212	0.39	10,223	285	0.52
HT2XML	*	11,122	1,222	2.25	11,259	1,322	2.40
HW6EBH		10,061	161	0.30	10,043	106	0.19
JW2ENM		9,374	-526	-0.97	9,404	-534	-0.97
K7HH9R		9,660	-241	-0.44	9,713	-225	-0.41
KNHEHA		10,025	125	0.23	10,002	64	0.12
L2HQDZ		9,995	95	0.17	10,039	102	0.18
L7FBGJ		10,087	187	0.34	10,109	171	0.31
LQ3TKP		9,938	38	0.07	9,922	-15	-0.03
MW69VH		10,608	708	1.30	10,651	713	1.29
MXZTHH		9,114	-786	-1.44	9,190	-748	-1.36
N42K6K		9,642	-258	-0.47	9,810	-128	-0.23
NATUEH		9,946	45	0.08	10,047	109	0.20
NBKQ4C		10,620	720	1.32	10,680	742	1.35
P6CLQJ		10,379	479	0.88	10,433	495	0.90
PQVQD9		9,631	-269	-0.49	9,700	-238	-0.43
RKF3PG		9,354	-546	-1.00	9,418	-520	-0.94
RYGN4Y		9,177	-723	-1.33	9,249	-689	-1.25
TC3BVC		9,800	-100	-0.18	9,774	-164	-0.30
TD6HRA	*	8,426	-1,474	-2.71	8,349	-1,589	-2.88

WebCode	Data Flag	Sample J95 Lab Mean	Sample J95 Diff from Grand Mean	Sample J95 CPV	Sample J96 Lab Mean	Sample J96 Diff from Grand Mean	Sample J96 CPV
TTMBFG		9,410	-490	-0.90	9,532	-406	-0.74
UEJ42C	X	9,594	-306	-0.56	9,209	-728	-1.32
UQTPE3		10,703	803	1.48	10,691	754	1.37
UVAX33		10,139	238	0.44	10,121	184	0.33
UZ6P9D		9,937	37	0.07	9,994	57	0.10
VAKZVB		10,024	123	0.23	10,098	160	0.29
XMLBGM	X	9,950	49	0.09	10,269	331	0.60
XVWVHY		10,104	204	0.37	10,034	96	0.17
YL94V7	*	10,466	566	1.04	10,709	771	1.40
YMH9AU		10,492	592	1.09	10,368	430	0.78

Summary Statistics

	Sample J95	Sample J96
Grand Means	9,900.4 psi	9,937.7 psi
Stnd Dev Btwn Labs	544.2 psi	550.7 psi

Statistics based on 42 of 45 reporting participants

Sample J95: ABS & Sample J96: ABS

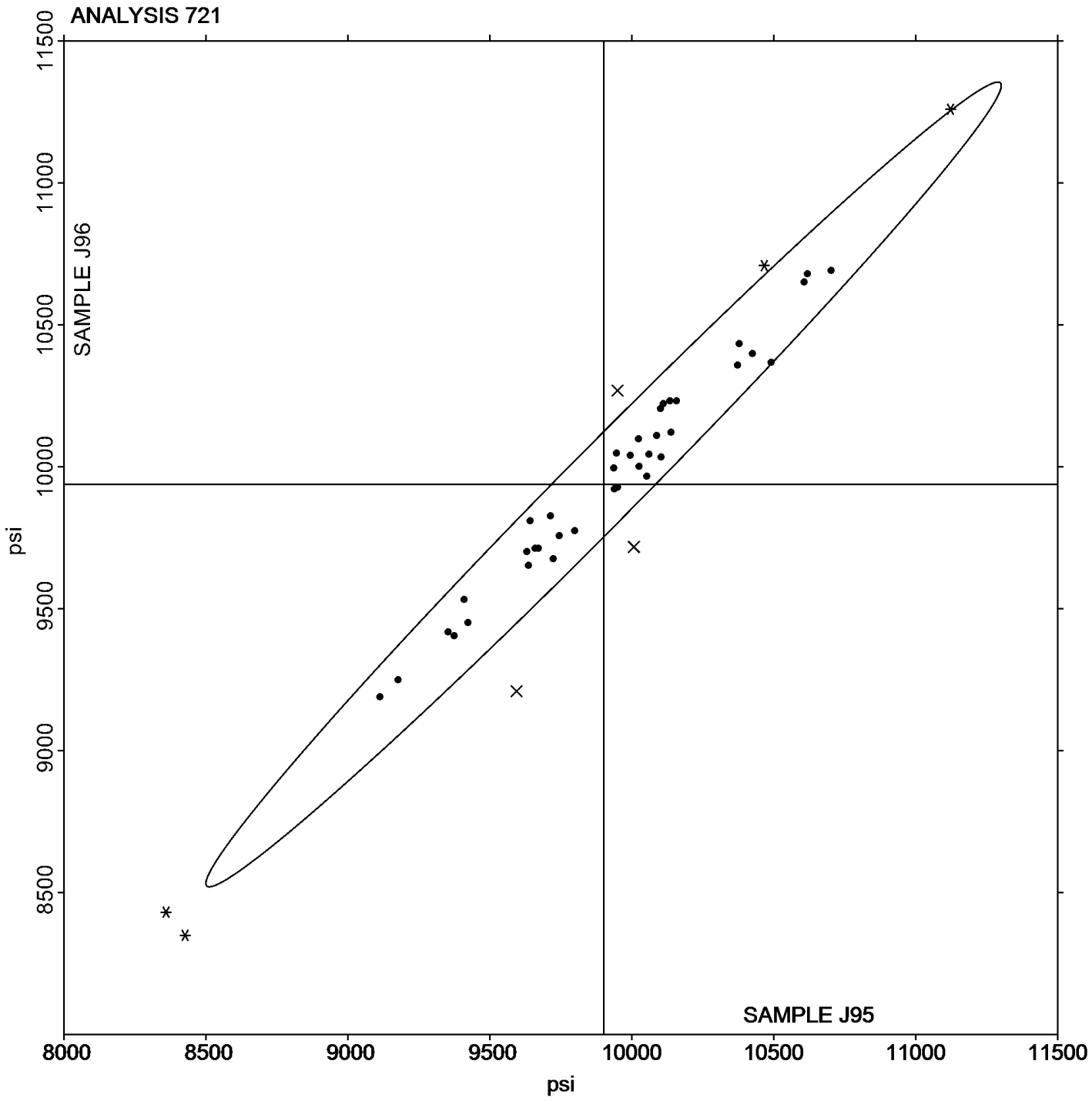
Comments on Assigned Data Flags for Test #721

XMLBGM (X) - Inconsistent in testing between samples.

CV6TR9 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample J95.

UEJ42C (X) - Inconsistent in testing between samples.

Grand Mean Sample J95: 9,900.43 psi Grand Mean Sample J96: 9,937.73 psi



WebCode	Data Flag	Sample J95 Lab Mean	Sample J95 Diff from Grand Mean	Sample J95 CPV	Sample J96 Lab Mean	Sample J96 Diff from Grand Mean	Sample J96 CPV
2CPQG7	X	6,832	-3,082	-5.82	6,826	-3,115	-5.89
4MGUX6		10,400	486	0.92	10,400	459	0.87
83QPVN		10,166	252	0.48	10,237	296	0.56
87LJTP		10,130	216	0.41	10,225	284	0.54
88CW4V		10,456	542	1.02	10,422	481	0.91
8MCNWD		10,153	239	0.45	10,242	301	0.57
8YLDPM	*	8,436	-1,478	-2.79	8,518	-1,423	-2.69
9PEVQP		9,737	-177	-0.33	9,688	-253	-0.48
ADGMBJ		9,892	-22	-0.04	9,882	-59	-0.11
B9J48Z		10,085	171	0.32	10,010	69	0.13
BCW9EU		9,636	-278	-0.52	9,640	-301	-0.57
BQK7LJ		9,725	-189	-0.36	9,840	-101	-0.19
BUZEAJ		9,920	6	0.01	9,947	6	0.01
CCDTFJ		9,953	39	0.07	9,939	-2	0.00
CV6TR9	X	8,702	-1,212	-2.29	8,168	-1,773	-3.35
GJ2UAD		9,692	-223	-0.42	9,729	-212	-0.40
H2GMCL		10,132	218	0.41	10,238	297	0.56
HT2XML	*	11,137	1,223	2.31	11,280	1,338	2.53
HW6EBH	M	No data reported for this sample			9,973	32	0.06
JW2ENM		9,401	-513	-0.97	9,433	-509	-0.96
K7HH9R		9,675	-239	-0.45	9,739	-203	-0.38
KNHEHA		10,041	127	0.24	10,010	69	0.13
L2HQDZ		10,017	103	0.19	10,053	112	0.21
L7FBGJ		10,121	207	0.39	10,145	204	0.39
LQ3TKP		9,977	63	0.12	9,971	30	0.06
LVH8DP		10,265	351	0.66	10,240	299	0.57
MW69VH		10,617	703	1.33	10,661	720	1.36
MXZTHH		9,175	-739	-1.39	9,213	-728	-1.38
N42K6K		9,682	-232	-0.44	9,832	-109	-0.21
NATUEH		10,018	104	0.20	10,163	222	0.42
P6CLQJ		10,389	475	0.90	10,441	500	0.95
PN4VNE		10,002	88	0.17	9,974	32	0.06
PQVQD9		9,643	-271	-0.51	9,705	-236	-0.45
RKF3PG		9,428	-486	-0.92	9,485	-456	-0.86
RYGN4Y		9,215	-699	-1.32	9,288	-653	-1.23

WebCode	Data Flag	Sample J95 Lab Mean	Sample J95 Diff from Grand Mean	Sample J95 CPV	Sample J96 Lab Mean	Sample J96 Diff from Grand Mean	Sample J96 CPV
T6J8QV		9,694	-220	-0.42	9,561	-381	-0.72
TC3BVC		9,819	-95	-0.18	9,860	-81	-0.15
TD6HRA	*	8,331	-1,583	-2.99	8,339	-1,602	-3.03
TTMBFG	M	No data reported for this sample			9,390	-551	-1.04
UEJ42C	X	9,206	-708	-1.34	8,695	-1,246	-2.36
UFBZP6	X	7,709	-2,205	-4.16	10,470	528	1.00
UQTPE3		10,700	786	1.48	10,720	779	1.47
UZ6P9D		9,964	50	0.09	10,013	72	0.14
VAKZVB		10,031	117	0.22	10,107	165	0.31
XMLBGM	X	9,950	36	0.07	10,298	356	0.67
XVWVHY		10,172	258	0.49	10,062	121	0.23
YMH9AU		10,533	619	1.17	10,398	457	0.86

Summary Statistics

	Sample J95	Sample J96
Grand Means	9,914.0 psi	9,941.3 psi
Stnd Dev Btwn Labs	529.9 psi	528.7 psi

Statistics based on 40 of 47 reporting participants

Sample J95: ABS & Sample J96: ABS

Comments on Assigned Data Flags for Test #722

XMLBGM (X) - Inconsistent in testing between samples.

CV6TR9 (X) - Data for sample J96 are low. Inconsistent within the determinations of both samples.

HW6EBH (M) - Participant did not submit data for sample J95.

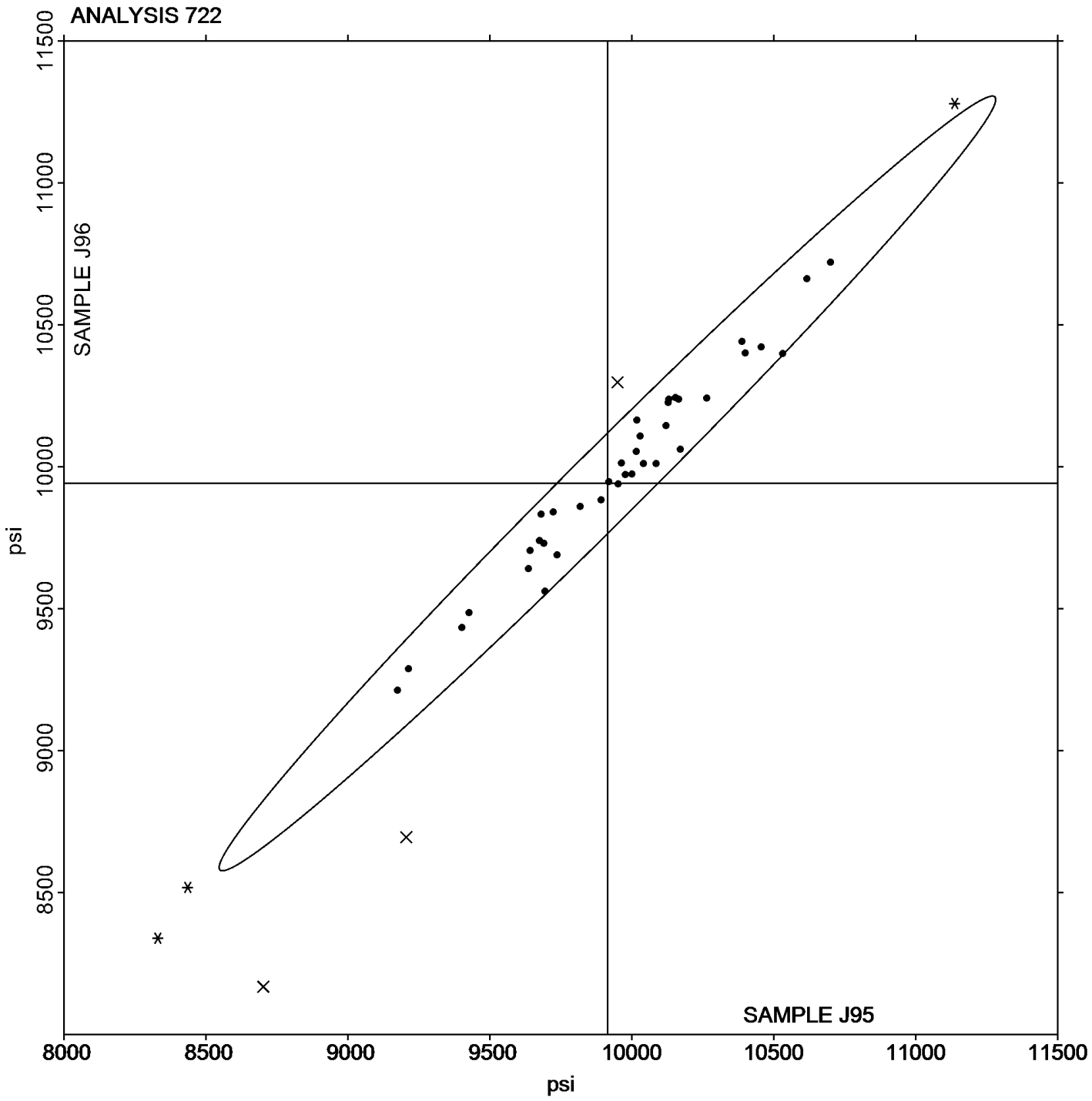
2CPQG7 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

UEJ42C (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample J96.

TTMBFG (M) - Participant did not submit data for sample J95.

UFBZP6 (X) - Data for sample J95 are low.

Grand Mean Sample J95: 9,914.02 psi Grand Mean Sample J96: 9,941.35 psi



WebCode	Data Flag	Sample C95 Lab Mean	Sample C95 Diff from Grand Mean	Sample C95 CPV	Sample C96 Lab Mean	Sample C96 Diff from Grand Mean	Sample C96 CPV
2LEEDU	X	52.62	2.83	4.61	52.66	2.87	4.58
3B9UN7	X	51.56	1.77	2.89	51.00	1.21	1.94
3GDQAR		48.89	-0.90	-1.47	48.90	-0.89	-1.41
6MXR7M		49.41	-0.38	-0.62	49.18	-0.61	-0.97
87LJTP		49.25	-0.54	-0.88	49.29	-0.50	-0.80
8G2MPN		49.70	-0.09	-0.15	49.64	-0.15	-0.23
9BFZJP		50.25	0.46	0.75	50.18	0.40	0.64
9PEVQP		49.30	-0.49	-0.80	49.17	-0.62	-0.98
B8R8H7		50.67	0.88	1.44	50.63	0.84	1.34
BC2NRU		49.75	-0.04	-0.06	49.38	-0.41	-0.65
C9TTKW		50.25	0.46	0.76	50.22	0.44	0.70
CCDTFJ	X	48.42	-1.37	-2.24	49.14	-0.65	-1.03
CNN46U	X	52.93	3.14	5.12	53.29	3.51	5.59
D99B49		50.08	0.29	0.47	50.06	0.27	0.44
DHXZZW		49.72	-0.07	-0.11	49.82	0.03	0.05
DKHX7E		48.77	-1.02	-1.67	48.83	-0.95	-1.52
EG24N8		49.82	0.03	0.05	49.72	-0.07	-0.10
EQMANW		49.18	-0.61	-1.00	49.36	-0.43	-0.68
F8Q4UW		49.43	-0.36	-0.59	49.32	-0.46	-0.74
G4AW7W		49.82	0.03	0.05	49.82	0.04	0.06
GE8WJ2		49.70	-0.09	-0.15	49.56	-0.23	-0.36
GJ2UAD		48.90	-0.89	-1.45	49.21	-0.57	-0.91
HMVAZC		50.08	0.29	0.47	50.19	0.40	0.64
HW6EBH		48.94	-0.85	-1.38	49.07	-0.71	-1.14
J2AVWB		49.22	-0.57	-0.93	49.36	-0.43	-0.68
JEYNJC		50.03	0.23	0.38	50.08	0.30	0.47
JMPAMP	X	49.65	-0.14	-0.24	48.46	-1.33	-2.11
JY68FZ		50.26	0.47	0.76	50.17	0.38	0.61
K7HH9R		49.18	-0.61	-0.99	48.97	-0.82	-1.30
KNHEHA	X	47.45	-2.34	-3.81	48.03	-1.75	-2.80
L6LBEE		50.03	0.24	0.38	50.22	0.43	0.69
L7FBGJ		49.39	-0.40	-0.66	49.21	-0.58	-0.92
LVH8DP		49.96	0.17	0.28	49.70	-0.09	-0.14
MMFH9Q		50.29	0.50	0.81	50.55	0.77	1.23
MNR4W7		50.51	0.72	1.17	50.28	0.49	0.79

WebCode	Data Flag	Sample C95 Lab Mean	Sample C95 Diff from Grand Mean	Sample C95 CPV	Sample C96 Lab Mean	Sample C96 Diff from Grand Mean	Sample C96 CPV
NA82ZZ	X	49.72	-0.07	-0.11	50.51	0.72	1.15
NATUEH		50.72	0.93	1.51	50.79	1.00	1.60
NBKQ4C		49.51	-0.28	-0.46	49.34	-0.44	-0.71
NGNWGU		48.64	-1.15	-1.88	48.62	-1.17	-1.86
NL466U		50.45	0.66	1.07	50.25	0.46	0.74
P698DH	X	47.94	-1.85	-3.01	49.48	-0.31	-0.49
P6CLQJ		50.80	1.01	1.65	50.76	0.97	1.55
PN4VNE		50.36	0.57	0.93	50.32	0.54	0.86
PTGD7V		50.53	0.74	1.21	50.75	0.96	1.54
PUM8EZ		49.54	-0.25	-0.41	49.86	0.07	0.12
QHA8H8		50.18	0.39	0.64	50.21	0.42	0.67
R6M8DQ		49.82	0.03	0.04	49.95	0.16	0.26
RWPF6W		49.44	-0.35	-0.57	49.80	0.01	0.02
T6J8QV		49.47	-0.32	-0.52	49.74	-0.05	-0.08
T9HJLV	X	49.46	-0.33	-0.54	48.82	-0.96	-1.53
TDALU2		50.21	0.42	0.68	50.26	0.48	0.76
TTMBFG	X	48.78	-1.01	-1.65	48.04	-1.75	-2.78
U4W3K2		50.36	0.57	0.93	50.21	0.42	0.67
UDRYVJ	*	48.34	-1.45	-2.37	48.01	-1.78	-2.84
UFBZP6		49.06	-0.73	-1.19	48.89	-0.90	-1.43
UN8T7C		48.82	-0.97	-1.58	48.80	-0.99	-1.57
UQTPE3		49.68	-0.11	-0.18	49.82	0.03	0.05
UVAX33		49.97	0.18	0.30	49.98	0.19	0.31
UXDQUF		50.94	1.15	1.87	50.78	1.00	1.59
UZ6P9D		49.29	-0.50	-0.82	49.14	-0.65	-1.03
VAHHPY		50.03	0.24	0.39	50.12	0.33	0.53
W3FTKZ	X	49.11	-0.68	-1.11	47.95	-1.84	-2.93
WPCFE2		49.55	-0.24	-0.40	49.86	0.07	0.12
XAFKFF		49.60	-0.19	-0.31	49.48	-0.31	-0.49
XDGLGX		50.39	0.60	0.98	50.48	0.69	1.10
XJL3DD		51.12	1.33	2.17	50.96	1.18	1.88
XNEDXB		50.01	0.22	0.36	50.37	0.59	0.94
ZH2EG3		50.46	0.67	1.09	50.15	0.37	0.59
ZTWKBZ		49.78	-0.01	-0.02	49.78	-0.01	-0.01

Summary Statistics	Sample C95	Sample C96
Grand Means	49.790 MPa	49.786 MPa
Stnd Dev Btwn Labs	0.613 MPa	0.627 MPa

Statistics based on 58 of 69 reporting participants

Sample C95: ABS/PC & Sample C96: ABS/PC

Comments on Assigned Data Flags for Test #730

NA82ZZ (X) - Inconsistent in testing between samples.

T9HJLV (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample C95.

P698DH (X) - Data for sample C95 are low. Inconsistent within the determinations of sample C95.

CNN46U (X) - Data for both samples are high. Possible Systematic Error.

TTMBFG (X) - Data for sample C96 are low. Inconsistent within the determinations of sample C96.

JMPAMP (X) - Inconsistent in testing between samples.

3B9UN7 (X) - Data for sample C95 are high. Inconsistent within the determinations of both samples.

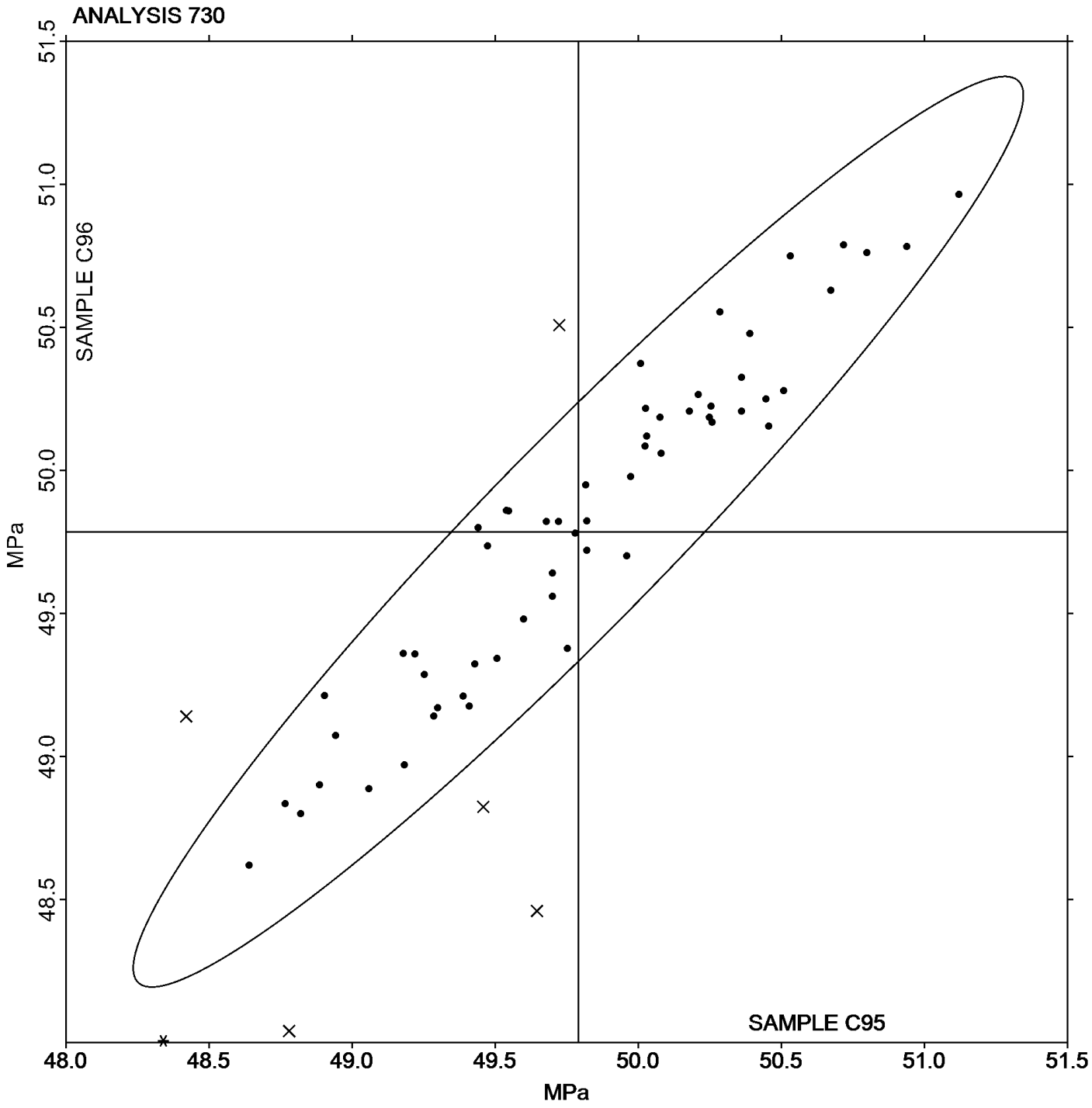
KNHEHA (X) - Data for both samples are low. Possible Systematic Error.

2LEEDU (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample C95.

W3FTKZ (X) - Data for sample C96 are low. Inconsistent within the determinations of sample C95.

CCDTFJ (X) - Inconsistent in testing between samples.

Grand Mean Sample C95: 49.790 MPa Grand Mean Sample C96: 49.786 MPa



WebCode	Data Flag	Sample C95 Lab Mean	Sample C95 Diff from Grand Mean	Sample C95 CPV	Sample C96 Lab Mean	Sample C96 Diff from Grand Mean	Sample C96 CPV
2LEEDU		50.78	3.77	1.39	53.40	6.47	2.38
3B9UN7		50.41	3.40	1.25	47.43	0.50	0.18
3GDQAR		49.45	2.44	0.90	51.13	4.20	1.54
6MXR7M		43.63	-3.38	-1.24	44.54	-2.39	-0.88
87LJTP		46.98	-0.03	-0.01	45.48	-1.45	-0.53
8G2MPN		49.66	2.65	0.98	49.42	2.49	0.91
9BFZJP		48.22	1.22	0.45	48.96	2.02	0.74
9PEVQP		45.67	-1.34	-0.49	42.29	-4.65	-1.71
B8R8H7		48.45	1.44	0.53	50.06	3.13	1.15
BC2NRU		51.23	4.23	1.56	51.55	4.62	1.70
C9TTKW		45.08	-1.93	-0.71	45.49	-1.44	-0.53
CCDTFJ		43.88	-3.13	-1.15	43.88	-3.05	-1.12
CNN46U		49.13	2.12	0.78	49.70	2.77	1.02
D99B49		45.62	-1.39	-0.51	47.26	0.33	0.12
DKHX7E		49.58	2.57	0.95	49.38	2.45	0.90
EG24N8		48.04	1.03	0.38	45.66	-1.27	-0.47
EQMANW		41.82	-5.19	-1.91	42.52	-4.41	-1.62
F8Q4UW		43.86	-3.15	-1.16	43.59	-3.35	-1.23
G4AW7W		50.31	3.31	1.22	49.90	2.96	1.09
GJ2UAD		46.64	-0.37	-0.14	50.72	3.79	1.39
HW6EBH		48.87	1.86	0.69	49.85	2.91	1.07
J2AVWB		43.77	-3.24	-1.19	43.91	-3.02	-1.11
JEYNJC		43.40	-3.61	-1.33	43.96	-2.97	-1.09
JMPAMP		50.43	3.42	1.26	50.10	3.17	1.17
JY68FZ		44.43	-2.57	-0.95	45.76	-1.18	-0.43
K7HH9R		45.42	-1.59	-0.58	45.26	-1.67	-0.61
KNHEHA		44.72	-2.29	-0.84	44.18	-2.75	-1.01
L7FBGJ		43.94	-3.06	-1.13	43.80	-3.13	-1.15
MMFH9Q		48.12	1.12	0.41	46.57	-0.36	-0.13
MNR4W7		44.99	-2.02	-0.74	45.01	-1.92	-0.71
NA82ZZ		46.17	-0.84	-0.31	46.54	-0.40	-0.15
NATUEH	*	51.61	4.60	1.69	45.01	-1.92	-0.71
NBKQ4C	*	49.51	2.50	0.92	43.59	-3.34	-1.23
P698DH		42.33	-4.68	-1.72	43.30	-3.63	-1.33
P6CLQJ		49.94	2.93	1.08	45.80	-1.13	-0.42

WebCode	Data Flag	Sample C95 Lab Mean	Sample C95 Diff from Grand Mean	Sample C95 CPV	Sample C96 Lab Mean	Sample C96 Diff from Grand Mean	Sample C96 CPV
PTGD7V		44.98	-2.03	-0.75	45.24	-1.69	-0.62
PUM8EZ		44.92	-2.09	-0.77	47.34	0.41	0.15
QHA8H8		45.69	-1.32	-0.48	47.73	0.80	0.29
R6M8DQ		49.38	2.37	0.87	52.26	5.33	1.96
RWPF6W		49.44	2.43	0.90	49.80	2.87	1.05
T6J8QV		46.27	-0.74	-0.27	47.35	0.42	0.15
T9HJLV		46.55	-0.45	-0.17	46.65	-0.29	-0.11
TDALU2		50.98	3.97	1.46	46.81	-0.12	-0.04
TTMBFG		42.54	-4.47	-1.64	47.42	0.49	0.18
U4W3K2		50.47	3.46	1.27	49.54	2.61	0.96
UDRYVJ		46.45	-0.56	-0.20	44.38	-2.55	-0.94
UFBZP6		42.64	-4.37	-1.61	44.03	-2.91	-1.07
UN8T7C		42.66	-4.35	-1.60	42.62	-4.31	-1.58
UQTPE3		44.26	-2.75	-1.01	43.84	-3.09	-1.14
UVAX33		45.38	-1.63	-0.60	50.62	3.69	1.36
UZ6P9D		49.59	2.58	0.95	47.53	0.60	0.22
V9U2GC		47.98	0.97	0.36	49.97	3.04	1.12
VAHHPY		48.82	1.81	0.67	47.24	0.30	0.11
W3FTKZ		48.86	1.85	0.68	47.64	0.71	0.26
WPCFE2		50.10	3.10	1.14	48.21	1.28	0.47
XAFKFF		44.54	-2.47	-0.91	43.68	-3.25	-1.19
XDGLGX		50.06	3.05	1.12	48.78	1.85	0.68
XJL3DD		45.74	-1.27	-0.47	45.35	-1.58	-0.58
XNEDXB		49.61	2.60	0.96	47.87	0.94	0.35
ZH2EG3		46.05	-0.95	-0.35	46.21	-0.72	-0.26
ZTWKBZ		47.42	0.41	0.15	49.75	2.82	1.04

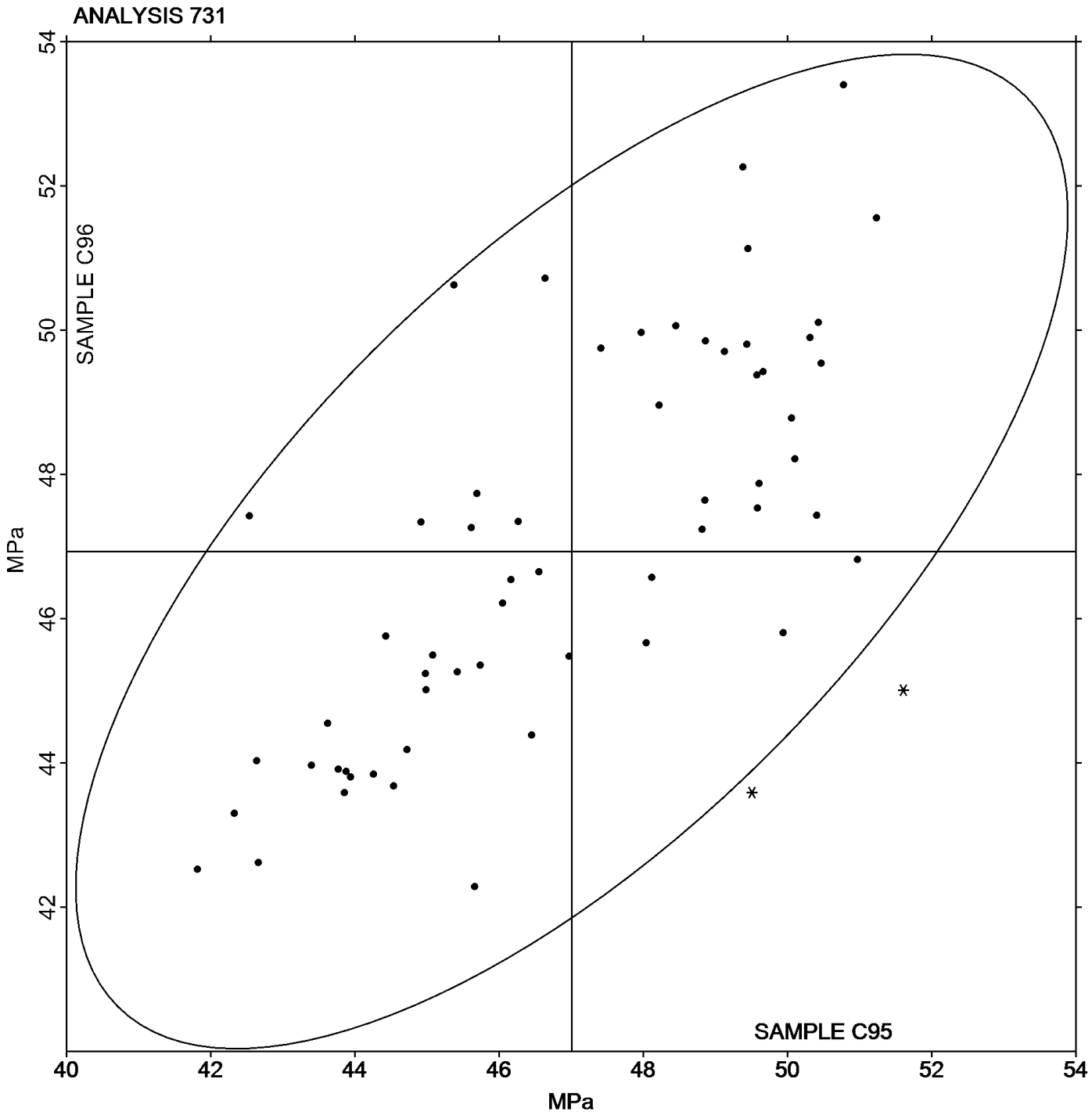
Summary Statistics

	Sample C95	Sample C96
Grand Means	47.007 MPa	46.932 MPa
Stnd Dev Btwn Labs	2.716 MPa	2.722 MPa

Statistics based on 61 of 61 reporting participants

Sample C95: ABS/PC & Sample C96: ABS/PC

Grand Mean Sample C95: 47.007 MPa Grand Mean Sample C96: 46.932 MPa



WebCode	Data Flag	Sample C95 Lab Mean	Sample C95 Diff from Grand Mean	Sample C95 CPV	Sample C96 Lab Mean	Sample C96 Diff from Grand Mean	Sample C96 CPV
2LEEDU	X	1.766	-2.426	-19.44	1.852	-2.324	-19.74
3B9UN7		4.024	-0.168	-1.35	4.026	-0.150	-1.27
3GDQAR		4.136	-0.057	-0.45	4.149	-0.027	-0.23
6MXR7M		4.316	0.124	0.99	4.282	0.105	0.89
87LJTP		4.042	-0.150	-1.20	4.052	-0.124	-1.06
8G2MPN		4.020	-0.172	-1.38	4.080	-0.096	-0.82
9BFZJP		4.282	0.090	0.72	4.282	0.106	0.90
9PEVQP		4.138	-0.054	-0.44	4.126	-0.050	-0.43
B8R8H7		4.260	0.068	0.54	4.270	0.094	0.80
BC2NRU		4.152	-0.040	-0.32	4.166	-0.010	-0.09
C9TTKW		4.128	-0.064	-0.52	4.108	-0.068	-0.58
CCDTFJ		4.260	0.068	0.54	4.330	0.154	1.30
CNN46U		4.122	-0.070	-0.56	4.222	0.046	0.39
D99B49		4.140	-0.052	-0.42	4.140	-0.036	-0.31
DHXZZW		4.170	-0.022	-0.18	4.204	0.028	0.23
DKHX7E		4.193	0.000	0.00	4.103	-0.073	-0.62
EG24N8		4.334	0.142	1.13	4.238	0.062	0.52
EQMANW		4.342	0.150	1.20	4.384	0.208	1.76
F8Q4UW	X	3.158	-1.034	-8.29	3.172	-1.004	-8.53
G4AW7W		4.172	-0.020	-0.16	4.150	-0.026	-0.22
GE8WJ2		4.132	-0.060	-0.48	4.148	-0.028	-0.24
GJ2UAD	*	3.862	-0.330	-2.65	3.952	-0.224	-1.91
HW6EBH		4.214	0.022	0.17	4.176	0.000	0.00
J2AVWB		4.354	0.162	1.29	4.274	0.098	0.83
JEYNJC		3.934	-0.258	-2.07	3.974	-0.202	-1.72
JMPAMP		4.272	0.080	0.64	4.210	0.034	0.29
JY68FZ	*	4.184	-0.008	-0.07	3.980	-0.196	-1.67
K7HH9R		4.150	-0.042	-0.34	4.178	0.002	0.01
KNHEHA		4.330	0.138	1.10	4.278	0.102	0.86
L7FBGJ	X	4.064	-0.128	-1.03	4.336	0.160	1.36
MMFH9Q		4.282	0.090	0.72	4.252	0.076	0.64
MNR4W7		4.184	-0.008	-0.07	4.132	-0.044	-0.38
NA82ZZ		4.124	-0.068	-0.55	4.133	-0.043	-0.37
NBKQ4C		4.282	0.090	0.72	4.120	-0.056	-0.48
NL466U		4.290	0.098	0.78	4.282	0.106	0.90

WebCode	Data Flag	Sample C95 Lab Mean	Sample C95 Diff from Grand Mean	Sample C95 CPV	Sample C96 Lab Mean	Sample C96 Diff from Grand Mean	Sample C96 CPV
P698DH	X	3.522	-0.670	-5.37	3.638	-0.538	-4.57
P6CLQJ		4.360	0.168	1.34	4.300	0.124	1.05
PTGD7V		4.254	0.062	0.49	4.184	0.008	0.06
PUM8EZ		4.218	0.026	0.21	4.214	0.038	0.32
QHA8H8	X	4.804	0.612	4.90	5.374	1.198	10.17
R6M8DQ		4.262	0.070	0.56	4.264	0.088	0.74
RWPF6W	X	3.820	-0.372	-2.98	3.640	-0.536	-4.56
T6J8QV		4.152	-0.040	-0.32	4.198	0.022	0.18
T9HJLV	*	4.118	-0.074	-0.60	3.936	-0.240	-2.04
TDALU2		3.888	-0.304	-2.44	3.952	-0.224	-1.91
U4W3K2		4.292	0.100	0.80	4.268	0.092	0.78
UDRYVJ	X	7.070	2.878	23.05	7.028	2.852	24.22
UFBZP6		4.160	-0.032	-0.26	4.080	-0.096	-0.82
UN8T7C	*	4.418	0.226	1.81	4.502	0.326	2.77
UQTPE3		4.140	-0.052	-0.42	4.140	-0.036	-0.31
UVAX33		4.290	0.098	0.78	4.278	0.102	0.86
UXDQUF	X	4.372	0.180	1.44	4.634	0.458	3.89
UZ6P9D		3.984	-0.208	-1.67	4.030	-0.146	-1.24
VAHHPY		4.274	0.082	0.65	4.270	0.094	0.80
W3FTKZ	X	3.146	-1.046	-8.38	2.851	-1.325	-11.26
WPCFE2	*	4.284	0.092	0.73	4.076	-0.100	-0.85
XAFKFF		4.120	-0.072	-0.58	4.100	-0.076	-0.65
XDGLGX		4.230	0.038	0.30	4.242	0.066	0.56
XJL3DD		4.457	0.265	2.12	4.366	0.190	1.61
XNEDXB	X	3.350	-0.842	-6.75	3.366	-0.810	-6.88
ZH2EG3		4.176	-0.016	-0.13	4.254	0.078	0.66
ZTWKBZ		4.102	-0.090	-0.72	4.117	-0.059	-0.50

Summary Statistics

	Sample C95	Sample C96
Grand Means	4.1924 Percent	4.1764 Percent
Stnd Dev Btwn Labs	0.1248 Percent	0.1177 Percent

Statistics based on 52 of 62 reporting participants

Sample C95: ABS/PC & Sample C96: ABS/PC

Comments on Assigned Data Flags for Test #732

RWPF6W (X) - Data for both samples are low. Possible Systematic Error.

L7FBGJ (X) - Inconsistent in testing between samples.

UXDQUF (X) - Data for sample C96 are high. Inconsistent within the determinations of both samples.

UDRYVJ (X) - Extreme data.

F8Q4UW (X) - Data for both samples are low. Inconsistent within the determinations of both samples.

P698DH (X) - Data for both samples are low. Possible Systematic Error.

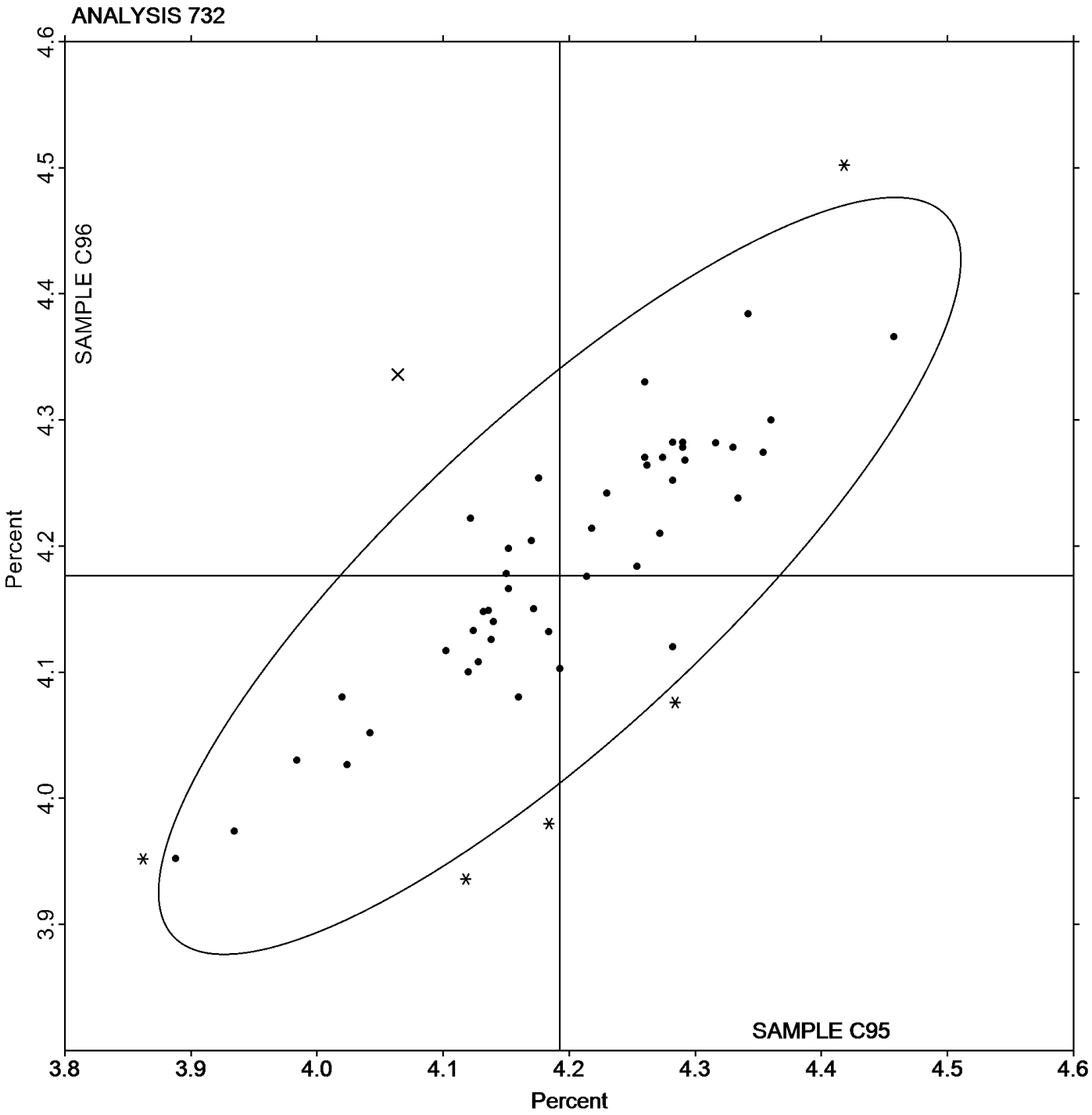
XNEDXB (X) - Data for both samples are low. Possible Systematic Error.

2LEEDU (X) - Extreme data.

W3FTKZ (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample C95.

QHA8H8 (X) - Data for both samples are high. Inconsistent within the determinations of both samples.

Grand Mean Sample C95: 4.1924 Percent Grand Mean Sample C96: 4.1764 Percent



WebCode	Data Flag	Sample C95 Lab Mean	Sample C95 Diff from Grand Mean	Sample C95 CPV	Sample C96 Lab Mean	Sample C96 Diff from Grand Mean	Sample C96 CPV
2LEEDU		2,408	107	1.10	2,406	108	1.04
3B9UN7		2,334	34	0.35	2,362	64	0.62
3GDQAR		2,349	48	0.50	2,338	40	0.39
6MXR7M		2,307	6	0.07	2,288	-10	-0.09
87LJTP		2,345	45	0.46	2,360	62	0.60
8G2MPN		2,300	0	0.00	2,303	5	0.05
9BFZJP		2,276	-24	-0.25	2,279	-19	-0.19
9PEVQP		2,297	-4	-0.04	2,310	12	0.12
B8R8H7		2,485	184	1.89	2,494	196	1.89
BC2NRU		2,334	34	0.35	2,340	42	0.40
C9TTKW		2,350	50	0.51	2,349	51	0.50
CCDTFJ		2,244	-57	-0.58	2,238	-60	-0.58
CNN46U		2,230	-70	-0.72	2,174	-124	-1.20
D99B49		2,356	56	0.57	2,315	17	0.16
DHXZZW		2,302	1	0.01	2,315	17	0.16
DKHX7E	X	2,112	-188	-1.93	2,199	-99	-0.96
EG24N8		2,184	-117	-1.20	2,141	-157	-1.52
EQMANW		2,328	28	0.28	2,322	24	0.24
G4AW7W		2,330	29	0.30	2,321	23	0.22
GJ2UAD		2,285	-16	-0.16	2,286	-12	-0.12
HW6EBH		2,319	19	0.19	2,336	38	0.37
J2AVWB		2,309	9	0.09	2,309	11	0.11
JEYNJC		2,248	-53	-0.54	2,265	-33	-0.32
JMPAMP		2,347	47	0.48	2,374	76	0.74
JY68FZ		2,422	122	1.25	2,360	62	0.60
K7HH9R		2,318	18	0.18	2,302	4	0.04
KNHEHA	X	1,943	-357	-3.67	2,003	-295	-2.85
L7FBGJ		2,284	-16	-0.16	2,287	-11	-0.10
MMFH9Q		2,393	93	0.95	2,374	76	0.73
MNR4W7		2,339	39	0.40	2,381	83	0.81
NA82ZZ		2,153	-147	-1.51	2,187	-111	-1.07
NBKQ4C		2,222	-78	-0.80	2,248	-50	-0.48
NL466U		2,241	-60	-0.61	2,246	-52	-0.50
P6CLQJ		2,210	-90	-0.93	2,196	-102	-0.98
PN4VNE		2,325	25	0.26	2,308	10	0.10

WebCode	Data Flag	Sample C95 Lab Mean	Sample C95 Diff from Grand Mean	Sample C95 CPV	Sample C96 Lab Mean	Sample C96 Diff from Grand Mean	Sample C96 CPV
PTGD7V		2,308	8	0.08	2,252	-46	-0.44
PUM8EZ		2,280	-20	-0.21	2,294	-4	-0.04
QHA8H8	X	1,712	-588	-6.04	1,739	-559	-5.40
R6M8DQ		2,204	-96	-0.99	2,179	-119	-1.15
RWPF6W	*	2,584	284	2.91	2,623	325	3.14
T6J8QV	*	2,269	-32	-0.32	2,178	-120	-1.16
T9HJLV	*	2,044	-256	-2.63	2,035	-263	-2.54
TDALU2		2,367	67	0.69	2,357	59	0.57
TTMBFG	X	3,164	864	8.87	3,122	824	7.96
U4W3K2		2,286	-14	-0.15	2,282	-16	-0.15
UDRYVJ		2,085	-216	-2.21	2,081	-217	-2.10
UFBZP6		2,357	57	0.58	2,377	79	0.77
UN8T7C		2,148	-152	-1.56	2,100	-198	-1.91
UQTPE3		2,280	-20	-0.21	2,266	-32	-0.31
UVAX33		2,281	-19	-0.20	2,318	21	0.20
UXDQUF		2,102	-198	-2.03	2,137	-161	-1.55
UZ6P9D		2,298	-2	-0.02	2,319	21	0.20
V9U2GC	X	2,594	294	3.01	2,483	185	1.79
VAHHPY		2,265	-35	-0.36	2,311	14	0.13
WPCFE2		2,321	21	0.22	2,292	-5	-0.05
XAFKFF		2,261	-39	-0.40	2,257	-41	-0.40
XDGLGX		2,383	83	0.85	2,358	60	0.58
XJL3DD		2,331	31	0.32	2,352	54	0.52
XNEDXB	*	2,566	266	2.73	2,592	294	2.84
ZH2EG3		2,390	89	0.92	2,331	33	0.32
ZTWKBZ		2,233	-67	-0.69	2,278	-20	-0.20

Summary Statistics

	Sample C95	Sample C96
Grand Means	2,300.2 MPa	2,297.9 MPa
Stnd Dev Btwn Labs	97.4 MPa	103.5 MPa

Statistics based on 56 of 61 reporting participants

Sample C95: ABS/PC & Sample C96: ABS/PC

Comments on Assigned Data Flags for Test #734

V9U2GC (X) - Data for sample C95 are high. Inconsistent within the determinations of sample C96.

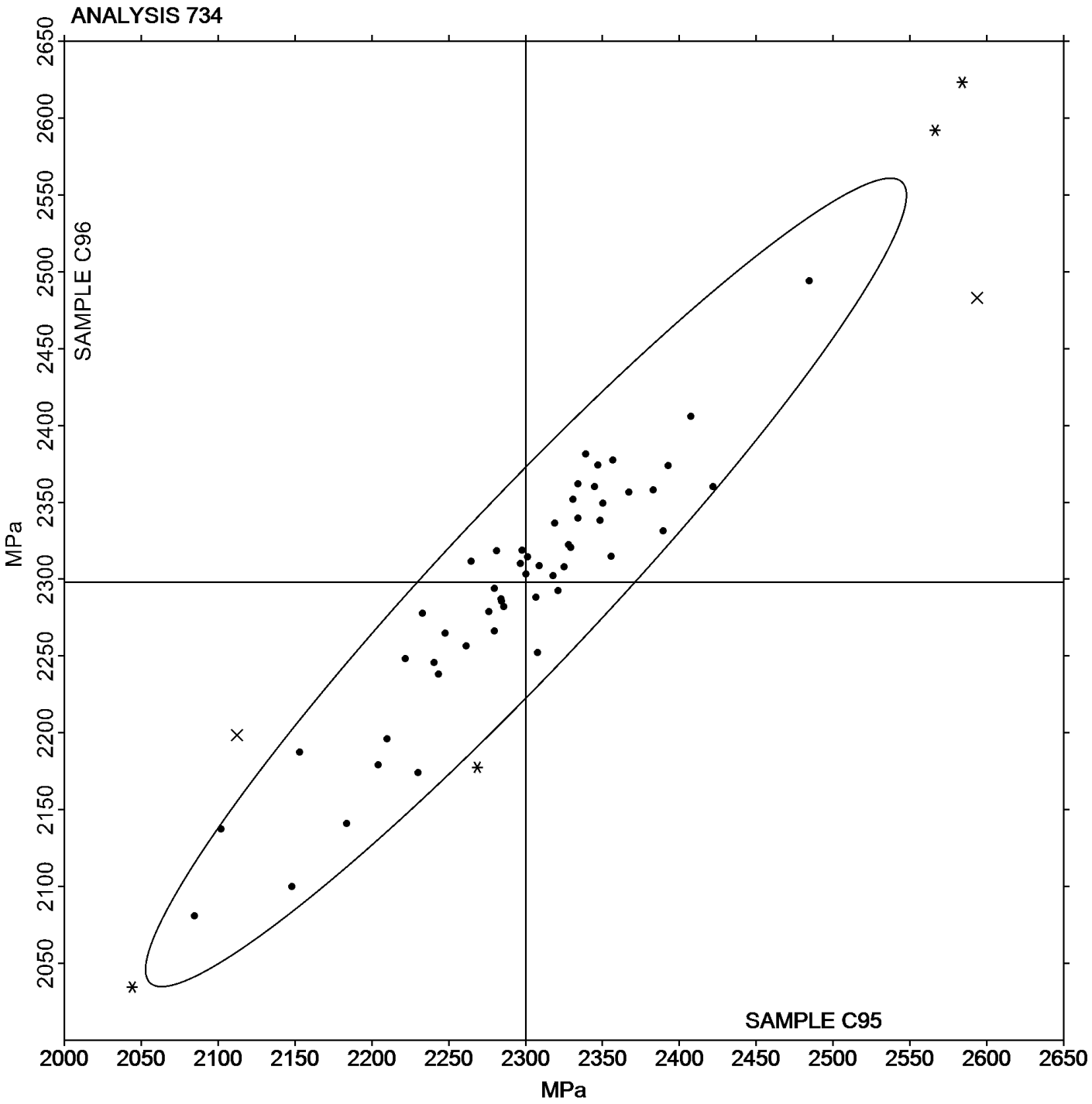
TTMBFG (X) - Data for both samples are high.

DKHX7E (X) - Inconsistent in testing between samples.

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

QHA8H8 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample C96.

Grand Mean Sample C95: 2,300.25 MPa Grand Mean Sample C96: 2,297.86 MPa



WebCode	Data Flag	Sample K95 Lab Mean	Sample K95 Diff from Grand Mean	Sample K95 CPV	Sample K96 Lab Mean	Sample K96 Diff from Grand Mean	Sample K96 CPV
2LEEDU		2,484	165	1.62	2,437	122	1.32
3B9UN7		2,322	3	0.03	2,306	-9	-0.10
4NEDND	X	2,191	-128	-1.25	2,487	172	1.86
6MXR7M		2,137	-182	-1.79	2,147	-168	-1.82
7JWUJ2		2,312	-7	-0.07	2,285	-30	-0.32
87LJTP		2,435	116	1.14	2,428	113	1.22
8G2MPN		2,416	97	0.95	2,397	82	0.89
9BFZJP		2,419	100	0.98	2,414	99	1.07
9PEVQP		2,303	-16	-0.15	2,318	3	0.04
B8R8H7		2,292	-27	-0.26	2,290	-24	-0.26
BC2NRU		2,444	125	1.23	2,436	122	1.32
C9TTKW		2,262	-57	-0.56	2,236	-79	-0.85
CNN46U		2,150	-169	-1.66	2,196	-119	-1.29
D99B49		2,261	-58	-0.57	2,296	-19	-0.20
DHXZZW		2,273	-46	-0.45	2,249	-65	-0.71
EG24N8		2,201	-119	-1.16	2,205	-110	-1.19
EQMANW		2,372	53	0.52	2,357	43	0.46
FGFRRK		2,166	-153	-1.50	2,210	-104	-1.13
G4AW7W		2,317	-3	-0.02	2,293	-22	-0.24
GE8WJ2		2,204	-115	-1.13	2,198	-117	-1.26
GJ2UAD		2,268	-51	-0.50	2,265	-50	-0.54
HMVAZC		2,308	-11	-0.11	2,302	-13	-0.14
HW6EBH		2,210	-109	-1.07	2,211	-104	-1.13
J2AVWB	X	2,246	-73	-0.72	2,321	6	0.07
JEYNJC		2,357	37	0.37	2,382	67	0.73
JMPAMP		2,381	62	0.61	2,390	76	0.82
JY68FZ		2,321	2	0.02	2,302	-13	-0.14
K7HH9R		2,339	20	0.19	2,314	0	0.00
L6LBEE		2,377	58	0.57	2,369	54	0.58
L7FBGJ		2,370	51	0.50	2,378	63	0.68
LVH8DP		2,384	65	0.64	2,366	51	0.56
MNR4W7		2,388	69	0.67	2,385	71	0.77
MVDAGK		2,274	-45	-0.44	2,272	-42	-0.46
NA82ZZ	*	2,541	222	2.18	2,547	232	2.52
NBKQ4C		2,451	132	1.29	2,451	136	1.48

WebCode	Data Flag	Sample K95 Lab Mean	Sample K95 Diff from Grand Mean	Sample K95 CPV	Sample K96 Lab Mean	Sample K96 Diff from Grand Mean	Sample K96 CPV
NGNWGU		2,292	-27	-0.27	2,286	-29	-0.31
NZ2CZA	*	2,381	62	0.61	2,318	3	0.04
P698DH		2,381	61	0.60	2,367	53	0.57
P6CLQJ		2,302	-17	-0.17	2,284	-31	-0.33
PN4VNE		2,323	4	0.04	2,337	23	0.25
PTGD7V		2,341	22	0.21	2,349	34	0.37
PUM8EZ		2,262	-57	-0.56	2,270	-45	-0.48
QHA8H8	X	2,843	524	5.14	2,867	552	5.98
R6M8DQ		2,303	-17	-0.16	2,299	-16	-0.17
RWPF6W	*	2,102	-217	-2.13	2,169	-146	-1.58
T6J8QV		2,134	-185	-1.82	2,169	-146	-1.58
T9HJLV		2,249	-70	-0.69	2,233	-82	-0.88
TTMBFG		2,532	213	2.09	2,482	167	1.81
UFBZP6		2,323	4	0.03	2,304	-10	-0.11
UVAX33		2,350	30	0.30	2,356	41	0.44
UXDQUF	*	2,039	-280	-2.74	2,036	-279	-3.02
UZ6P9D		2,225	-94	-0.92	2,210	-105	-1.13
V9U2GC		2,347	27	0.27	2,335	20	0.22
VAHHPY		2,265	-54	-0.53	2,272	-43	-0.47
WPCFE2		2,411	92	0.90	2,399	84	0.91
XAFKFF		2,319	0	0.00	2,322	7	0.08
XDGLGX		2,403	84	0.83	2,401	86	0.93
XJL3DD	X	2,377	57	0.56	2,280	-35	-0.38
XNEDXB		2,446	127	1.25	2,441	126	1.37
ZH2EG3		2,414	95	0.93	2,368	53	0.58
ZTWKBZ		2,305	-14	-0.14	2,299	-16	-0.17

Summary Statistics

	Sample K95	Sample K96
Grand Means	2,319.1 MPa	2,314.7 MPa
Stnd Dev Btwn Labs	101.9 MPa	92.3 MPa

Statistics based on 57 of 61 reporting participants

Sample K95: ABS/PC & Sample K96: ABS/PC

Comments on Assigned Data Flags for Test #736

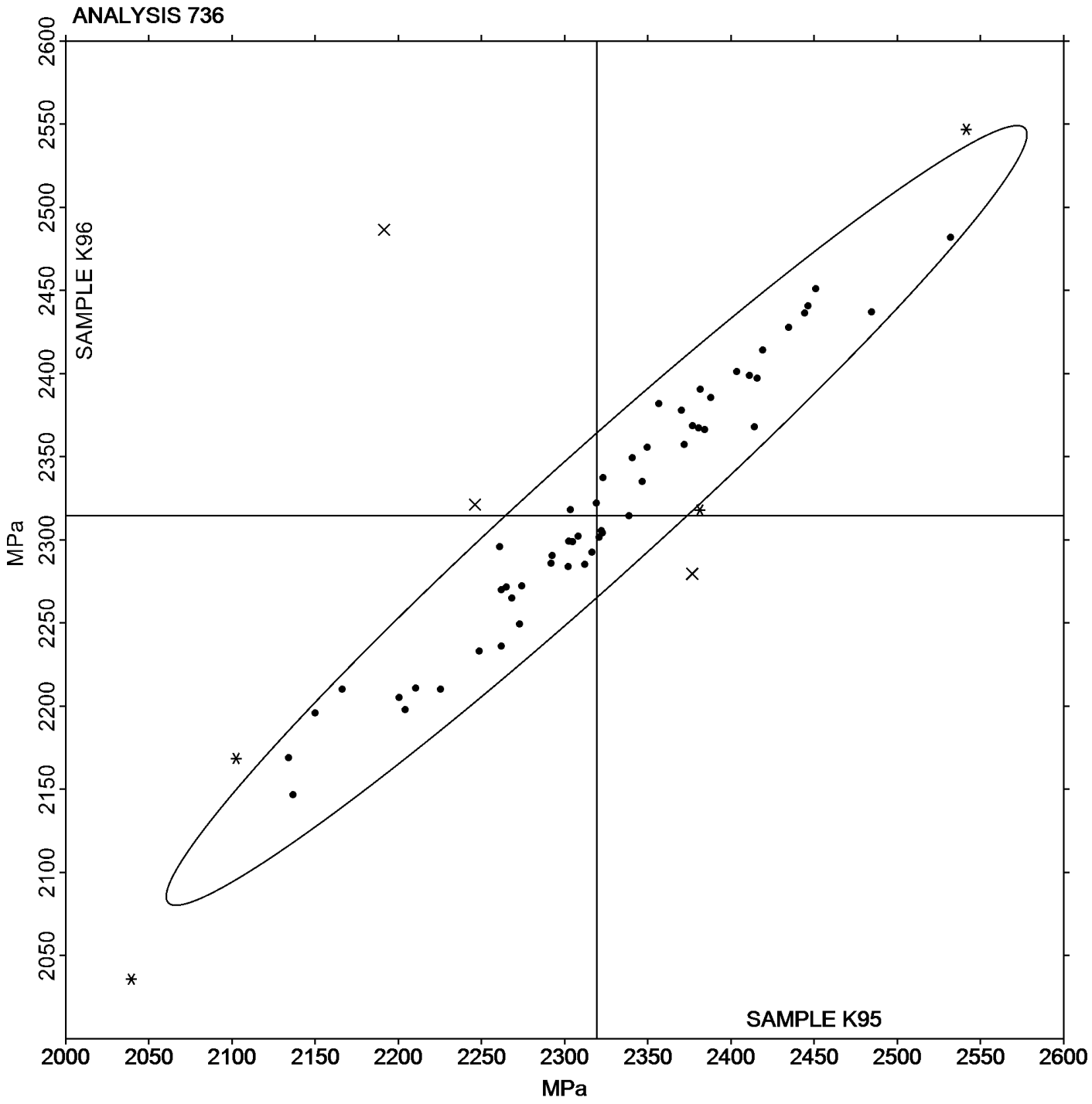
4NEDND (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

XJL3DD (X) - Inconsistent in testing between samples.

J2AVWB (X) - Inconsistent in testing between samples.

QHA8H8 (X) - Data for both samples are high. Possible Systematic Error.

Grand Mean Sample K95: 2,319.11 MPa Grand Mean Sample K96: 2,314.73 MPa



WebCode	Data Flag	Sample K95 Lab Mean	Sample K95 Diff from Grand Mean	Sample K95 CPV	Sample K96 Lab Mean	Sample K96 Diff from Grand Mean	Sample K96 CPV
2LEEDU		75.18	4.10	2.12	73.82	2.95	1.72
3B9UN7		71.02	-0.06	-0.03	71.47	0.59	0.34
4NEDND	X	74.41	3.33	1.72	79.59	8.71	5.09
6MXR7M		69.63	-1.45	-0.75	69.68	-1.19	-0.70
87LJTP		73.86	2.78	1.44	73.60	2.72	1.59
8G2MPN		73.46	2.39	1.23	72.88	2.01	1.17
9BFZJP		70.12	-0.96	-0.50	69.78	-1.10	-0.64
9PEVQP		68.49	-2.59	-1.34	68.88	-1.99	-1.16
B8R8H7		70.63	-0.45	-0.23	70.20	-0.68	-0.40
BC2NRU		73.56	2.48	1.28	72.18	1.31	0.76
C9TTKW		71.46	0.38	0.20	71.02	0.14	0.08
CNN46U		69.23	-1.85	-0.96	69.61	-1.26	-0.74
D99B49		71.01	-0.07	-0.04	71.52	0.64	0.37
DHXZZW		70.16	-0.92	-0.48	69.81	-1.07	-0.62
EG24N8		69.57	-1.51	-0.78	69.82	-1.06	-0.62
EQMANW		68.72	-2.36	-1.22	69.20	-1.68	-0.98
FGFRRK		68.48	-2.60	-1.34	68.81	-2.06	-1.21
G4AW7W		70.38	-0.70	-0.36	70.37	-0.51	-0.30
GJ2UAD		70.09	-0.99	-0.51	69.67	-1.21	-0.71
HW6EBH		68.04	-3.04	-1.57	68.03	-2.85	-1.66
J2AVWB		69.92	-1.16	-0.60	69.92	-0.96	-0.56
JEYNJC		67.67	-3.41	-1.76	67.97	-2.91	-1.70
JMPAMP		70.43	-0.64	-0.33	70.77	-0.11	-0.07
JY68FZ		70.96	-0.12	-0.06	70.37	-0.51	-0.30
K7HH9R		69.98	-1.10	-0.57	69.49	-1.39	-0.81
L7FBGJ		71.01	-0.06	-0.03	71.01	0.13	0.08
MNR4W7		74.59	3.52	1.82	74.62	3.74	2.18
MVDAGK		69.62	-1.46	-0.75	69.52	-1.36	-0.79
NA82ZZ		70.63	-0.45	-0.23	70.79	-0.09	-0.05
NBKQ4C	*	74.51	3.44	1.78	74.79	3.91	2.28
NZ2CZA	*	70.55	-0.52	-0.27	69.13	-1.75	-1.02
P698DH		72.56	1.49	0.77	72.39	1.51	0.88
P6CLQJ		72.14	1.06	0.55	71.62	0.75	0.44
PUM8EZ		70.02	-1.05	-0.55	69.78	-1.10	-0.64
QHA8H8	X	84.53	13.45	6.95	84.82	13.94	8.14

WebCode	Data Flag	Sample K95 Lab Mean	Sample K95 Diff from Grand Mean	Sample K95 CPV	Sample K96 Lab Mean	Sample K96 Diff from Grand Mean	Sample K96 CPV
R6M8DQ		71.18	0.10	0.05	71.11	0.23	0.13
RWPF6W		69.46	-1.62	-0.84	70.64	-0.24	-0.14
T9HJLV		69.70	-1.38	-0.71	69.56	-1.32	-0.77
TTMBFG		74.46	3.38	1.75	73.50	2.62	1.53
UVAX33		71.18	0.10	0.05	71.10	0.22	0.13
UZ6P9D		69.85	-1.23	-0.63	69.72	-1.16	-0.68
V9U2GC		72.39	1.31	0.68	72.30	1.42	0.83
VAHHPY		68.42	-2.66	-1.38	68.64	-2.23	-1.30
WPCFE2		73.59	2.52	1.30	73.28	2.40	1.40
XAFKFF		70.56	-0.52	-0.27	70.22	-0.66	-0.38
XDGLGX		74.12	3.04	1.57	73.64	2.76	1.61
XJL3DD		72.36	1.29	0.66	70.77	-0.11	-0.07
XNEDXB		72.63	1.55	0.80	72.66	1.78	1.04
ZH2EG3		73.12	2.04	1.06	71.62	0.74	0.43
ZTWKBZ	X	79.20	8.12	4.20	79.20	8.33	4.86

Summary Statistics

	Sample K95	Sample K96
Grand Means	71.079 MPa	70.879 MPa
Stnd Dev Btwn Labs	1.935 MPa	1.713 MPa

Statistics based on 47 of 50 reporting participants

Sample K95: ABS/PC & Sample K96: ABS/PC

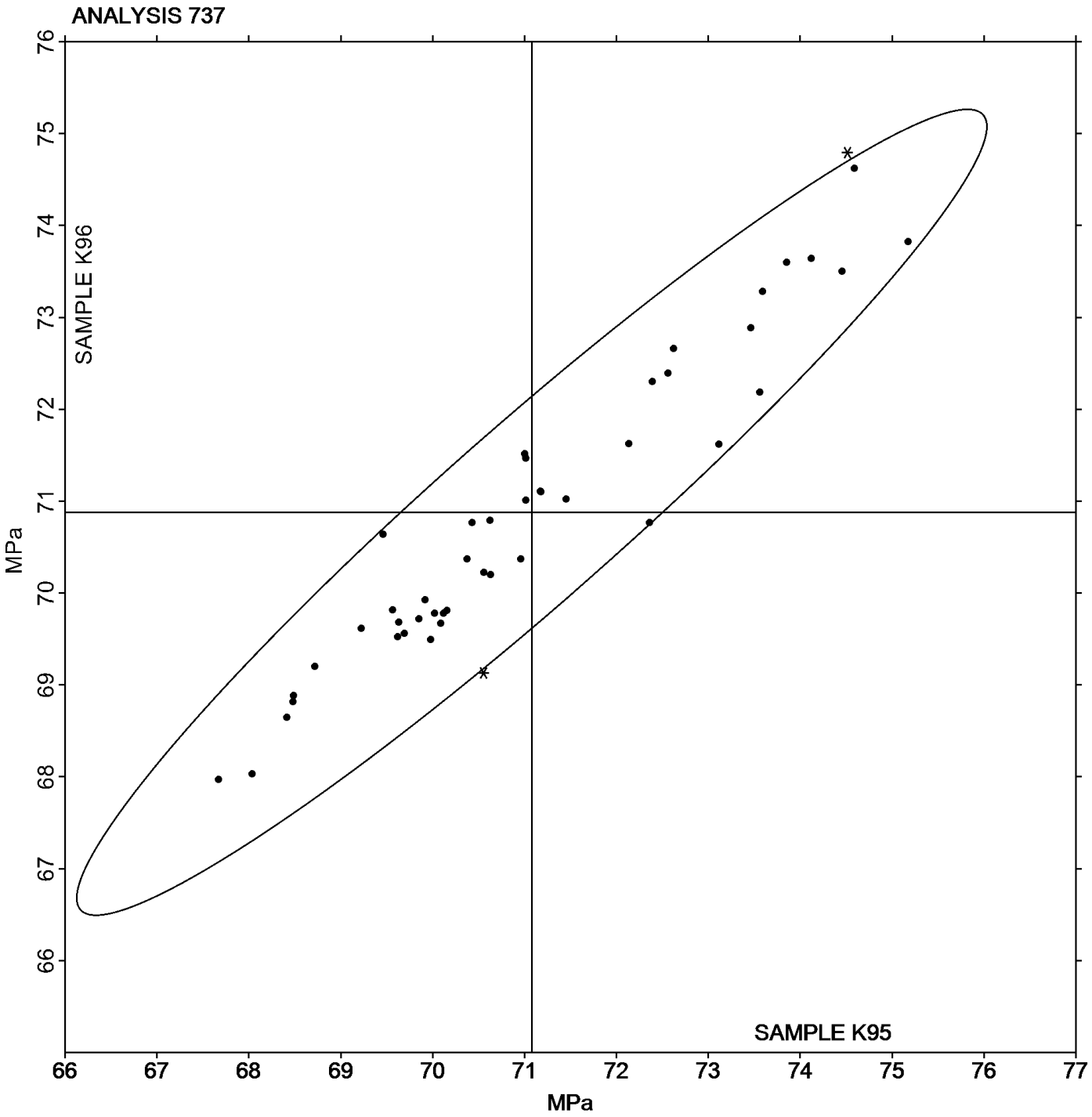
Comments on Assigned Data Flags for Test #737

4NEDND (X) - Data for sample K96 are high.

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

QHA8H8 (X) - Data for both samples are high. Possible Systematic Error.

Grand Mean Sample K95: 71.079 MPa Grand Mean Sample K96: 70.879 MPa



WebCode	Data Flag	Sample K95 Lab Mean	Sample K95 Diff from Grand Mean	Sample K95 CPV	Sample K96 Lab Mean	Sample K96 Diff from Grand Mean	Sample K96 CPV
2LEEDU	*	83.37	3.53	1.63	81.68	1.99	1.02
6MXR7M		77.50	-2.34	-1.08	78.08	-1.62	-0.83
87LJTP		82.60	2.76	1.28	82.39	2.70	1.39
9BFZJP		77.86	-1.98	-0.92	77.23	-2.47	-1.27
9PEVQP		77.23	-2.61	-1.21	77.71	-1.99	-1.02
B8R8H7		79.64	-0.20	-0.09	79.14	-0.56	-0.29
BC2NRU	X	84.37	4.53	2.10	80.44	0.74	0.38
C9TTKW		80.37	0.53	0.25	80.12	0.43	0.22
CNN46U		82.19	2.35	1.09	82.02	2.33	1.20
D99B49		79.15	-0.69	-0.32	79.46	-0.23	-0.12
EG24N8		77.60	-2.24	-1.04	78.20	-1.49	-0.77
EQMANW		76.04	-3.80	-1.76	76.38	-3.31	-1.70
FGFRRK		76.95	-2.89	-1.34	77.26	-2.44	-1.25
GJ2UAD		79.66	-0.18	-0.08	78.54	-1.15	-0.59
J2AVWB		79.59	-0.25	-0.11	79.87	0.18	0.09
JEYNJC	X	68.49	-11.35	-5.26	68.74	-10.95	-5.63
JMPAMP	X	17.44	-62.40	-28.91	18.00	-61.70	-31.69
JY68FZ		80.55	0.71	0.33	79.78	0.09	0.05
K7HH9R		77.61	-2.23	-1.03	77.59	-2.10	-1.08
L7FBGJ		79.44	-0.40	-0.19	79.41	-0.28	-0.15
LVH8DP		81.05	1.21	0.56	80.94	1.25	0.64
MNR4W7		83.86	4.02	1.86	83.42	3.73	1.91
MVDAGK		79.09	-0.75	-0.35	79.25	-0.44	-0.23
NZ2CZA		79.43	-0.41	-0.19	78.56	-1.13	-0.58
P698DH		81.63	1.79	0.83	81.44	1.75	0.90
P6CLQJ		83.05	3.21	1.49	82.08	2.39	1.23
PN4VNE		80.60	0.76	0.35	80.44	0.75	0.38
PTGD7V		83.44	3.60	1.67	83.54	3.85	1.98
PUM8EZ		80.38	0.54	0.25	80.12	0.43	0.22
QHA8H8	X	91.43	11.59	5.37	92.27	12.58	6.46
R6M8DQ		79.85	0.01	0.00	80.01	0.31	0.16
RWPF6W		78.44	-1.40	-0.65	79.70	0.01	0.00
T9HJLV		79.31	-0.53	-0.24	78.86	-0.83	-0.43
UFBZP6		82.02	2.18	1.01	80.98	1.28	0.66
UXDQUF		75.99	-3.85	-1.79	76.02	-3.67	-1.89

WebCode	Data Flag	Sample K95 Lab Mean	Sample K95 Diff from Grand Mean	Sample K95 CPV	Sample K96 Lab Mean	Sample K96 Diff from Grand Mean	Sample K96 CPV
UZ6P9D		79.32	-0.52	-0.24	78.98	-0.71	-0.37
V9U2GC		82.14	2.30	1.06	82.12	2.43	1.25
VAHHPY		76.57	-3.27	-1.51	76.62	-3.07	-1.58
XAFKFF	X	73.32	-6.52	-3.02	72.50	-7.19	-3.70
XNEDXB		81.52	1.68	0.78	81.84	2.14	1.10
ZTWKBZ		79.20	-0.64	-0.30	79.20	-0.49	-0.25

Summary Statistics

	Sample K95	Sample K96
Grand Means	79.840 MPa	79.695 MPa
Stnd Dev Btwn Labs	2.158 MPa	1.947 MPa

Statistics based on 36 of 41 reporting participants

Sample K95: ABS/PC & Sample K96: ABS/PC

Comments on Assigned Data Flags for Test #738

BC2NRU (X) - Inconsistent in testing between samples.

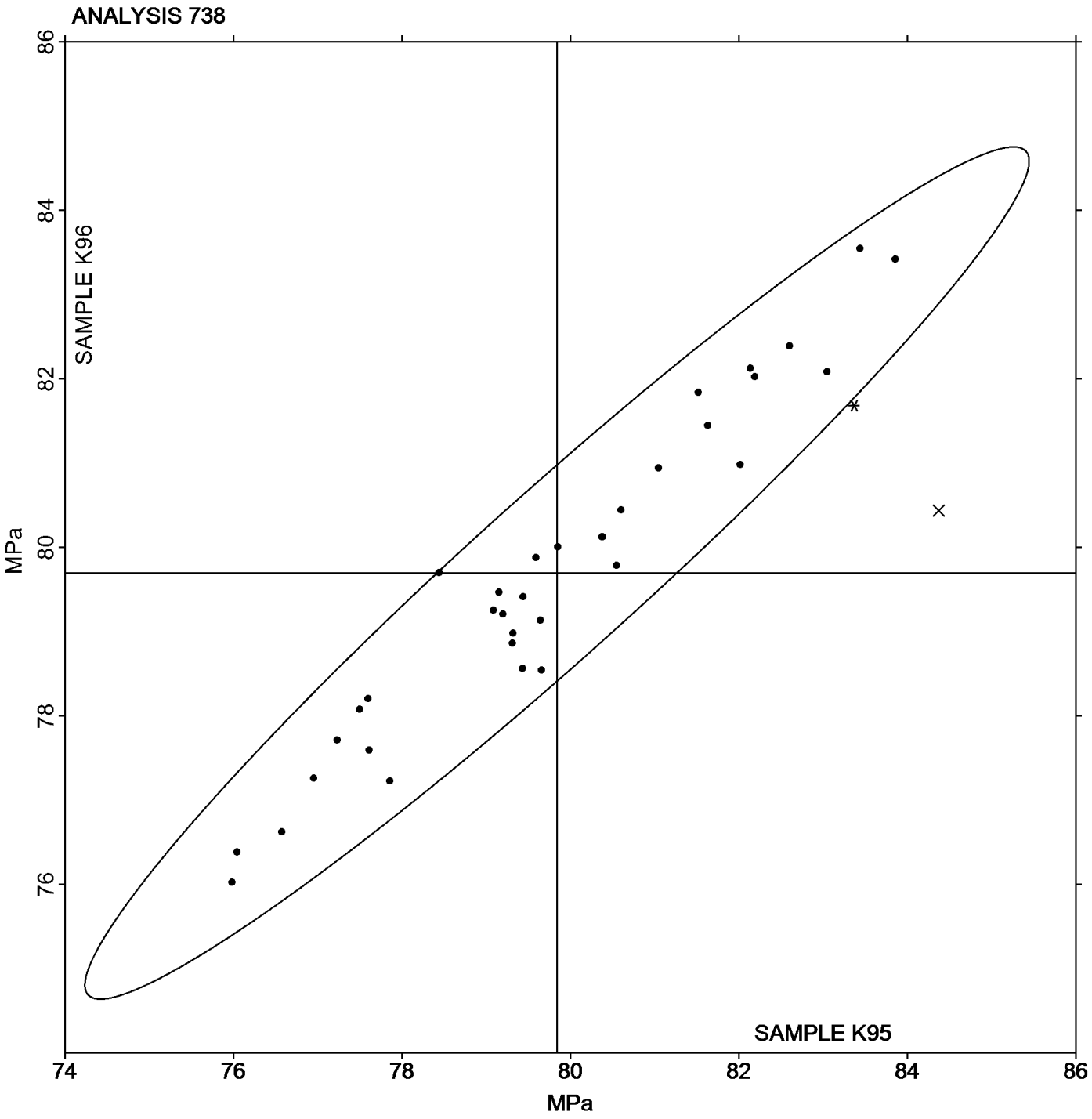
XAFKFF (X) - Data for both samples are low. Possible Systematic Error.

JMPAMP (X) - Extreme data.

QHA8H8 (X) - Data for both samples are high. Possible Systematic Error.

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

Grand Mean Sample K95: 79.840 MPa Grand Mean Sample K96: 79.695 MPa



WebCode	Data Flag	Sample X95 Lab Mean	Sample X95 Diff from Grand Mean	Sample X95 CPV	Sample X96 Lab Mean	Sample X96 Diff from Grand Mean	Sample X96 CPV	Instr Code
2PYCUW	M	No data reported for this sample			4.83	-7.88	-10.89	TM
39NTUK		12.60	0.45	0.61	13.40	0.69	0.95	TY
3EUPF6	X	12.00	-0.15	-0.20	15.03	2.31	3.20	TO
3JHH36		11.29	-0.86	-1.16	12.07	-0.64	-0.89	TO
4MGUX6		12.72	0.57	0.77	13.57	0.86	1.19	RR
4NEDND		11.70	-0.45	-0.60	12.05	-0.66	-0.91	TO
4TQA8T	*	14.20	2.05	2.78	13.95	1.24	1.71	TO
7LGVDM		11.85	-0.30	-0.40	12.90	0.19	0.26	WZ
83QPVN		12.05	-0.10	-0.13	12.50	-0.21	-0.29	CE
873ZLX		11.85	-0.30	-0.40	12.80	0.09	0.12	WZ
87LJTP		11.30	-0.85	-1.15	11.98	-0.73	-1.01	KA
8G2MPN		11.75	-0.40	-0.54	12.17	-0.54	-0.75	WZ
8MCNWD		11.23	-0.92	-1.25	12.52	-0.20	-0.27	TO
99N4UV		12.42	0.27	0.37	12.06	-0.65	-0.90	TO
9BFZJP	X	19.58	7.43	10.06	20.71	7.99	11.04	CE
9PEVQP		11.10	-1.05	-1.42	12.35	-0.36	-0.50	CE
ADGMBJ		13.37	1.22	1.65	13.29	0.58	0.80	KA
AF2G7Y		11.91	-0.24	-0.33	13.00	0.29	0.40	TO
B8R8H7		12.40	0.25	0.34	13.10	0.39	0.54	TO
BC2NRU		12.30	0.15	0.21	12.75	0.04	0.05	TO
BCW9EU		11.61	-0.53	-0.72	11.94	-0.78	-1.07	CE
CNN46U		11.84	-0.31	-0.41	12.35	-0.36	-0.50	WZ
CUVLMV		11.82	-0.32	-0.44	12.55	-0.16	-0.22	TO
D99B49		12.30	0.15	0.21	13.80	1.09	1.50	WZ
DKKJ2U		11.91	-0.23	-0.32	12.78	0.07	0.09	XX
EQMANW		11.02	-1.13	-1.53	11.32	-1.39	-1.92	TO
F8Q4UW		13.99	1.84	2.49	14.10	1.38	1.91	KA
FDFGVK		12.10	-0.05	-0.06	11.80	-0.91	-1.26	XX
FGFRRK		13.00	0.86	1.16	13.04	0.33	0.45	DY
FNEEGY		13.10	0.95	1.29	12.50	-0.21	-0.29	WZ
FNX3YU		11.92	-0.23	-0.30	12.93	0.22	0.30	TO
G4AW7W		11.85	-0.30	-0.40	11.40	-1.31	-1.81	WZ
GJ2UAD		12.22	0.07	0.09	13.30	0.58	0.81	TY
HJGCTP		12.38	0.23	0.31	13.03	0.32	0.44	GO
HMVAZC		12.78	0.63	0.85	13.46	0.75	1.03	XX

WebCode	Data Flag	Sample X95 Lab Mean	Sample X95 Diff from Grand Mean	Sample X95 CPV	Sample X96 Lab Mean	Sample X96 Diff from Grand Mean	Sample X96 CPV	Instr Code
HXVRKM		11.48	-0.67	-0.90	12.17	-0.54	-0.75	CE
JEYNJC		12.65	0.50	0.68	12.86	0.14	0.20	XX
JMPAMP	X	54.41	42.26	57.19	61.48	48.77	67.36	CE
K7HH9R		12.29	0.14	0.19	12.39	-0.32	-0.44	DY
KLQJUF		12.01	-0.14	-0.19	12.44	-0.27	-0.37	TO
L7FBGJ	X	14.75	2.60	3.52	12.10	-0.61	-0.84	TO
LBVH6H	X	5.05	-7.10	-9.61	5.95	-6.77	-9.35	DY
LVH8DP		11.79	-0.36	-0.48	12.34	-0.37	-0.51	TO
M87TWP		11.40	-0.75	-1.01	12.30	-0.41	-0.57	TO
MNR4W7		11.89	-0.26	-0.35	12.31	-0.41	-0.56	DY
N78WXF	*	11.40	-0.75	-1.01	13.30	0.59	0.81	TO
N9D96G		12.09	-0.06	-0.08	13.07	0.35	0.49	DY
NA82ZZ	X	6.51	-5.64	-7.63	7.52	-5.19	-7.17	DY
NATUEH		11.45	-0.70	-0.94	11.74	-0.98	-1.35	TO
NBKQ4C	X	4.20	-7.95	-10.76	3.93	-8.79	-12.14	TO
NGNWGU		12.62	0.47	0.64	13.10	0.38	0.53	XX
P2RNAF		11.63	-0.52	-0.70	12.66	-0.05	-0.07	TO
P698DH		11.71	-0.44	-0.60	12.58	-0.14	-0.19	TO
P6CLQJ		13.25	1.10	1.49	13.55	0.84	1.16	TO
PJ8XBG		13.50	1.35	1.83	13.50	0.79	1.09	WZ
PN4VNE		11.97	-0.18	-0.25	13.42	0.71	0.98	TO
PTGD7V		11.86	-0.29	-0.39	12.02	-0.69	-0.95	WZ
PUM8EZ		11.66	-0.49	-0.66	12.34	-0.37	-0.51	WZ
Q2RYPJ		13.42	1.27	1.72	13.52	0.81	1.12	XX
Q3246T		12.58	0.43	0.59	13.55	0.84	1.16	TO
QA2M4H		12.04	-0.11	-0.15	13.14	0.42	0.59	TO
QHA8H8		10.45	-1.70	-2.30	11.20	-1.51	-2.09	CE
R6M8DQ		12.20	0.05	0.07	12.65	-0.06	-0.08	TO
RW8NVC	*	13.84	1.69	2.28	13.21	0.49	0.68	TO
RWPF6W		11.58	-0.57	-0.77	13.11	0.40	0.55	CE
T6J8QV		11.59	-0.56	-0.75	12.33	-0.38	-0.53	TO
TB3KGG		11.88	-0.27	-0.36	13.04	0.33	0.46	DY
TC3BVC	X	11.80	-0.35	-0.47	8.40	-4.31	-5.96	XX
TF4EPK		12.50	0.35	0.48	13.30	0.59	0.81	TO
UBZ37P		12.19	0.04	0.05	12.59	-0.12	-0.17	CE

Plastics Interlaboratory Testing Program

Analysis 750

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

WebCode	Data Flag	Sample X95 Lab Mean	Sample X95 Diff from Grand Mean	Sample X95 CPV	Sample X96 Lab Mean	Sample X96 Diff from Grand Mean	Sample X96 CPV	Instr Code
ULGTK2	*	13.79	1.64	2.22	14.74	2.02	2.80	CE
UQTPE3		12.09	-0.06	-0.08	12.48	-0.24	-0.33	GO
UZ6P9D		11.90	-0.25	-0.33	12.40	-0.31	-0.43	WZ
UZZAVD		11.82	-0.33	-0.45	12.81	0.10	0.14	TO
V8JVHP		11.87	-0.28	-0.38	12.27	-0.44	-0.61	WZ
VAHHPY		11.00	-1.15	-1.55	10.95	-1.76	-2.43	CE
VPWNXD	X	15.46	3.31	4.48	15.97	3.25	4.50	CE
WN2B2C		13.36	1.21	1.64	14.43	1.71	2.37	DY
WPCFE2		12.02	-0.13	-0.18	12.88	0.16	0.23	DY
XAFKFF		13.29	1.14	1.55	13.56	0.85	1.17	GO
XDGLGX		12.04	-0.11	-0.14	12.15	-0.57	-0.78	DY
XHU7NJ		11.75	-0.40	-0.54	11.65	-1.06	-1.47	KA
XMLBGM		12.02	-0.13	-0.18	12.68	-0.03	-0.04	TO
XZNWW7		12.10	-0.05	-0.06	12.95	0.24	0.33	TO
YL94V7		12.15	0.00	0.00	11.95	-0.76	-1.05	CE
Z36ZG9	X	17.28	5.13	6.95	17.02	4.30	5.94	TO
ZH2EG3		11.22	-0.93	-1.25	11.76	-0.96	-1.32	XX

Summary Statistics

	Sample X95	Sample X96
Grand Means	12.146 grams/10 mins	12.711 grams/10 mins
Stnd Dev Btwn Labs	0.739 grams/10 mins	0.724 grams/10 mins

Statistics based on 76 of 87 reporting participants

Sample X95: PP & Sample X96: PP

Comments on Assigned Data Flags for Test #750

NA82ZZ (X) - Data for both samples are low.
L7FBGJ (X) - Data for sample X95 are high.
LBVH6H (X) - Data for both samples are low.
3EUPF6 (X) - Data for sample X96 are high.
9BFZJP (X) - Data for both samples are high.
NBKQ4C (X) - Data for both samples are low.
2PYCUW (M) - Participant did not submit data for sample X95.
TC3BVC (X) - Data for sample X96 are low.
Z36ZG9 (X) - Data for both samples are high. Possible Systematic Error.
VPWNXD (X) - Data for both samples are high. Possible Systematic Error.
JMPAMP (X) - Extreme data.

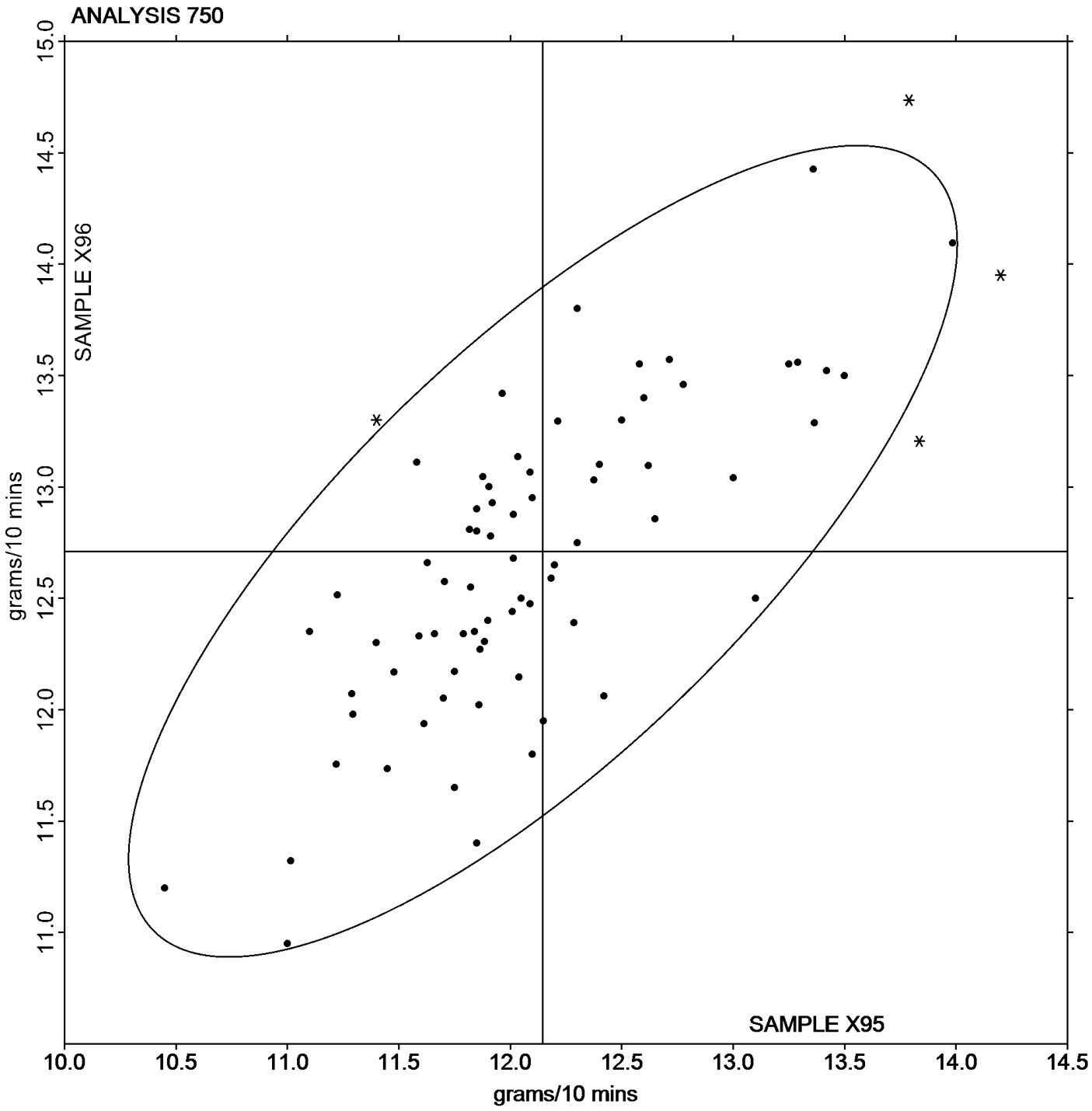
Results by Methodology (as reported by laboratory)

	Sample X95 *PP*			Sample X96 *PP*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Procedure A of ASTM D1238	12.284	0.781	0.14	12.784	0.756	0.07	36/44
Procedure B of ASTM D1238	12.131	0.675	-0.02	12.785	0.530	0.07	17/18
Procedure A of ISO 1133	11.816	0.659	-0.33	12.363	0.820	-0.35	16/17
Procedure B of ISO 1133	12.283	0.797	0.14	12.984	0.640	0.27	6/7

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample X95: 12.146 grams/10 mins Grand Mean Sample X96: 12.711 grams/10 mins



WebCode	Data Flag	Sample Y95 Lab Mean	Sample Y95 Diff from Grand Mean	Sample Y95 CPV	Sample Y96 Lab Mean	Sample Y96 Diff from Grand Mean	Sample Y96 CPV	Instr Code
2LEEDU		0.11633	0.01514	0.78	0.11833	0.01351	0.79	CT
3B9UN7		0.11153	0.01034	0.53	0.10620	0.00138	0.08	AZ
4NEDND		0.09433	-0.00686	-0.35	0.09767	-0.00715	-0.42	ML
7Z2BGM		0.12800	0.02681	1.39	0.12450	0.01968	1.14	MU
87LJTP		0.09000	-0.01119	-0.58	0.09700	-0.00782	-0.45	MU
8G2MPN		0.12233	0.02114	1.09	0.12750	0.02268	1.32	BA
8MCNWD		0.12717	0.02597	1.34	0.12323	0.01841	1.07	ML
8Z2NNF		0.11400	0.01281	0.66	0.12300	0.01818	1.06	CT
99N4UV	*	0.07067	-0.03053	-1.58	0.06567	-0.03915	-2.27	CT
9BFZJP		0.08500	-0.01619	-0.84	0.09000	-0.01482	-0.86	MU
9PEVQP		0.10500	0.00381	0.20	0.11067	0.00585	0.34	MU
BCW9EU		0.08633	-0.01486	-0.77	0.08733	-0.01749	-1.02	MU
CNN46U		0.08543	-0.01576	-0.81	0.08440	-0.02042	-1.19	MU
D99B49		0.08967	-0.01153	-0.60	0.09533	-0.00949	-0.55	MU
EQMANW		0.06267	-0.03853	-1.99	0.07600	-0.02882	-1.67	AZ
FDFGVK		0.10270	0.00151	0.08	0.10417	-0.00065	-0.04	MK
FNEEGY		0.11567	0.01447	0.75	0.11700	0.01218	0.71	MK
GBZN7B		0.10800	0.00681	0.35	0.11750	0.01268	0.74	SB
GL4WUM		0.11567	0.01447	0.75	0.12167	0.01685	0.98	CS
GUGX8B		0.10513	0.00394	0.20	0.10800	0.00318	0.18	XX
HMUDPG		0.12600	0.02481	1.28	0.11800	0.01318	0.77	SA
HT2XML		0.11900	0.01781	0.92	0.12220	0.01738	1.01	AZ
KNHEHA		0.10533	0.00414	0.21	0.10333	-0.00149	-0.09	BA
KPXRAR		0.06267	-0.03853	-1.99	0.07600	-0.02882	-1.67	MU
L7FBGJ		0.10933	0.00814	0.42	0.10433	-0.00049	-0.03	MU
LBVH6H	X	0.20733	0.10614	5.49	0.11837	0.01355	0.79	AZ
MXZTHH		0.08133	-0.01986	-1.03	0.08433	-0.02049	-1.19	MU
NATUEH		0.08430	-0.01689	-0.87	0.08873	-0.01609	-0.93	BA
PTGD7V		0.10973	0.00854	0.44	0.11447	0.00965	0.56	CT
RVWMAD		0.06100	-0.04019	-2.08	0.07233	-0.03249	-1.89	AZ
RW8NVC	*	0.06867	-0.03253	-1.68	0.08867	-0.01615	-0.94	CT
T6J8QV		0.11333	0.01214	0.63	0.11567	0.01085	0.63	AZ
TTMBFG		0.10550	0.00431	0.22	0.11600	0.01118	0.65	CT
UXDQUF		0.11433	0.01314	0.68	0.11800	0.01318	0.77	CT
WGH2PA		0.11027	0.00907	0.47	0.11120	0.00638	0.37	MS

WebCode	Data Flag	Sample Y95 Lab Mean	Sample Y95 Diff from Grand Mean	Sample Y95 CPV	Sample Y96 Lab Mean	Sample Y96 Diff from Grand Mean	Sample Y96 CPV	Instr Code
WPCFE2		0.11987	0.01868	0.97	0.12377	0.01895	1.10	XX
XDGLGX		0.12233	0.02114	1.09	0.12750	0.02268	1.32	BA
XZNWW7		0.09550	-0.00569	-0.29	0.09867	-0.00615	-0.36	XX

Summary Statistics

	Sample Y95	Sample Y96
Grand Means	0.101193 Percent	0.104821 Percent
Stnd Dev Btwn Labs	0.019341 Percent	0.017213 Percent

Statistics based on 37 of 38 reporting participants

Sample Y95: ABS/PC & Sample Y96: ABS/PC

Comments on Assigned Data Flags for Test #755

LBVH6H (X) - Data for sample Y95 are low. Inconsistent within the determinations of sample Y95.

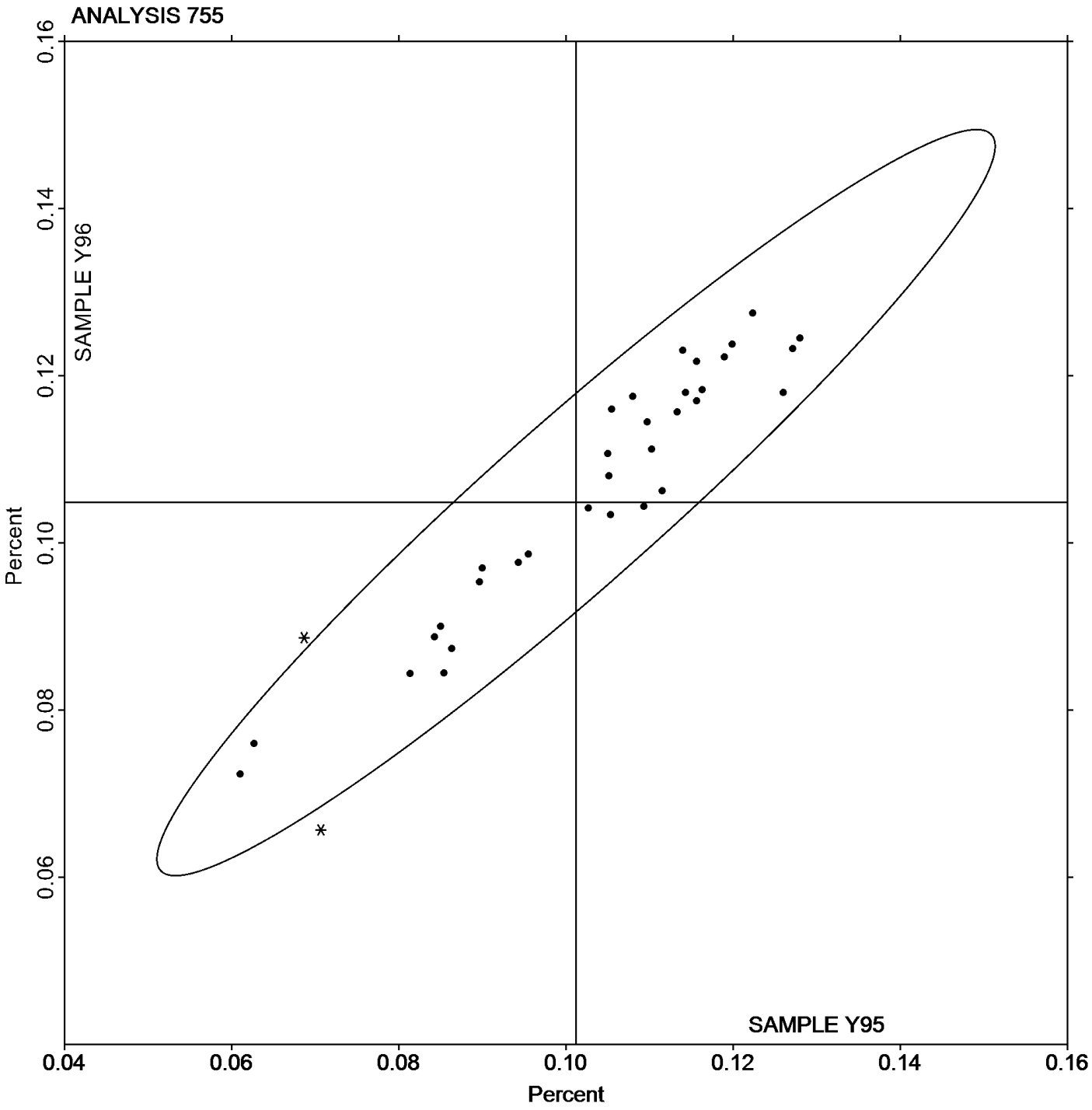
Results by Methodology (as reported by laboratory)

Test Methodology	Sample Y95 ABS/PC Group Mean	Sample Y95 ABS/PC Btwn Lab STD	Sample Y95 ABS/PC Diff from GM	Sample Y96 ABS/PC Group Mean	Sample Y96 ABS/PC Btwn Lab STD	Sample Y96 ABS/PC Diff from GM	Labs Incl / Rpt
ASTM D6869	0.100812	0.018704	-0.0004	0.104433	0.016084	-0.0004	11/11
ISO 15512 Method B	0.093033	0.007399	-0.0082	0.095392	0.008226	-0.0094	4/4
ASTM D6980	0.094324	0.025817	-0.0069	0.099058	0.021770	-0.0058	11/11
ASTM D7191	0.110395	0.013193	0.0092	0.112428	0.013159	0.0076	6/7

Key to Instrument Codes Reported by Participants

AZ	Arizona Instruments Moisture Analyzer	BA	Brabender Aquatrac
CS	Cosa Instruments	CT	Computrac Moisture Analyzer
MK	Mitsubishi KF Analyzer CA	ML	Metrohm Coulometer
MS	Metrohm Coulometer 831 KF	MU	Mettler Toledo
SA	Sartorius MA30	SB	Sartorius Mark 3
XX	Instrument manufacturer not specified by lab		

Grand Mean Sample Y95: 0.10119 Percent Grand Mean Sample Y96: 0.10482 Percent



WebCode	Data Flag	Sample L95 Lab Mean	Sample L95 Diff from Grand Mean	Sample L95 CPV	Sample L96 Lab Mean	Sample L96 Diff from Grand Mean	Sample L96 CPV
2KMJPZ		29.606	-0.092	-1.87	29.627	-0.075	-1.23
2LEEDU		29.685	-0.012	-0.25	29.625	-0.077	-1.26
369K7K		29.681	-0.016	-0.33	29.641	-0.061	-1.00
3B9UN7		29.700	0.003	0.05	29.795	0.093	1.54
4MGUX6		29.715	0.018	0.36	29.740	0.038	0.63
4NEDND		29.685	-0.012	-0.25	29.755	0.053	0.88
7JWUJ2		29.730	0.033	0.66	29.745	0.043	0.71
7LGVDM		29.660	-0.037	-0.76	29.620	-0.082	-1.35
7WHAMZ	X	30.130	0.432	8.79	29.782	0.080	1.32
837C6Q		29.750	0.053	1.07	29.765	0.063	1.04
87LJTP		29.695	-0.002	-0.05	29.810	0.108	1.78
8G2MPN	*	29.550	-0.147	-3.00	29.600	-0.102	-1.68
8MCNWD		29.680	-0.017	-0.35	29.590	-0.112	-1.84
99N4UV	X	29.615	-0.082	-1.68	29.310	-0.392	-6.46
9BFZJP		29.600	-0.097	-1.98	29.700	-0.002	-0.03
ADGMBJ		29.715	0.018	0.36	29.785	0.083	1.37
B8R8H7		29.690	-0.007	-0.15	29.740	0.038	0.63
BCW9EU		29.787	0.090	1.83	29.730	0.029	0.47
CNN46U		29.755	0.058	1.17	29.733	0.031	0.52
D99B49		29.705	0.008	0.15	29.690	-0.012	-0.19
DHXZZW		29.716	0.019	0.38	29.763	0.061	1.01
EG24N8		29.655	-0.042	-0.86	29.660	-0.042	-0.69
EQMANW		29.705	0.008	0.15	29.800	0.098	1.62
F8Q4UW	X	28.720	-0.978	-19.87	28.656	-1.046	-17.24
FNEEGY		29.770	0.073	1.47	29.745	0.043	0.71
G4AW7W		29.695	-0.002	-0.05	29.690	-0.012	-0.19
GL4WUM		29.730	0.033	0.66	29.745	0.043	0.71
HMVAZC		29.665	-0.032	-0.66	29.715	0.013	0.22
HW6EBH		29.705	0.008	0.15	29.635	-0.067	-1.10
L7FBGJ		29.705	0.008	0.15	29.775	0.073	1.21
LVH8DP		29.670	-0.027	-0.56	29.600	-0.102	-1.68
NBKQ4C		29.700	0.003	0.05	29.670	-0.032	-0.52
NGNWGU	X	28.956	-0.741	-15.07	29.471	-0.231	-3.81
NZ2CZA		29.700	0.003	0.05	29.690	-0.012	-0.19
P698DH		29.680	-0.017	-0.35	29.700	-0.002	-0.03

WebCode	Data Flag	Sample L95 Lab Mean	Sample L95 Diff from Grand Mean	Sample L95 CPV	Sample L96 Lab Mean	Sample L96 Diff from Grand Mean	Sample L96 CPV
P6CLQJ		29.695	-0.002	-0.05	29.595	-0.107	-1.76
PN4VNE	X	29.320	-0.377	-7.67	29.355	-0.347	-5.72
PTGD7V	X	29.270	-0.427	-8.69	29.455	-0.247	-4.07
Q2RYPJ		29.710	0.013	0.25	29.710	0.008	0.14
R6M8DQ		29.755	0.058	1.17	29.650	-0.052	-0.85
RVWMAD		29.770	0.073	1.47	29.745	0.043	0.71
RW8NVC		29.760	0.063	1.27	29.725	0.023	0.38
RWPF6W		29.635	-0.062	-1.27	29.640	-0.062	-1.02
T6J8QV		29.755	0.058	1.17	29.790	0.088	1.46
TC3BVC	X	29.595	-0.102	-2.08	29.460	-0.242	-3.98
TF4EPK		29.680	-0.017	-0.35	29.715	0.013	0.22
TTMBFG	X	29.900	0.203	4.12	29.500	-0.202	-3.33
UN8T7C		29.720	0.023	0.46	29.690	-0.012	-0.19
UQTPE3		29.760	0.063	1.27	29.735	0.033	0.55
UVAX33		29.735	0.038	0.76	29.725	0.023	0.38
UZ6P9D	*	29.565	-0.132	-2.69	29.590	-0.112	-1.84
V8JVHP		29.700	0.003	0.05	29.715	0.013	0.22
WC7DND		29.650	-0.047	-0.96	29.700	-0.002	-0.03
WGH2PA		29.670	-0.027	-0.56	29.665	-0.037	-0.61
WPCFE2		29.725	0.028	0.56	29.675	-0.027	-0.44
XAFKFF		29.710	0.013	0.25	29.770	0.068	1.13
XDGLGX		29.695	-0.002	-0.05	29.670	-0.032	-0.52
XZNWW7	X	29.505	-0.192	-3.91	29.605	-0.097	-1.59

Summary Statistics

	Sample L95	Sample L96
Grand Means	29.6975 Percent	29.7017 Percent
Stnd Dev Btwn Labs	0.0492 Percent	0.0607 Percent

Statistics based on 49 of 58 reporting participants

Sample L95: PBT & Sample L96: PBT

Comments on Assigned Data Flags for Test #757

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

PTGD7V (X) - Data for both samples are low.

PN4VNE (X) - Data for both samples are low. Inconsistent within the determinations of both samples.

99N4UV (X) - Data for sample L96 are low. Inconsistent within the determinations of sample L96.

7WHAMZ (X) - Data for sample L95 are high. Inconsistent within the determinations of sample L95.

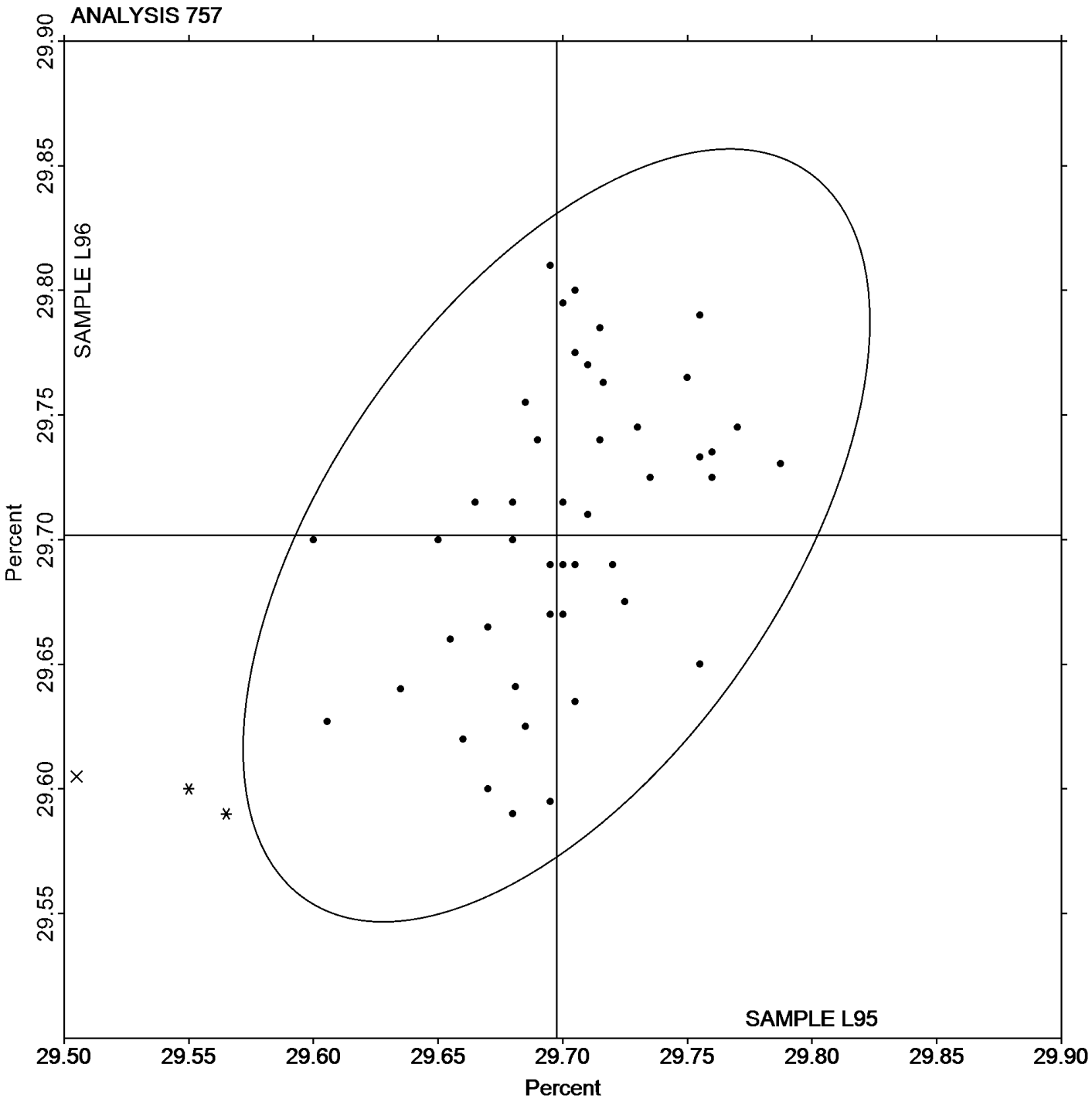
F8Q4UW (X) - Data for both samples are low. Inconsistent within the determinations of sample L96.

TC3BVC (X) - Data for sample L96 are low. Inconsistent within the determinations of sample L96.

XZNWW7 (X) - Data for sample L95 are low.

TTMBFG (X) - Data for sample L95 are high and data for sample L96 are low.

Grand Mean Sample L95: 29.697 Percent Grand Mean Sample L96: 29.702 Percent



WebCode	Data Flag	Sample A95 Lab Mean	Sample A95 Diff from Grand Mean	Sample A95 CPV	Sample A96 Lab Mean	Sample A96 Diff from Grand Mean	Sample A96 CPV	Instr Code
7WHAMZ	M	78.88	-0.38	-0.50	No data reported for this sample			PE
87LJTP		79.11	-0.15	-0.20	78.96	-0.14	-0.13	TA
8MCNWD		80.12	0.86	1.16	79.54	0.44	0.41	TA
C74D7U		79.68	0.42	0.57	79.57	0.48	0.44	TA
C9TTKW		79.74	0.48	0.64	80.94	1.85	1.71	XX
HK46ER		80.76	1.50	2.01	79.70	0.60	0.56	TA
K7HH9R		78.31	-0.95	-1.27	78.55	-0.54	-0.50	TA
LVH8DP		78.04	-1.22	-1.63	76.31	-2.79	-2.57	PE
Q2RYPJ		78.95	-0.31	-0.41	79.56	0.47	0.43	TA
RVWMAD		79.30	0.04	0.06	79.15	0.06	0.05	TA
T6J8QV		78.92	-0.34	-0.46	79.68	0.58	0.54	TA
UZ6P9D		79.44	0.18	0.24	78.97	-0.13	-0.12	TA
WPCFE2		79.50	0.24	0.33	79.31	0.22	0.20	TA
XAFKFF		78.49	-0.77	-1.03	77.99	-1.11	-1.02	XX

Summary Statistics

	Sample A95	Sample A96
Grand Means	79.257 Percent	79.092 Percent
Stnd Dev Btwn Labs	0.747 Percent	1.086 Percent

Statistics based on 13 of 14 reporting participants

Sample A95: PP & Sample A96: PP

Comments on Assigned Data Flags for Test #758

7WHAMZ (M) - Participant did not submit data for sample A96.

Results by Methodology (as reported by laboratory)

Test Methodology	Sample A95 PP Group Mean	Sample A95 PP Btwn Lab STD	Sample A95 PP Diff from GM	Sample A96 PP Group Mean	Sample A96 PP Btwn Lab STD	Sample A96 PP Diff from GM	Labs Incl / Rpt
ASTM D3850	79.323	0.900	0.07	78.861	1.297	-0.23	6/7
ISO 11358	79.235	0.672	-0.02	79.221	0.411	0.13	5/5

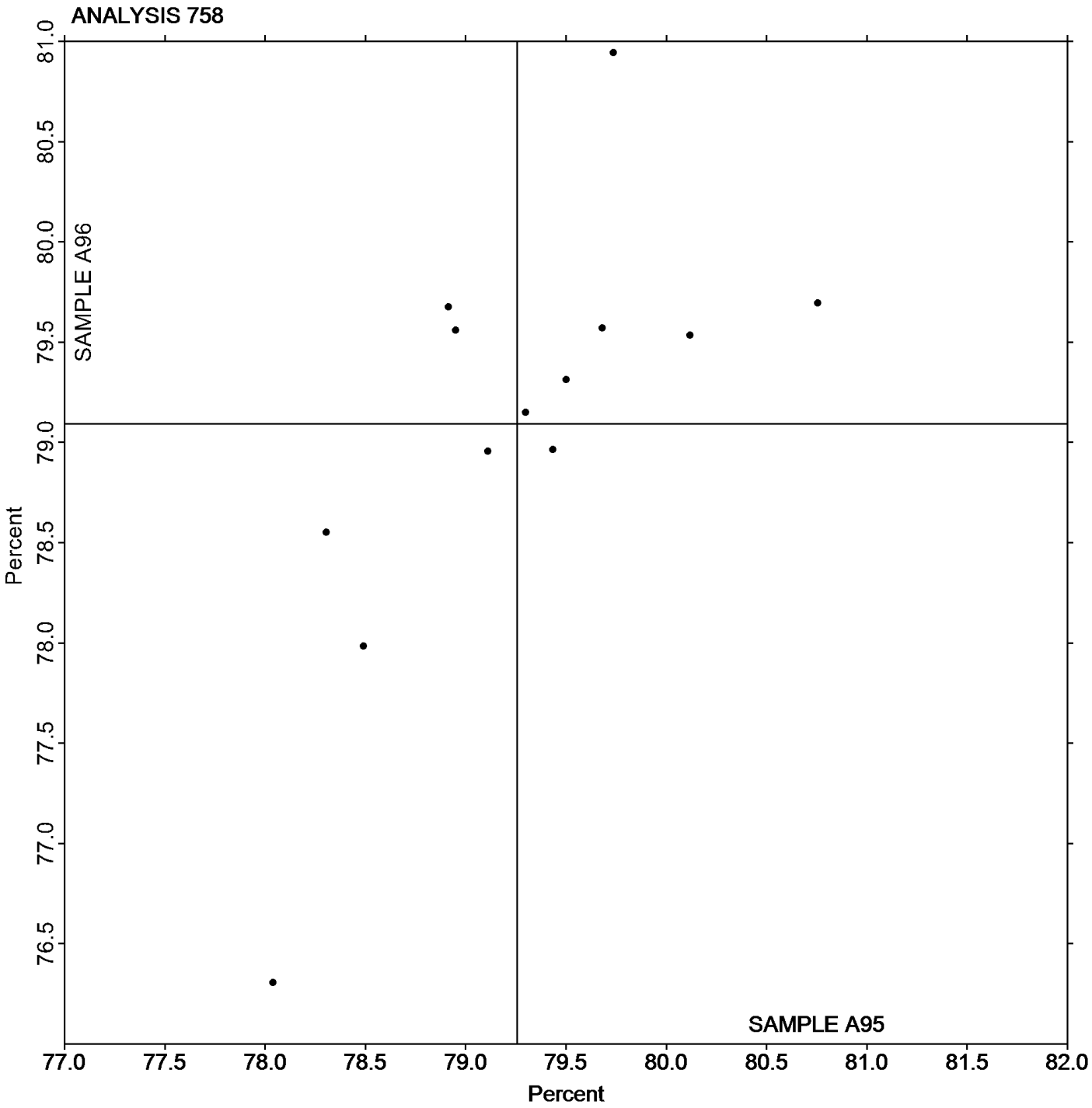
Key to Instrument Codes Reported by Participants

PE Perkins Elmer Instruments

TA TA Instruments

XX Instrument manufacturer not specified by lab

Grand Mean Sample A95: 79.257 Percent Grand Mean Sample A96: 79.092 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 W95 Lab Mean	Sample W95 Diff from Grand Mean	Sample W95 CPV	Sample W96 Lab Mean	Sample W96 Diff from Grand Mean	Sample W96 CPV	Instr Code
2ZED2Q		174.70	0.82	0.15	174.83	0.91	0.17	NZ
39NTUK		181.55	7.67	1.39	181.58	7.66	1.41	SH
3WDH49		168.93	-4.94	-0.90	168.63	-5.29	-0.97	NZ
4E6ZKN		171.81	-2.07	-0.38	171.81	-2.11	-0.39	TA
9BFZJP		175.05	1.18	0.21	174.96	1.04	0.19	TA
C74D7U	*	189.92	16.04	2.91	189.30	15.38	2.84	TA
C9TTKW		179.80	5.93	1.08	178.87	4.95	0.91	XX
CNN46U		179.45	5.57	1.01	179.46	5.54	1.02	TA
DA8EWJ		176.05	2.17	0.39	176.25	2.33	0.43	TA
E69MY7	*	167.11	-6.77	-1.23	168.26	-5.66	-1.04	TA
G4AW7W		170.37	-3.51	-0.64	170.30	-3.62	-0.67	TA
GUGX8B		169.07	-4.81	-0.87	168.60	-5.32	-0.98	XX
HMVAZC		174.84	0.96	0.17	174.93	1.01	0.19	TA
HW6EBH	X	173.17	-0.71	-0.13	175.47	1.55	0.29	TA
JEYNJC		177.73	3.86	0.70	177.60	3.68	0.68	TA
K7HH9R		177.40	3.52	0.64	177.16	3.24	0.60	TA
KGZZ2X		168.51	-5.37	-0.97	168.87	-5.05	-0.93	PE
LVH8DP	*	184.77	10.89	1.98	185.60	11.68	2.15	TA
MN9MEH	X	199.86	25.98	4.71	199.75	25.83	4.76	TA
MNR4W7		170.42	-3.45	-0.63	170.10	-3.82	-0.70	TA
NA82ZZ		183.42	9.55	1.73	183.53	9.61	1.77	TA
NGNWGU		171.06	-2.82	-0.51	171.60	-2.32	-0.43	TA
PJ8XBG		170.06	-3.81	-0.69	170.60	-3.32	-0.61	TA
PTGD7V		171.32	-2.55	-0.46	171.06	-2.86	-0.53	TA
Q2RYPJ		169.87	-4.01	-0.73	169.67	-4.25	-0.78	TA
QHA8H8		172.91	-0.97	-0.18	172.58	-1.34	-0.25	MT
U4W3K2		174.98	1.11	0.20	175.31	1.39	0.26	PE
UDRYVJ		169.97	-3.91	-0.71	169.64	-4.28	-0.79	MT
UZ6P9D		172.76	-1.12	-0.20	173.28	-0.64	-0.12	TA
UZXRP2		172.23	-1.64	-0.30	172.10	-1.82	-0.34	TA
V8JVHP		174.66	0.78	0.14	174.91	0.99	0.18	TA
VAHHPY		167.31	-6.57	-1.19	168.19	-5.73	-1.06	TA
WPCFE2		168.76	-5.12	-0.93	168.94	-4.98	-0.92	TA
XAFKFF		178.55	4.67	0.85	178.19	4.27	0.79	TA
XDGLGX		169.40	-4.47	-0.81	169.60	-4.32	-0.80	XX

WebCode	Data Flag	Sample W95 Lab Mean	Sample W95 Diff from Grand Mean	Sample W95 CPV	Sample W96 Lab Mean	Sample W96 Diff from Grand Mean	Sample W96 CPV	Instr Code
XZNWW7		167.10	-6.78	-1.23	166.93	-6.99	-1.29	NZ

Summary Statistics

	Sample W95	Sample W96
Grand Means	173.877 Degrees Celsius	173.919 Degrees Celsius
Stnd Dev Btwn Labs	5.510 Degrees Celsius	5.422 Degrees Celsius

Statistics based on 34 of 36 reporting participants

Sample W95: PBT & Sample W96: PBT

Comments on Assigned Data Flags for Test #760

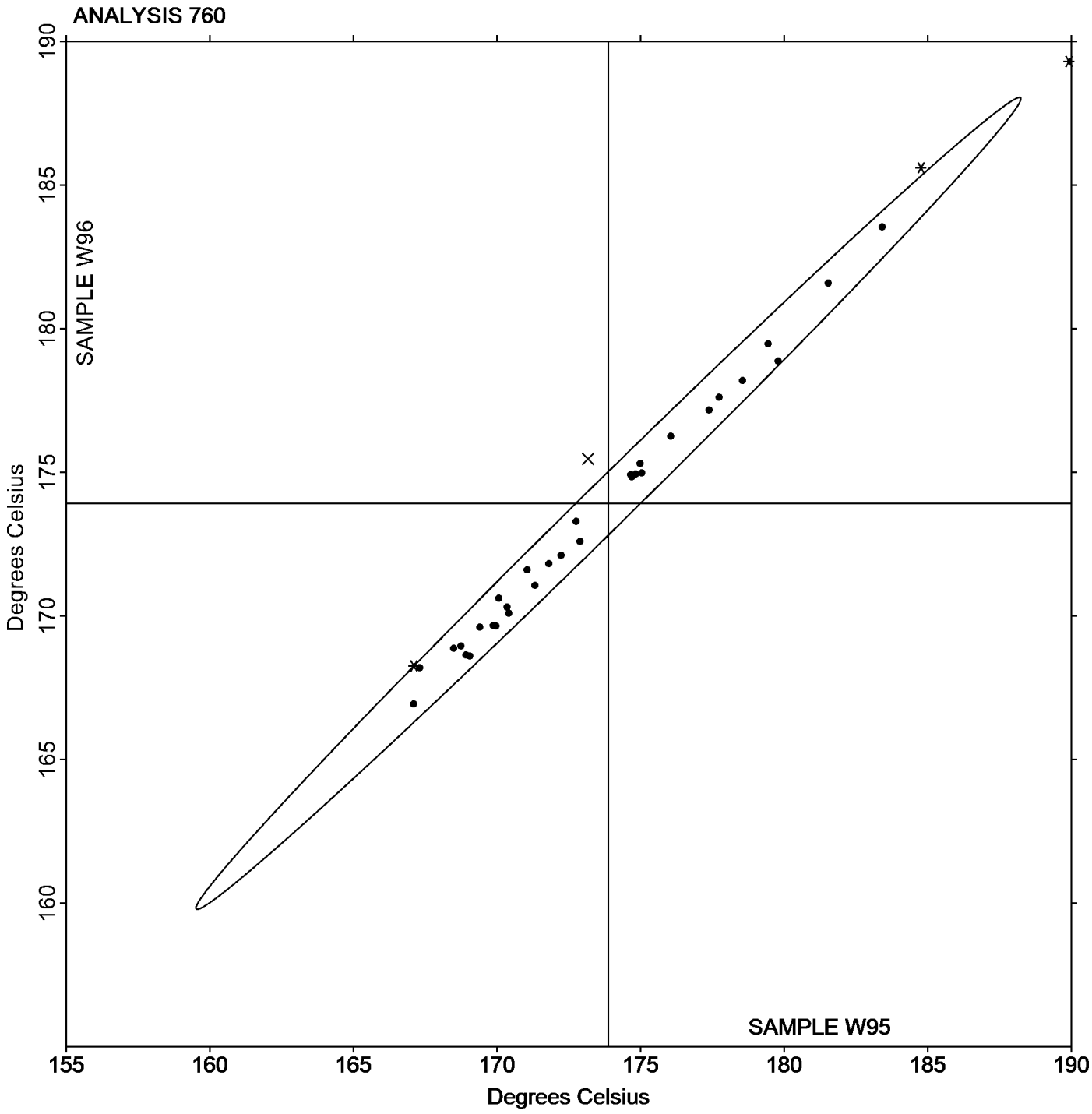
HW6EBH (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample W95.

MN9MEH (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample W95.

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 W95: 173.88 Degrees Celsius Grand Mean Sample W96: 173.92 Degrees Celsius



WebCode	Data Flag	Sample W95 Lab Mean	Sample W95 Diff from Grand Mean	Sample W95 CPV	Sample W96 Lab Mean	Sample W96 Diff from Grand Mean	Sample W96 CPV	Instr Code
2UU43U		222.59	-0.65	-0.55	222.84	-0.37	-0.31	TA
2ZED2Q		220.43	-2.80	-2.37	220.40	-2.81	-2.35	NZ
369K7K		222.66	-0.58	-0.49	222.89	-0.32	-0.27	TA
39NTUK		223.99	0.75	0.63	224.54	1.33	1.11	SH
3B9UN7	X	226.37	3.14	2.65	225.11	1.90	1.59	TA
3WDH49		222.10	-1.14	-0.96	222.13	-1.08	-0.90	NZ
4E6ZKN		222.66	-0.58	-0.49	222.91	-0.30	-0.25	TA
8MCNWD		223.84	0.61	0.51	224.24	1.03	0.86	TA
9BFZJP		223.35	0.11	0.09	223.94	0.72	0.61	TA
C74D7U		222.04	-1.20	-1.01	222.19	-1.02	-0.85	TA
C9TTKW		224.00	0.76	0.65	224.33	1.12	0.93	XX
CNN46U		222.17	-1.06	-0.90	221.87	-1.35	-1.12	TA
DA8EWJ	X	226.60	3.36	2.84	227.66	4.45	3.72	TA
E69MY7		223.44	0.20	0.17	222.97	-0.24	-0.20	TA
G4AW7W		222.87	-0.37	-0.31	222.80	-0.41	-0.34	TA
GUGX8B		223.83	0.60	0.50	223.50	0.29	0.24	XX
HMVAZC		225.19	1.95	1.65	224.88	1.66	1.39	XX
HW6EBH		223.80	0.56	0.48	223.40	0.19	0.16	TA
JEYNJC		221.60	-1.64	-1.39	221.27	-1.95	-1.63	TA
JMPAMP	X	231.87	8.63	7.30	232.20	8.99	7.51	NZ
K7HH9R		223.45	0.21	0.18	223.18	-0.03	-0.03	TA
KGZZ2X		223.20	-0.03	-0.03	223.37	0.16	0.13	PE
LVH8DP		224.30	1.06	0.90	223.80	0.59	0.49	TA
MN9MEH	*	226.48	3.24	2.74	226.46	3.25	2.72	TA
MNR4W7		223.06	-0.17	-0.15	222.96	-0.25	-0.21	TA
NA82ZZ		224.81	1.57	1.33	224.40	1.18	0.99	TA
NATUEH		221.28	-1.95	-1.65	221.24	-1.98	-1.65	TA
NGNWGU	X	226.50	3.26	2.76	225.13	1.91	1.60	XX
PJ8XBG		224.05	0.81	0.68	223.98	0.76	0.64	TA
PTGD7V		224.11	0.88	0.74	224.06	0.84	0.71	TA
Q2RYPJ		222.63	-0.60	-0.51	222.60	-0.61	-0.51	TA
QHA8H8		220.89	-2.35	-1.99	220.58	-2.63	-2.20	XX
U4W3K2		224.42	1.19	1.00	224.44	1.22	1.02	XX
UDRYVJ		223.08	-0.15	-0.13	222.64	-0.58	-0.48	MT
UZ6P9D		222.56	-0.68	-0.58	222.70	-0.52	-0.43	TA

WebCode	Data Flag	Sample W95 Lab Mean	Sample W95 Diff from Grand Mean	Sample W95 CPV	Sample W96 Lab Mean	Sample W96 Diff from Grand Mean	Sample W96 CPV	Instr Code
UZXRP2		221.67	-1.57	-1.33	222.07	-1.15	-0.96	TA
V8JVHP		224.07	0.83	0.70	224.39	1.18	0.98	TA
VAHHPY		223.96	0.72	0.61	223.64	0.43	0.36	TA
WPCFE2		223.42	0.18	0.15	223.11	-0.10	-0.08	TA
XAFKFF		223.59	0.35	0.30	223.63	0.42	0.35	TA
XDGLGX		223.73	0.49	0.42	223.71	0.50	0.42	XX
XZNWW7		223.33	0.10	0.08	223.67	0.45	0.38	NZ
ZY6PMU		223.61	0.37	0.32	223.55	0.34	0.29	TA

Summary Statistics

	Sample W95	Sample W96
Grand Means	223.237 Degrees Celsius	223.212 Degrees Celsius
Stnd Dev Btwn Labs	1.182 Degrees Celsius	1.196 Degrees Celsius

Statistics based on 39 of 43 reporting participants

Sample W95: PBT & Sample W96: PBT

Comments on Assigned Data Flags for Test #761

NGNWGU (X) - Data for sample W95 are high. Inconsistent within the determinations of sample W96.

DA8EWJ (X) - Data for both samples are high. Possible Systematic Error.

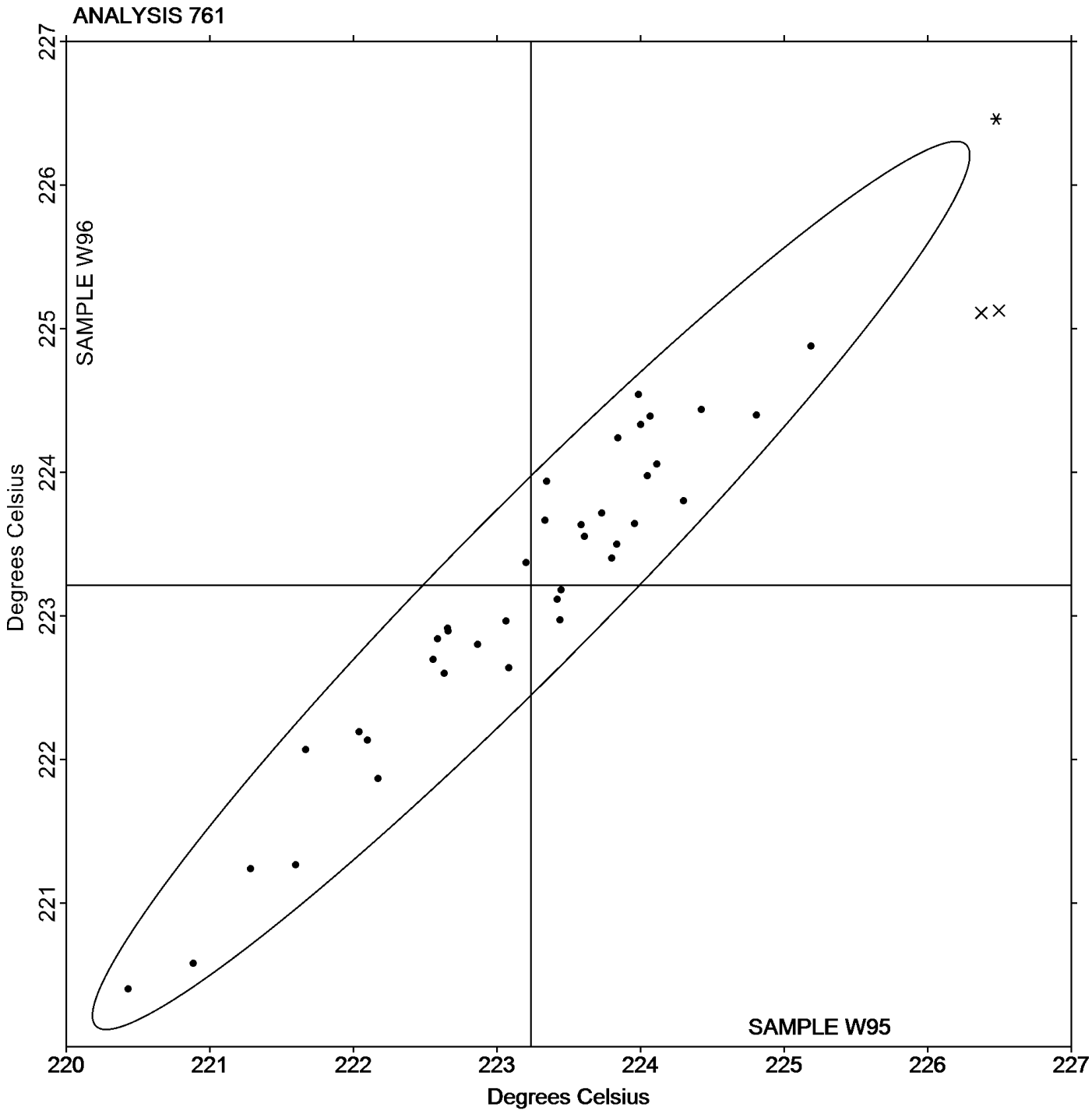
JMPAMP (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

3B9UN7 (X) - Inconsistent in testing between samples. 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	SH	Shimadzu
TA	TA Instruments	XX	Instrument manufacturer not specified by lab

Grand Mean Sample W95: 223.24 Degrees Celsius Grand Mean Sample W96: 223.21 Degrees Celsius



WebCode	Data Flag	Sample W95 Lab Mean	Sample W95 Diff from Grand Mean	Sample W95 CPV	Sample W96 Lab Mean	Sample W96 Diff from Grand Mean	Sample W96 CPV	Instr Code
2UU43U		45.11	-2.82	-0.64	45.36	-2.38	-0.62	TA
2ZED2Q		46.95	-0.97	-0.22	47.94	0.20	0.05	NZ
3WDH49		50.90	2.97	0.68	49.40	1.66	0.43	XX
4E6ZKN		45.69	-2.23	-0.51	45.37	-2.37	-0.62	TA
9BFZJP		49.04	1.12	0.26	49.14	1.40	0.37	TA
C74D7U		48.01	0.09	0.02	47.85	0.11	0.03	TA
C9TTKW		53.81	5.88	1.35	51.29	3.55	0.93	XX
CNN46U		55.29	7.37	1.69	55.49	7.75	2.02	TA
DA8EWJ		41.80	-6.12	-1.40	41.75	-5.99	-1.56	TA
E69MY7		46.28	-1.64	-0.38	45.95	-1.79	-0.47	TA
G4AW7W		48.62	0.69	0.16	47.43	-0.31	-0.08	TA
GUGX8B		46.12	-1.80	-0.41	46.30	-1.44	-0.38	XX
HW6EBH		47.77	-0.16	-0.04	45.16	-2.58	-0.67	TA
K7HH9R		44.74	-3.18	-0.73	45.39	-2.35	-0.61	TA
KGZZ2X		38.87	-9.05	-2.07	39.82	-7.92	-2.07	PE
LVH8DP		55.81	7.89	1.81	53.92	6.18	1.61	TA
MN9MEH		46.59	-1.34	-0.31	46.83	-0.91	-0.24	XX
MNR4W7		51.33	3.41	0.78	51.26	3.52	0.92	TA
NA82ZZ		57.31	9.38	2.15	55.01	7.27	1.90	TA
PJ8XBG		48.04	0.11	0.03	47.39	-0.35	-0.09	TA
PTGD7V		43.74	-4.18	-0.96	43.66	-4.08	-1.06	TA
Q2RYPJ		46.79	-1.13	-0.26	46.57	-1.17	-0.30	TA
QHA8H8	X	47.50	-0.42	-0.10	42.73	-5.01	-1.31	XX
UDRYVJ		45.28	-2.64	-0.60	46.08	-1.66	-0.43	MT
UZ6P9D		46.76	-1.17	-0.27	47.41	-0.33	-0.09	TA
V8JVHP		50.77	2.85	0.65	50.16	2.42	0.63	XX
VAHHPY	*	55.39	7.47	1.71	56.31	8.57	2.24	XX
WPCFE2		47.01	-0.92	-0.21	47.60	-0.14	-0.04	TA
XAFKFF		46.93	-0.99	-0.23	45.81	-1.93	-0.50	TA
XDGLGX		45.46	-2.47	-0.56	45.15	-2.59	-0.68	XX
XZNWW7	*	41.47	-6.45	-1.48	45.37	-2.37	-0.62	NZ

Summary Statistics	Sample W95	Sample W96
Grand Means	47.923 Joules Per Gram	47.740 Joules Per Gram
Stnd Dev Btwn Labs	4.367 Joules Per Gram	3.830 Joules Per Gram

Statistics based on 30 of 31 reporting participants

Sample W95: PBT & Sample W96: PBT

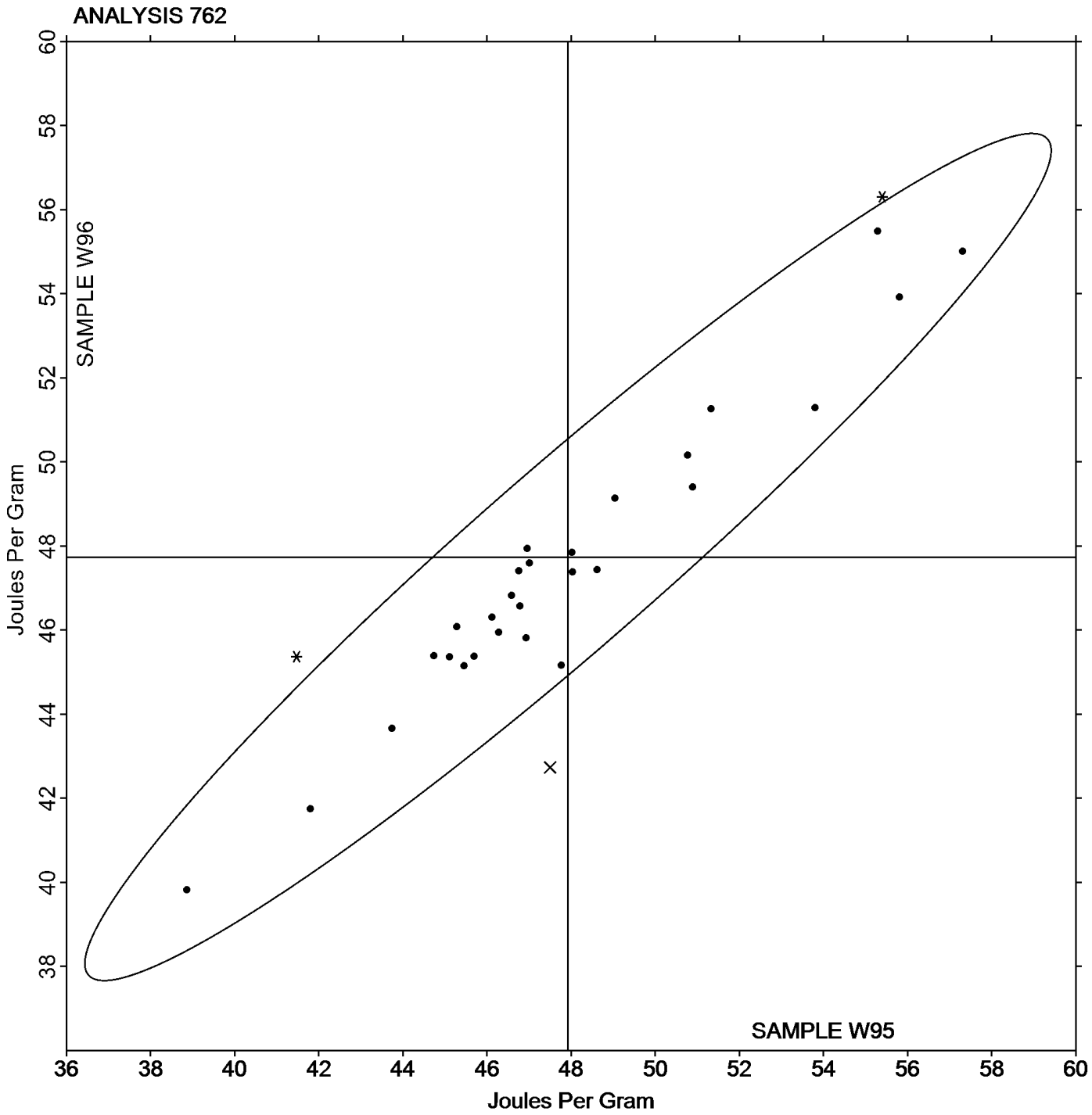
Comments on Assigned Data Flags for Test #762

QHA8H8 (X) - Inconsistent in testing between 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 W95: 47.923 Joules Per Gram Grand Mean Sample W96: 47.740 Joules Per Gram



WebCode	Data Flag	Sample W95 Lab Mean	Sample W95 Diff from Grand Mean	Sample W95 CPV	Sample W96 Lab Mean	Sample W96 Diff from Grand Mean	Sample W96 CPV	Instr Code
2UU43U		45.77	4.48	1.02	44.28	3.25	0.74	TA
2ZED2Q		43.23	1.94	0.44	43.48	2.45	0.56	NZ
3WDH49		46.19	4.90	1.11	45.70	4.67	1.07	NZ
4E6ZKN		40.96	-0.33	-0.07	43.10	2.07	0.48	TA
9BFZJP		52.43	11.14	2.53	52.26	11.23	2.57	TA
C74D7U	X	51.47	10.18	2.31	39.51	-1.52	-0.35	TA
C9TTKW		41.15	-0.14	-0.03	40.24	-0.79	-0.18	XX
CNN46U	X	55.88	14.59	3.32	56.39	15.36	3.52	TA
DA8EWJ		39.95	-1.34	-0.31	38.10	-2.93	-0.67	TA
E69MY7		36.66	-4.63	-1.05	37.05	-3.98	-0.91	TA
G4AW7W		41.26	-0.03	-0.01	41.05	0.02	0.00	TA
GUGX8B		36.23	-5.06	-1.15	36.93	-4.10	-0.94	XX
HW6EBH		37.12	-4.17	-0.95	35.27	-5.76	-1.32	TA
K7HH9R		37.24	-4.05	-0.92	37.68	-3.35	-0.77	TA
KGZZ2X		34.43	-6.86	-1.56	34.33	-6.70	-1.53	PE
LVH8DP		43.96	2.67	0.61	42.39	1.36	0.31	TA
MN9MEH	X	30.78	-10.51	-2.39	37.66	-3.37	-0.77	TA
MNR4W7		40.38	-0.91	-0.21	42.24	1.21	0.28	TA
NA82ZZ		46.39	5.10	1.16	44.42	3.39	0.78	TA
PJ8XBG		37.90	-3.39	-0.77	38.45	-2.58	-0.59	TA
PTGD7V		36.76	-4.53	-1.03	36.75	-4.28	-0.98	TA
Q2RYPJ		38.28	-3.01	-0.68	37.84	-3.19	-0.73	TA
QHA8H8	*	42.20	0.91	0.21	38.76	-2.27	-0.52	XX
UDRYVJ		38.16	-3.13	-0.71	38.04	-2.99	-0.69	MT
UZ6P9D		45.86	4.57	1.04	46.21	5.18	1.19	TA
V8JVHP		44.46	3.17	0.72	43.62	2.59	0.59	XX
VAHHPY		46.81	5.52	1.25	48.05	7.02	1.61	TA
WPCFE2		44.49	3.20	0.73	44.76	3.73	0.86	TA
XAFKFF		35.32	-5.97	-1.36	35.90	-5.13	-1.18	TA
XDGLGX		41.85	0.56	0.13	41.43	0.40	0.09	XX
XZNWW7		36.19	-5.10	-1.16	35.96	-5.07	-1.16	NZ
ZY6PMU		45.79	4.50	1.02	45.57	4.54	1.04	TA

Summary Statistics	Sample W95	Sample W96
Grand Means	41.290 Joules Per Gram	41.030 Joules Per Gram
Stnd Dev Btwn Labs	4.397 Joules Per Gram	4.365 Joules Per Gram

Statistics based on 29 of 32 reporting participants

Sample W95: PBT & Sample W96: PBT

Comments on Assigned Data Flags for Test #763

CNN46U (X) - Data for both samples are high.

MN9MEH (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

C74D7U (X) - Inconsistent in testing between samples.

Key to Instrument Codes Reported by Participants

MT Mettler Toledo Instruments

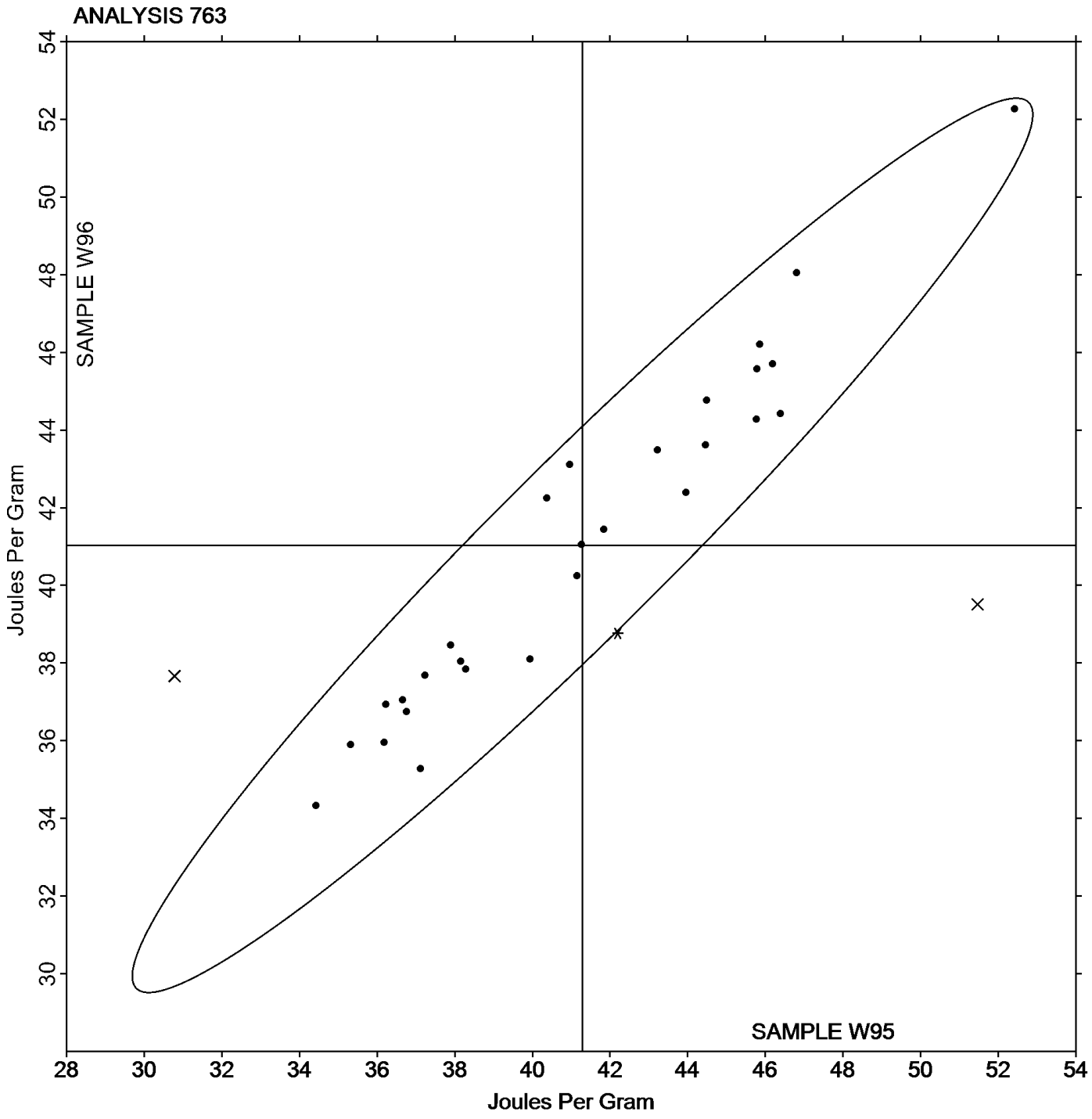
NZ Netzsch Instruments

PE Perkins Elmer Instruments

TA TA Instruments

XX Instrument manufacturer not specified by lab

Grand Mean Sample W95: 41.290 Joules Per Gram Grand Mean Sample W96: 41.030 Joules Per Gram



WebCode	Data Flag	Sample V95 Lab Mean	Sample V95 Diff from Grand Mean	Sample V95 CPV	Sample V96 Lab Mean	Sample V96 Diff from Grand Mean	Sample V96 CPV	Instr Code
2UU43U		81.32	-0.49	-0.34	81.19	-0.62	-0.45	TA
2ZED2Q	*	77.23	-4.57	-3.23	77.30	-4.51	-3.30	NZ
39NTUK	*	83.69	1.88	1.33	82.92	1.10	0.81	SH
3WDH49		82.17	0.36	0.26	82.37	0.55	0.40	NZ
4E6ZKN		81.60	-0.21	-0.15	81.71	-0.11	-0.08	TA
9BFZJP		80.64	-1.16	-0.82	80.44	-1.37	-1.00	TA
C74D7U	X	72.45	-9.35	-6.61	72.01	-9.81	-7.16	TA
C9TTKW		82.95	1.15	0.81	83.04	1.22	0.89	XX
CNN46U	X	72.04	-9.77	-6.91	71.68	-10.13	-7.40	TA
DA8EWJ		79.74	-2.06	-1.46	80.29	-1.52	-1.11	TA
E69MY7		82.76	0.95	0.67	83.25	1.43	1.05	TA
GUGX8B		82.07	0.26	0.19	81.97	0.15	0.11	XX
HW6EBH		81.67	-0.14	-0.10	81.83	0.02	0.01	TA
K7HH9R		82.93	1.13	0.80	82.81	1.00	0.73	TA
KGZZ2X		83.35	1.55	1.10	83.58	1.76	1.29	PE
LVH8DP		82.80	1.00	0.70	82.80	0.99	0.72	TA
MN9MEH		79.92	-1.88	-1.33	80.23	-1.58	-1.16	TA
MNR4W7		82.88	1.08	0.76	82.81	1.00	0.73	TA
MXXBC7		80.92	-0.88	-0.63	81.05	-0.77	-0.56	PE
NA82ZZ	X	74.54	-7.26	-5.14	75.06	-6.75	-4.93	TA
PJ8XBG		82.55	0.75	0.53	82.29	0.48	0.35	TA
PTGD7V		81.10	-0.70	-0.50	81.28	-0.54	-0.39	TA
Q2RYPJ		82.40	0.60	0.42	82.17	0.35	0.26	TA
QHA8H8	*	79.50	-2.30	-1.63	79.03	-2.78	-2.03	XX
UDRYVJ		81.19	-0.62	-0.44	81.36	-0.45	-0.33	MT
UZ6P9D		82.91	1.11	0.78	82.68	0.86	0.63	TA
VAHHPY		82.33	0.53	0.37	82.39	0.58	0.42	TA
WPCFE2		81.42	-0.39	-0.27	81.43	-0.39	-0.28	TA
XAFKFF		82.76	0.96	0.68	83.04	1.22	0.89	TA
XDGLGX		82.23	0.43	0.30	82.20	0.38	0.28	XX
XZNWW7		83.60	1.80	1.27	83.13	1.32	0.96	NZ
ZY6PMU		81.70	-0.11	-0.08	82.02	0.21	0.15	TA

Summary Statistics	Sample V95	Sample V96
Grand Means	81.804 Degrees Celsius	81.814 Degrees Celsius
Stnd Dev Btwn Labs	1.414 Degrees Celsius	1.369 Degrees Celsius

Statistics based on 29 of 32 reporting participants

Sample V95: PET & Sample V96: PET

Comments on Assigned Data Flags for Test #764

NA82ZZ (X) - Data for both samples are low. Possible Systematic Error.

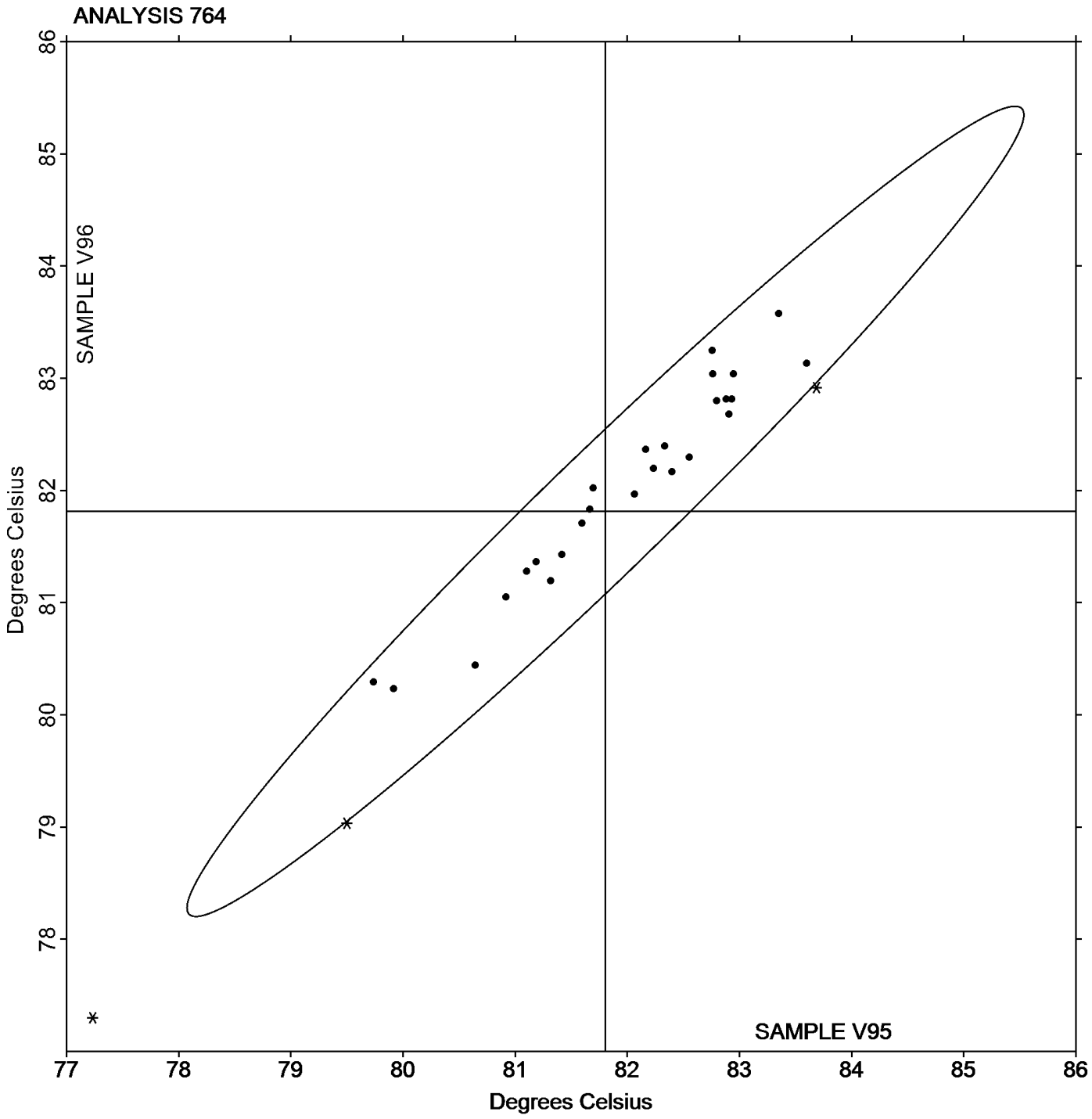
CNN46U (X) - Data for both samples are low.

C74D7U (X) - Data for both samples are low. Inconsistent within the determinations of sample V96.

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 V95: 81.804 Degrees Celsius Grand Mean Sample V96: 81.814 Degrees Celsius



WebCode	Data Flag	Sample W95 Lab Mean	Sample W95 Diff from Grand Mean	Sample W95 CPV	Sample W96 Lab Mean	Sample W96 Diff from Grand Mean	Sample W96 CPV	Instr Code
2ZED2Q		178.53	2.97	0.47	176.37	0.96	0.16	NZ
C74D7U		189.84	14.28	2.27	189.30	13.89	2.25	TA
CNN46U		179.45	3.89	0.62	179.46	4.06	0.66	TA
DA8EWJ		176.05	0.49	0.08	176.25	0.84	0.14	TA
GUGX8B		169.07	-6.49	-1.03	168.60	-6.80	-1.10	XX
K7HH9R		177.33	1.77	0.28	177.80	2.40	0.39	TA
MN9MEH	X	199.86	24.30	3.86	199.75	24.35	3.95	TA
Q2RYPJ		170.60	-4.96	-0.79	169.77	-5.64	-0.91	TA
T6J8QV		173.20	-2.36	-0.37	174.27	-1.14	-0.18	TA
UZ6P9D		172.76	-2.80	-0.44	173.28	-2.12	-0.34	TA
WPCFE2		168.76	-6.80	-1.08	168.94	-6.46	-1.05	TA

Summary Statistics

	Sample W95	Sample W96
Grand Means	175.559 Degrees Celsius	175.403 Degrees Celsius
Stnd Dev Btwn Labs	6.305 Degrees Celsius	6.169 Degrees Celsius

Statistics based on 10 of 11 reporting participants

Sample W95: PBT & Sample W96: PBT

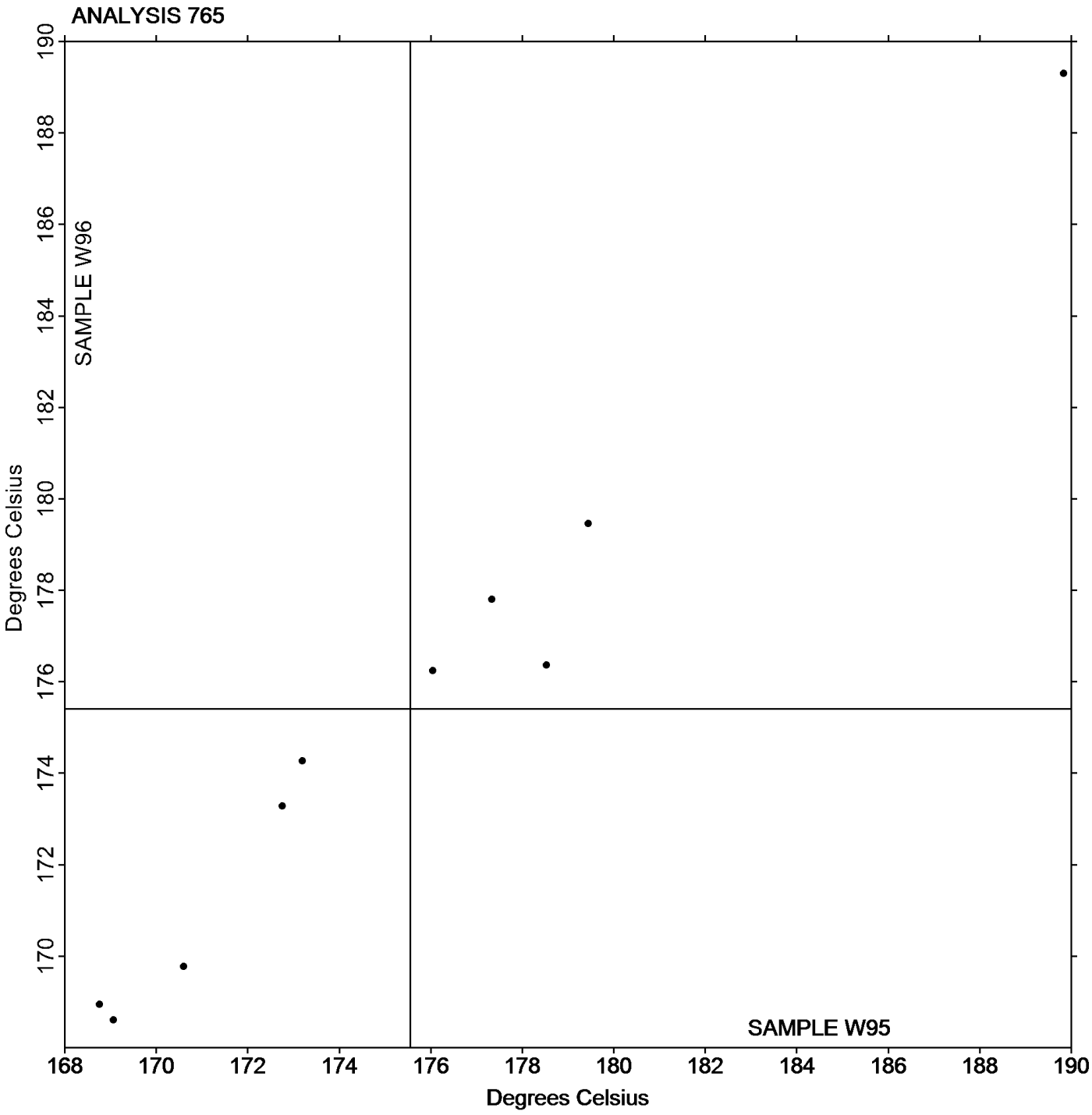
Comments on Assigned Data Flags for Test #765

MN9MEH (X) - Data for both samples are high. Inconsistent within the determinations of sample W95.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W95: 175.56 Degrees Celsius Grand Mean Sample W96: 175.40 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 W95 Lab Mean	Sample W95 Diff from Grand Mean	Sample W95 CPV	Sample W96 Lab Mean	Sample W96 Diff from Grand Mean	Sample W96 CPV	Instr Code
2ZED2Q		220.33	-2.93	-1.65	220.40	-2.95	-1.52	NZ
369K7K		222.66	-0.60	-0.34	222.89	-0.46	-0.24	TA
C74D7U		222.04	-1.22	-0.69	222.19	-1.17	-0.60	TA
CNN46U		222.17	-1.09	-0.61	221.87	-1.49	-0.77	TA
DA8EWJ		226.60	3.33	1.87	227.66	4.31	2.22	TA
GUGX8B		223.83	0.57	0.32	223.50	0.15	0.08	XX
K7HH9R		223.67	0.40	0.23	223.43	0.08	0.04	TA
MN9MEH		226.48	3.21	1.81	226.46	3.11	1.60	TA
Q2RYPJ		222.43	-0.83	-0.47	222.83	-0.52	-0.27	TA
T6J8QV		222.97	-0.30	-0.17	223.20	-0.15	-0.08	TA
UZ6P9D		222.56	-0.71	-0.40	222.70	-0.66	-0.34	TA
WPCFE2		223.42	0.16	0.09	223.11	-0.24	-0.12	XX

Summary Statistics

	Sample W95	Sample W96
Grand Means	223.263 Degrees Celsius	223.354 Degrees Celsius
Stnd Dev Btwn Labs	1.780 Degrees Celsius	1.943 Degrees Celsius

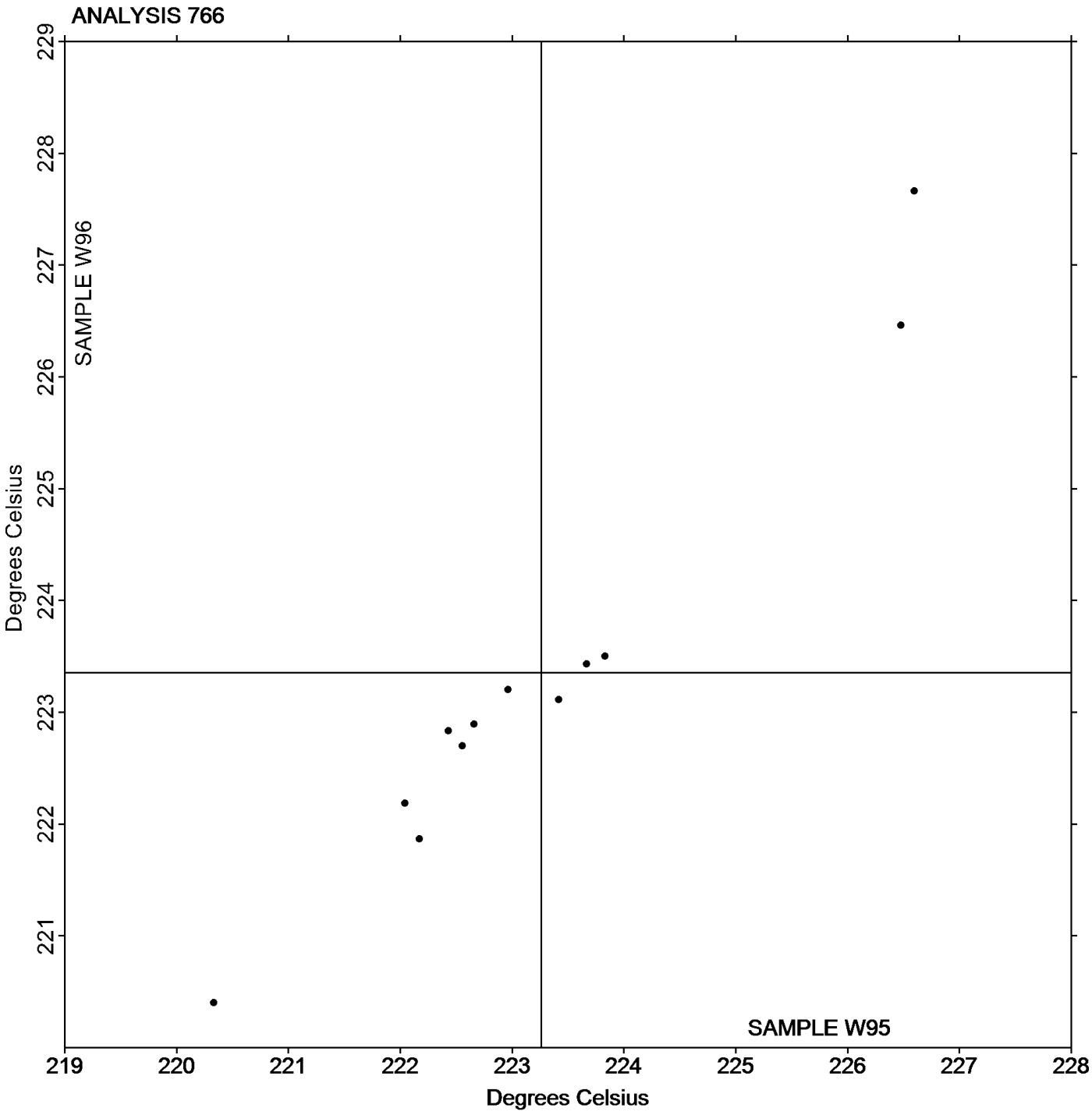
Statistics based on 12 of 12 reporting participants

Sample W95: PBT & Sample W96: PBT

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W95: 223.26 Degrees Celsius Grand Mean Sample W96: 223.35 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 W95 Lab Mean	Sample W95 Diff from Grand Mean	Sample W95 CPV	Sample W96 Lab Mean	Sample W96 Diff from Grand Mean	Sample W96 CPV	Instr Code
2ZED2Q		49.07	1.01	0.26	48.08	0.23	0.06	NZ
C74D7U		54.45	6.38	1.64	53.45	5.60	1.49	TA
CNN46U		55.29	7.22	1.85	55.49	7.64	2.04	TA
DA8EWJ		41.80	-6.27	-1.61	41.75	-6.10	-1.62	TA
GUGX8B		46.12	-1.94	-0.50	46.30	-1.54	-0.41	XX
K7HH9R		45.07	-3.00	-0.77	45.73	-2.11	-0.56	TA
MN9MEH		46.59	-1.48	-0.38	46.83	-1.02	-0.27	TA
Q2RYPJ		47.62	-0.44	-0.11	45.45	-2.40	-0.64	TA
T6J8QV		48.96	0.90	0.23	48.22	0.38	0.10	TA
UZ6P9D		46.76	-1.31	-0.34	47.41	-0.43	-0.12	TA
WPCFE2		47.01	-1.06	-0.27	47.60	-0.25	-0.07	XX

Summary Statistics

	Sample W95	Sample W96
Grand Means	48.067 Joules Per Gram	47.847 Joules Per Gram
Stnd Dev Btwn Labs	3.898 Joules Per Gram	3.755 Joules Per Gram

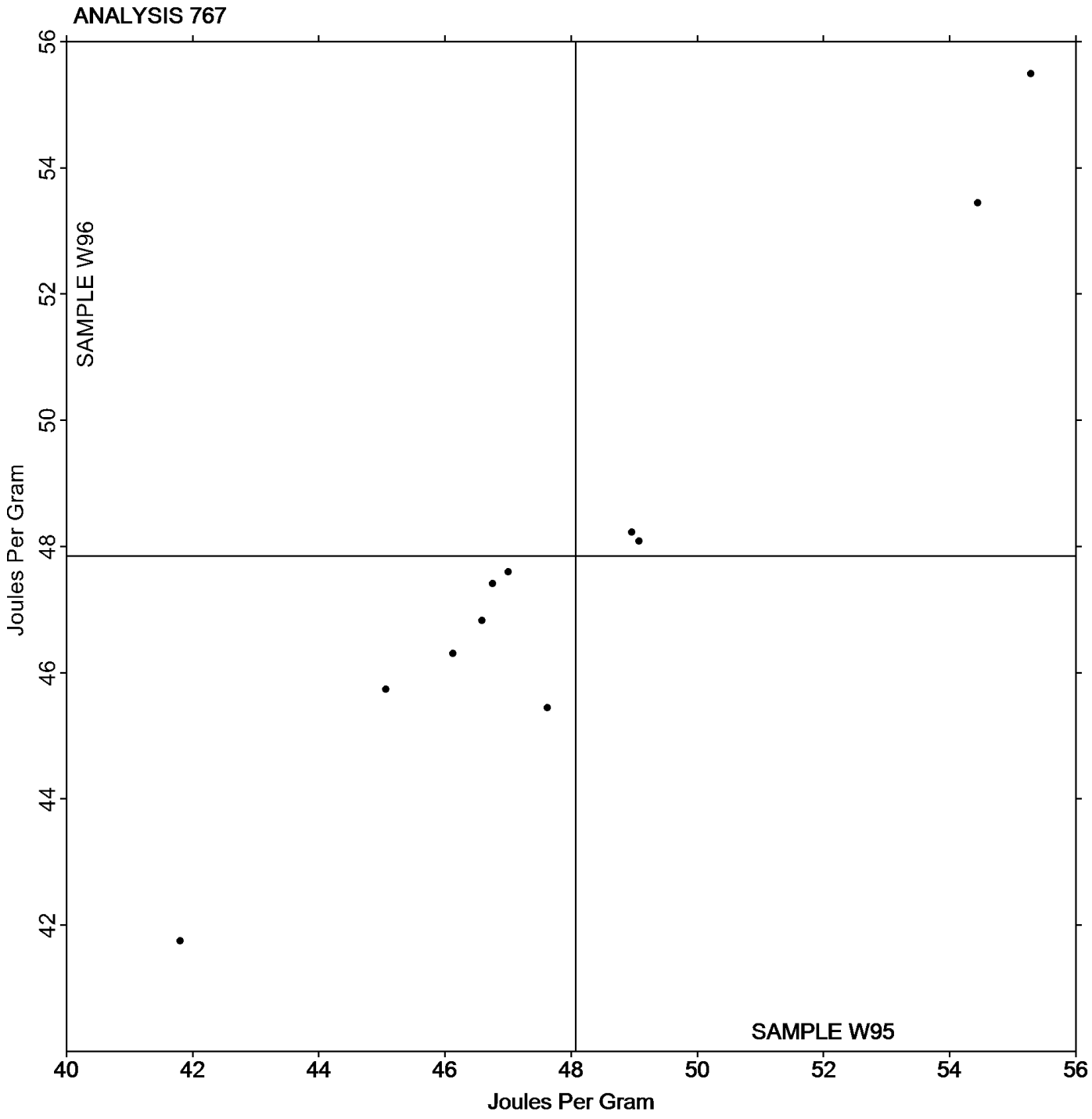
Statistics based on 11 of 11 reporting participants

Sample W95: PBT & Sample W96: PBT

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W95: 48.067 Joules Per Gram Grand Mean Sample W96: 47.847 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 W95 Lab Mean	Sample W95 Diff from Grand Mean	Sample W95 CPV	Sample W96 Lab Mean	Sample W96 Diff from Grand Mean	Sample W96 CPV	Instr Code
2ZED2Q		40.93	-2.92	-0.47	42.08	-1.44	-0.23	NZ
C74D7U		51.09	7.24	1.15	47.28	3.76	0.61	TA
CNN46U		55.88	12.03	1.92	56.39	12.87	2.07	TA
DA8EWJ		39.95	-3.90	-0.62	38.10	-5.43	-0.87	TA
GUGX8B		36.23	-7.62	-1.21	36.93	-6.59	-1.06	XX
K7HH9R		37.40	-6.45	-1.03	38.20	-5.32	-0.86	TA
MN9MEH	X	23.32	-20.53	-3.27	37.67	-5.86	-0.94	TA
Q2RYPJ		39.54	-4.31	-0.69	37.47	-6.05	-0.97	TA
T6J8QV		47.13	3.28	0.52	47.82	4.29	0.69	TA
UZ6P9D		45.86	2.01	0.32	46.21	2.69	0.43	TA
WPCFE2		44.49	0.64	0.10	44.76	1.24	0.20	XX

Summary Statistics

	Sample W95	Sample W96
Grand Means	43.850 Joules Per Gram	43.525 Joules Per Gram
Stnd Dev Btwn Labs	6.276 Joules Per Gram	6.208 Joules Per Gram

Statistics based on 10 of 11 reporting participants

Sample W95: PBT & Sample W96: PBT

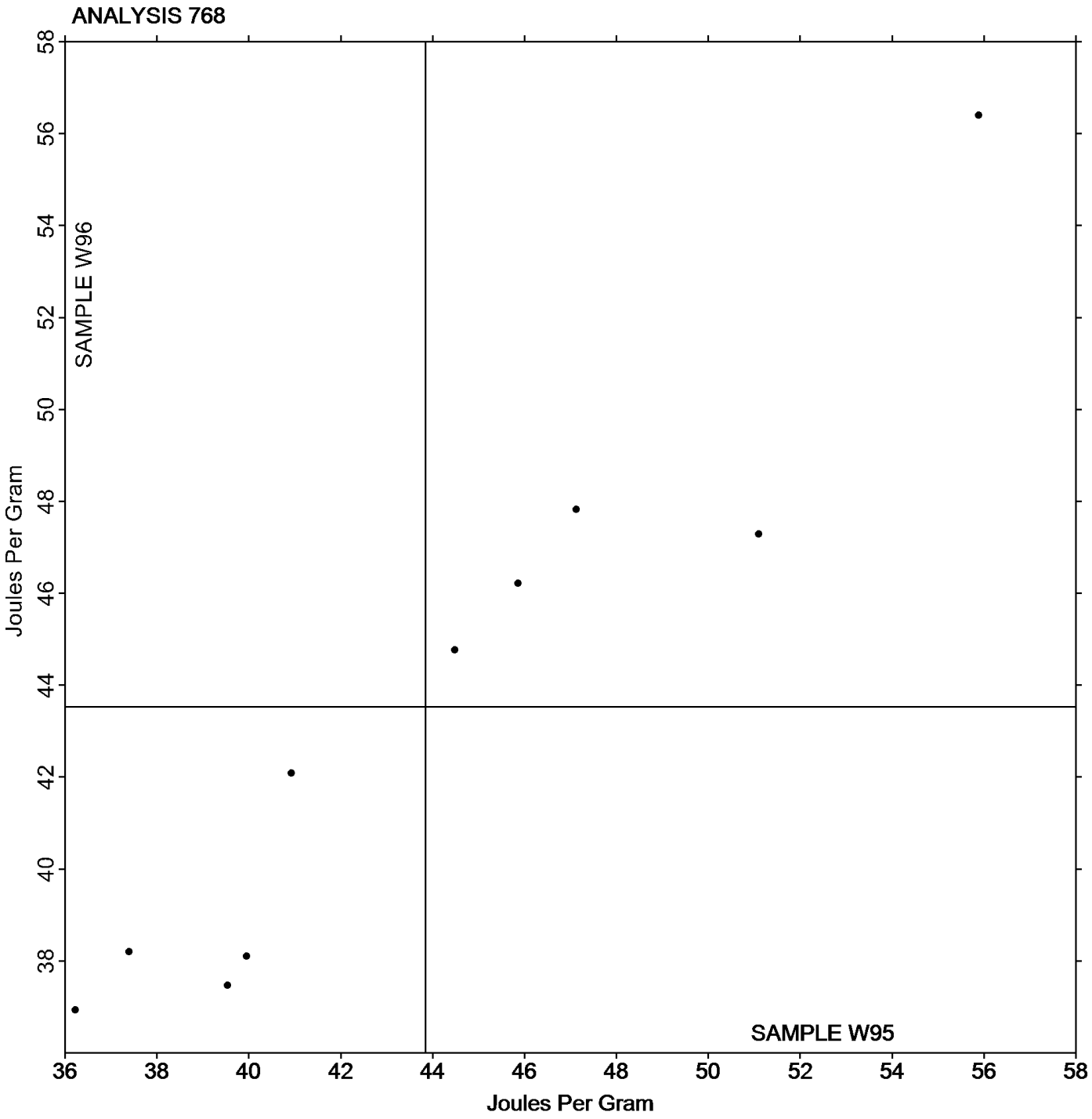
Comments on Assigned Data Flags for Test #768

MN9MEH (X) - Data for sample W95 are low. Inconsistent within the determinations of sample W96.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W95: 43.850 Joules Per Gram Grand Mean Sample W96: 43.525 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 V95 Lab Mean	Sample V95 Diff from Grand Mean	Sample V95 CPV	Sample V96 Lab Mean	Sample V96 Diff from Grand Mean	Sample V96 CPV	Instr Code
2ZED2Q		77.37	-2.14	-0.54	77.57	-1.92	-0.47	NZ
C74D7U		72.33	-7.17	-1.80	71.82	-7.66	-1.86	TA
CNN46U		72.04	-7.47	-1.87	71.68	-7.80	-1.90	TA
DA8EWJ		79.74	0.23	0.06	80.29	0.81	0.20	TA
GUGX8B		82.07	2.56	0.64	81.97	2.48	0.60	XX
K7HH9R		83.30	3.79	0.95	83.00	3.52	0.85	TA
MN9MEH		79.92	0.41	0.10	80.06	0.58	0.14	TA
Q2RYPJ		82.53	3.03	0.76	82.53	3.05	0.74	TA
T6J8QV		80.94	1.44	0.36	81.29	1.81	0.44	TA
UZ6P9D		82.91	3.40	0.85	82.68	3.19	0.78	TA
WPCFE2		81.42	1.91	0.48	81.43	1.94	0.47	XX

Summary Statistics

	Sample V95	Sample V96
Grand Means	79.506 Degrees Celsius	79.484 Degrees Celsius
Stnd Dev Btwn Labs	3.993 Degrees Celsius	4.114 Degrees Celsius

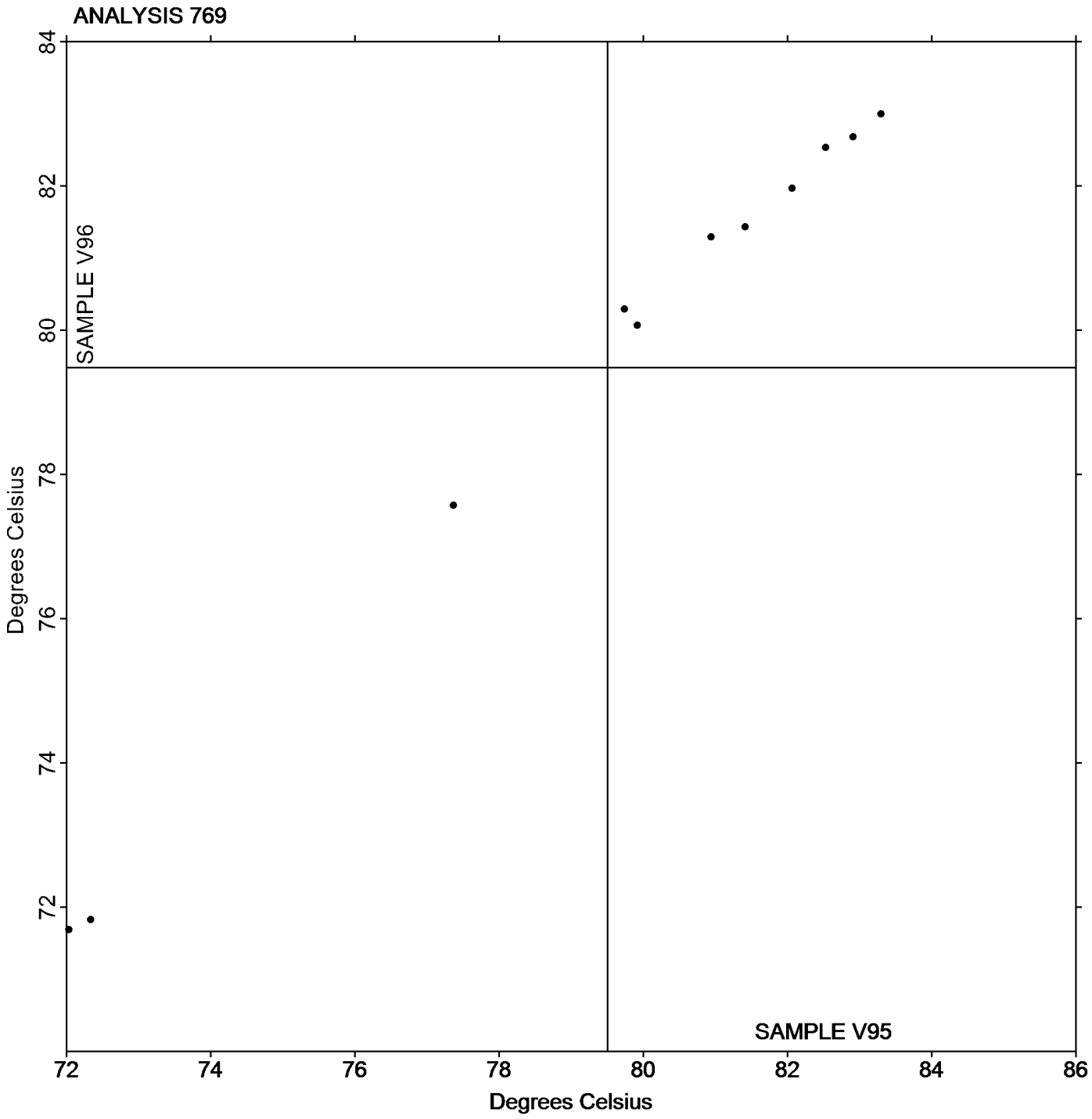
Statistics based on 11 of 11 reporting participants

Sample V95: PET & Sample V96: PET

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample V95: 79.506 Degrees Celsius Grand Mean Sample V96: 79.484 Degrees Celsius



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

Plastics Interlaboratory Testing Program

Report #128
4th Qtr 2023

Analysis 770

Tensile Stress at Yield, Film Samples - psi

WebCode	Data Flag	Sample B95 Lab Mean	Sample B95 Diff from Grand Mean	Sample B95 CPV	Sample B96 Lab Mean	Sample B96 Diff from Grand Mean	Sample B96 CPV	Instr Code
2PYCUW		1,714	28	0.18	1,732	51	0.38	OA
39NTUK	X	2,229	543	3.44	1,457	-224	-1.65	WZ
3U3P2U		1,653	-33	-0.21	1,634	-46	-0.34	IM
873ZLX		1,575	-111	-0.70	1,653	-27	-0.20	IN
CV6TR9		1,922	236	1.49	1,812	132	0.97	TO
FGFRRK		1,655	-31	-0.20	1,654	-27	-0.20	SH
H2GMCL		1,743	57	0.36	1,781	101	0.74	WZ
HJGCTP		1,784	99	0.62	1,792	112	0.83	IN
JY68FZ		1,718	33	0.21	1,842	162	1.19	UC
KNHEHA	X	3,771	2,085	13.20	1,946	265	1.96	IN
KTGRMM		1,405	-281	-1.78	1,391	-289	-2.13	TO
NBKQ4C		1,651	-35	-0.22	1,736	56	0.41	IN
NXTDEF		1,473	-213	-1.35	1,408	-272	-2.01	IN
T6J8QV		1,702	16	0.10	1,723	43	0.31	IN
UVAX33		1,586	-100	-0.63	1,542	-138	-1.02	IN
WKGFAD		1,623	-63	-0.40	1,659	-22	-0.16	IN
YGRW87	*	2,073	387	2.45	1,825	145	1.07	LI
YMH9AU		1,697	11	0.07	1,701	21	0.15	IN
ZY6PMU	X	3,340	1,654	10.47	3,102	1,422	10.48	IN

Summary Statistics

	Sample B95	Sample B96
Grand Means	1,685.9 psi	1,680.3 psi
Stnd Dev Btwn Labs	158.0 psi	135.7 psi

Statistics based on 16 of 19 reporting participants

Sample B95: LDPE & Sample B96: LDPE

Comments on Assigned Data Flags for Test #770

39NTUK (X) - Data for sample B95 are high.

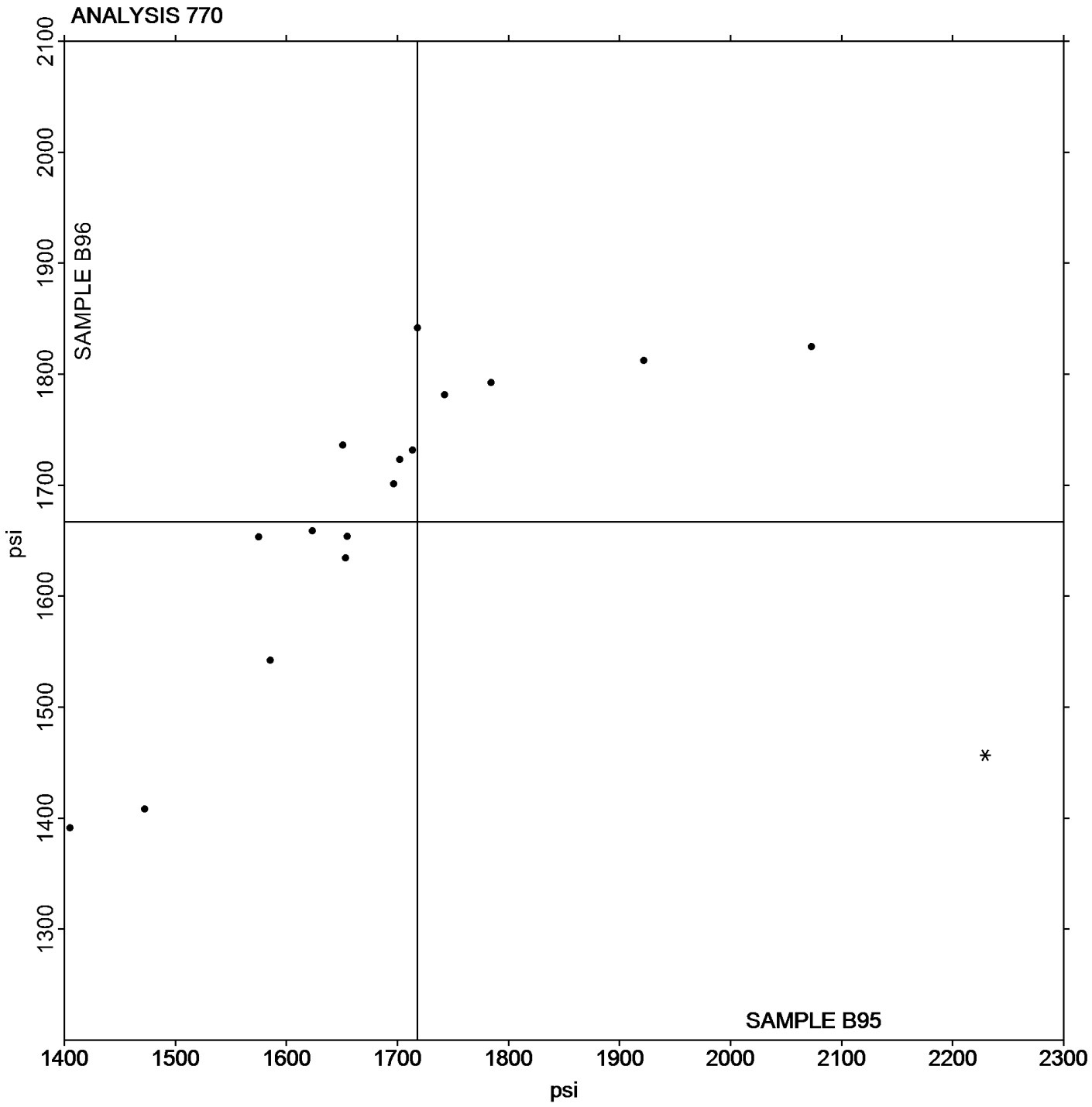
KNHEHA (X) - Data for sample B95 are high.

ZY6PMU (X) - Data for both samples are high.

Key to Instrument Codes Reported by Participants

IM	Instru-Met Instruments	IN	Instron
LI	Lloyd Instruments	OA	Oakland Testing
SH	Shimadzu	TO	Tinius Olsen
UC	United	WZ	Zwick

Grand Mean Sample B95: 1,685.86 psi Grand Mean Sample B96: 1,680.27 psi



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

Plastics Interlaboratory Testing Program

Analysis 771

Tensile Stress at Break, Film Samples - psi

WebCode	Data Flag	Sample B95 Lab Mean	Sample B95 Diff from Grand Mean	Sample B95 CPV	Sample B96 Lab Mean	Sample B96 Diff from Grand Mean	Sample B96 CPV	Instr Code
2PYCUW		4,033	620	1.43	3,742	563	1.23	OA
39NTUK	X	4,857	1,444	3.33	2,671	-507	-1.11	WZ
3U3P2U		3,534	120	0.28	3,341	162	0.35	IM
873ZLX		3,454	41	0.09	3,285	106	0.23	IN
CV6TR9		2,890	-523	-1.21	2,561	-618	-1.35	TO
FGFRRK		3,102	-312	-0.72	3,017	-162	-0.35	SH
H2GMCL		3,830	417	0.96	3,755	576	1.26	WZ
HJGCTP		3,945	532	1.23	3,618	439	0.96	IN
JY68FZ		2,867	-547	-1.26	2,757	-422	-0.92	UC
KNHEHA		3,771	358	0.82	3,738	559	1.22	IN
KTGRMM		2,773	-640	-1.48	2,233	-946	-2.06	TO
NBKQ4C		2,645	-768	-1.77	2,728	-451	-0.98	IN
NXTDEF		3,457	44	0.10	2,842	-336	-0.73	IN
T6J8QV		3,786	373	0.86	3,332	153	0.33	IN
UVAX33		3,847	434	1.00	3,662	483	1.05	IN
WKGFAD		3,388	-25	-0.06	3,255	76	0.17	IN
YGRW87		3,253	-161	-0.37	2,857	-321	-0.70	LI
YMH9AU		3,452	39	0.09	3,315	136	0.30	IN

Summary Statistics

	Sample B95	Sample B96
Grand Means	3,413.4 psi	3,178.6 psi
Stnd Dev Btwn Labs	433.9 psi	459.2 psi

Statistics based on 17 of 18 reporting participants

Sample B95: LDPE & Sample B96: LDPE

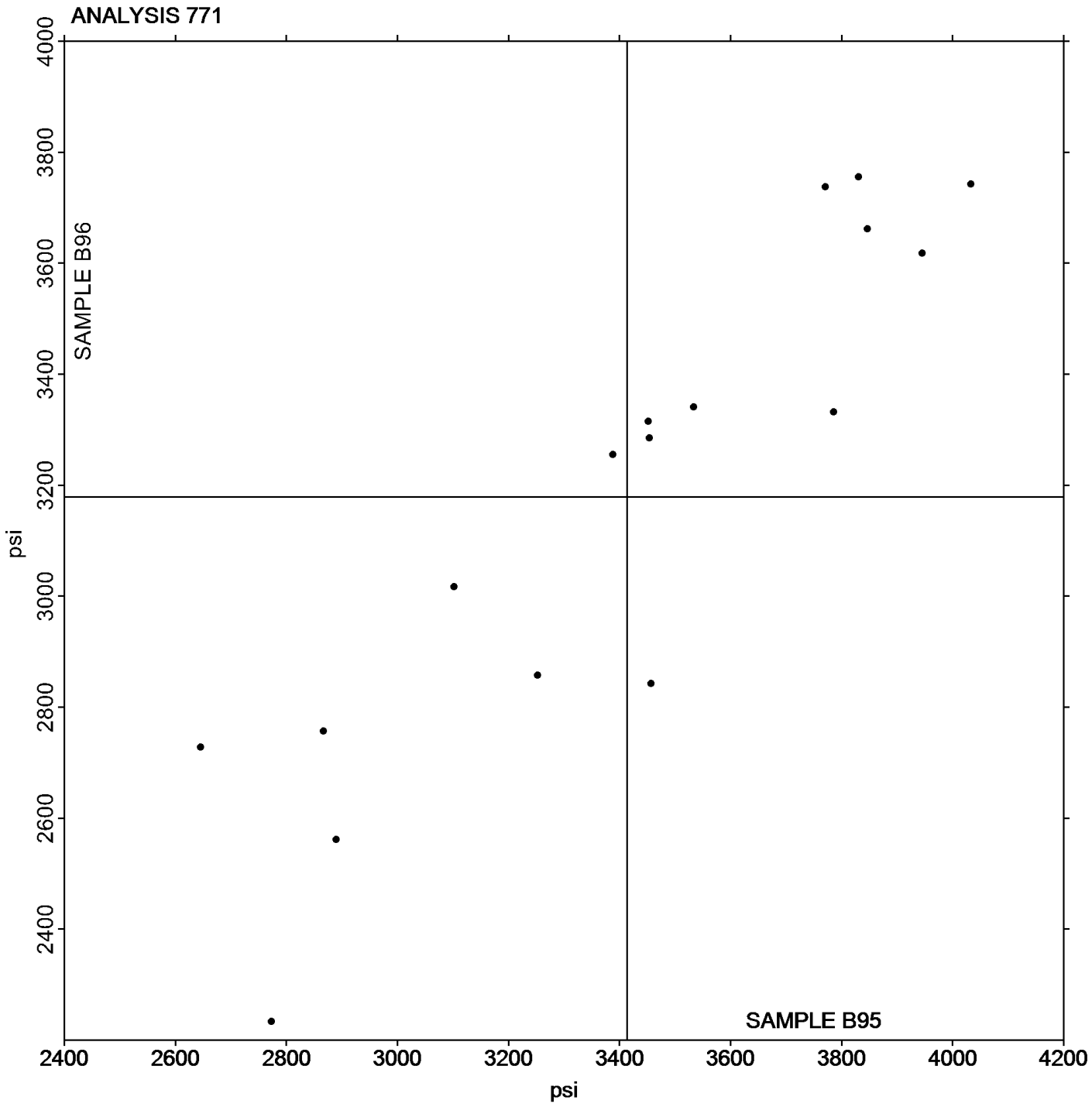
Comments on Assigned Data Flags for Test #771

39NTUK (X) - Data for sample B95 are high. Inconsistent within the determinations of sample B96.

Key to Instrument Codes Reported by Participants

IM	Instru-Met Instruments	IN	Instron
LI	Lloyd Instruments	OA	Oakland Testing
SH	Shimadzu	TO	Tinius Olsen
UC	United	WZ	Zwick

Grand Mean Sample B95: 3,413.37 psi Grand Mean Sample B96: 3,178.64 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 B95 Lab Mean	Sample B95 Diff from Grand Mean	Sample B95 CPV	Sample B96 Lab Mean	Sample B96 Diff from Grand Mean	Sample B96 CPV	Instr Code
39NTUK		37.00	-0.91	-0.06	58.80	-3.26	-0.12	WZ
3U3P2U		18.00	-19.91	-1.30	18.06	-44.00	-1.63	IM
873ZLX		46.77	8.86	0.58	68.45	6.39	0.24	IN
CV6TR9		28.66	-9.25	-0.61	27.47	-34.59	-1.28	TO
FGFRRK		50.44	12.53	0.82	70.66	8.60	0.32	SH
H2GMCL		42.14	4.23	0.28	72.45	10.39	0.38	WZ
HJGCTP		21.29	-16.62	-1.09	64.94	2.88	0.11	IN
KNHEHA		57.28	19.37	1.27	93.18	31.12	1.15	IN
KTGRMM		22.21	-15.70	-1.03	19.54	-42.52	-1.57	TO
NBKQ4C		48.36	10.45	0.68	86.71	24.65	0.91	IN
NXTDEF		58.56	20.65	1.35	90.73	28.67	1.06	IN
T6J8QV		31.16	-6.75	-0.44	60.74	-1.32	-0.05	IN
UVAX33		7.91	-30.00	-1.97	7.89	-54.17	-2.00	IN
WKGFAD		53.33	15.42	1.01	78.05	15.99	0.59	IN
YGRW87		25.29	-12.63	-0.83	84.82	22.76	0.84	LI
YMH9AU		46.11	8.20	0.54	75.48	13.42	0.50	IN
ZY6PMU		50.00	12.09	0.79	77.03	14.97	0.55	IN

Summary Statistics

	Sample B95	Sample B96
Grand Means	37.913 Percent	62.058 Percent
Stnd Dev Btwn Labs	15.260 Percent	27.035 Percent

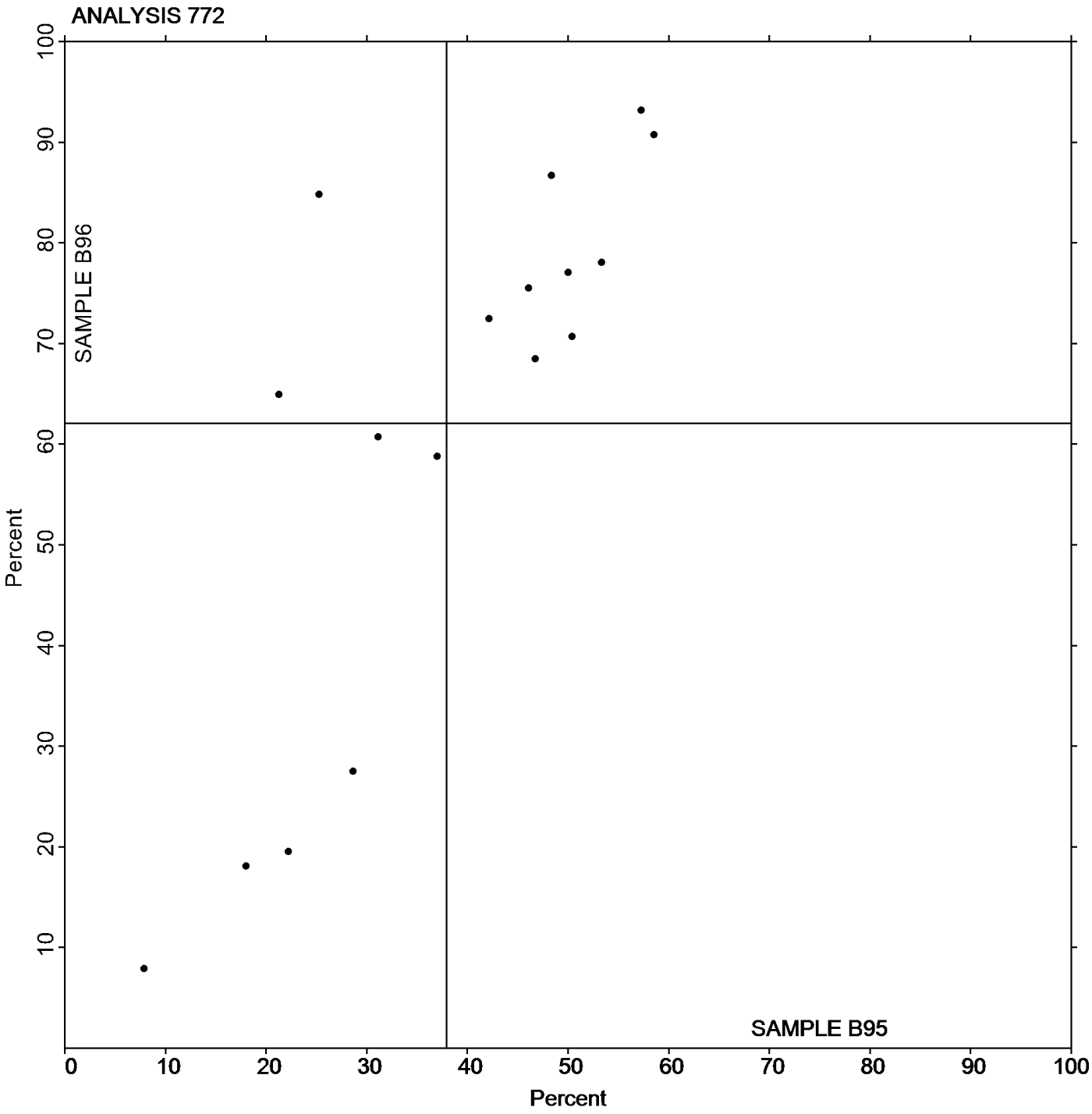
Statistics based on 17 of 17 reporting participants

Sample B95: LDPE & Sample B96: LDPE

Key to Instrument Codes Reported by Participants

IM	Instru-Met Instruments	IN	Instron
LI	Lloyd Instruments	SH	Shimadzu
TO	Tinius Olsen	WZ	Zwick

Grand Mean Sample B95: 37.913 Percent Grand Mean Sample B96: 62.058 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 B95 Lab Mean	Sample B95 Diff from Grand Mean	Sample B95 CPV	Sample B96 Lab Mean	Sample B96 Diff from Grand Mean	Sample B96 CPV	Instr Code
2PYCUW		877.5	-7.5	-0.06	765.9	12.6	0.10	OA
39NTUK		684.0	-201.0	-1.47	551.0	-202.3	-1.64	WZ
3U3P2U		912.7	27.7	0.20	758.0	4.7	0.04	IM
873ZLX		931.3	46.3	0.34	804.9	51.6	0.42	IN
CV6TR9		940.9	55.9	0.41	683.2	-70.1	-0.57	TO
FGFRRK		888.3	3.3	0.02	780.2	26.9	0.22	SH
H2GMCL		968.3	83.3	0.61	867.8	114.5	0.93	WZ
HJGCTP		708.1	-176.9	-1.29	654.9	-98.5	-0.80	IN
KNHEHA		1,000.0	115.0	0.84	993.8	240.4	1.95	IN
KTGRMM		992.4	107.4	0.78	698.3	-55.0	-0.45	TO
NBKQ4C		776.9	-108.1	-0.79	658.2	-95.1	-0.77	IN
NXTDEF		1,207.7	322.7	2.36	942.9	189.5	1.54	IN
T6J8QV		694.3	-190.7	-1.39	582.0	-171.3	-1.39	IN
UVAX33		729.9	-155.1	-1.13	647.1	-106.2	-0.86	IN
WKGFAD		943.6	58.6	0.43	846.4	93.1	0.76	IN
YGRW87		801.1	-83.9	-0.61	667.8	-85.5	-0.69	LI
YMH9AU		1,029.0	144.0	1.05	906.0	152.7	1.24	IN
ZY6PMU		844.1	-40.9	-0.30	751.9	-1.4	-0.01	IN

Summary Statistics

	Sample B95	Sample B96
Grand Means	885.00 Percent	753.35 Percent
Stnd Dev Btwn Labs	136.90 Percent	123.18 Percent

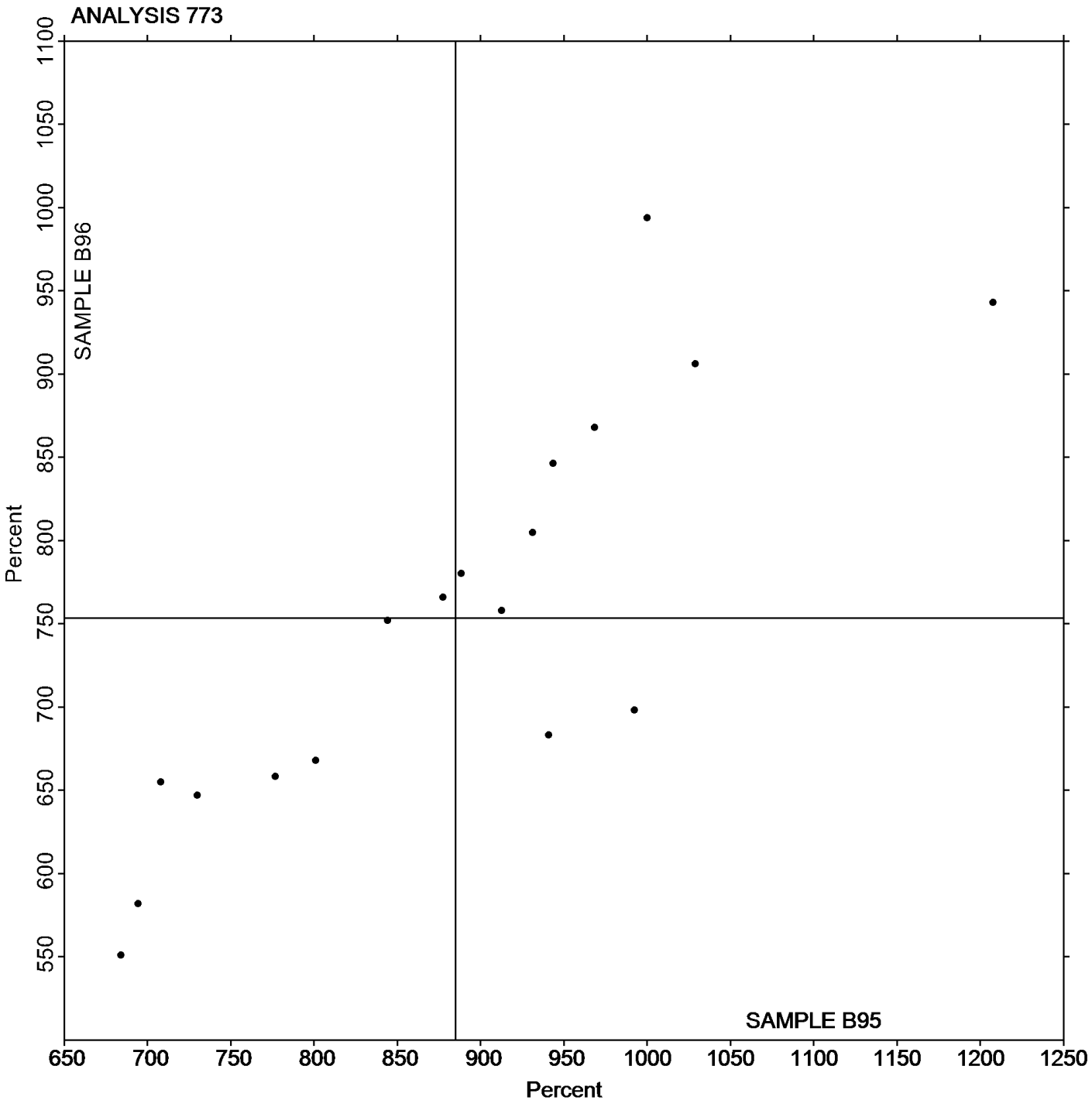
Statistics based on 18 of 18 reporting participants

Sample B95: LDPE & Sample B96: LDPE

Key to Instrument Codes Reported by Participants

IM Instru-Met Instruments
IN Instron
LI Lloyd Instruments
OA Oakland Testing
SH Shimadzu
TO Tinius Olsen
WZ Zwick

Grand Mean Sample B95: 885.00 Percent Grand Mean Sample B96: 753.35 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 B95 Lab Mean	Sample B95 Diff from Grand Mean	Sample B95 CPV	Sample B96 Lab Mean	Sample B96 Diff from Grand Mean	Sample B96 CPV
2PYCUW		2.7670	-0.1128	-0.59	2.7560	-0.0147	-0.11
39NTUK	X	2.4094	-0.4704	-2.47	3.3465	0.5758	4.18
3U3P2U		3.0400	0.1602	0.84	2.8100	0.0393	0.29
873ZLX		3.1400	0.2602	1.37	2.9400	0.1693	1.23
CV6TR9		2.9150	0.0352	0.18	2.7000	-0.0707	-0.51
FGFRRK		2.7953	-0.0846	-0.44	2.7283	-0.0423	-0.31
H2GMCL		3.0315	0.1517	0.80	2.7598	-0.0108	-0.08
HJGCTP		2.5079	-0.3719	-1.95	2.7796	0.0089	0.06
JY68FZ		3.1600	0.2802	1.47	2.7900	0.0193	0.14
KNHEHA		2.6250	-0.2548	-1.34	2.7250	-0.0457	-0.33
KTGRMM		3.1064	0.2265	1.19	3.0040	0.2333	1.70
NBKQ4C		2.9530	0.0732	0.38	2.7700	-0.0007	0.00
NV9CJU		2.9190	0.0392	0.21	2.8020	0.0313	0.23
NXTDEF		3.0600	0.1802	0.95	2.8700	0.0993	0.72
PY9MFT		2.7610	-0.1188	-0.62	2.5270	-0.2437	-1.77
T6J8QV		2.5600	-0.3198	-1.68	2.5070	-0.2637	-1.92
UVAX33		2.8800	0.0002	0.00	2.6370	-0.1337	-0.97
WKGFAD		2.9990	0.1192	0.63	3.0450	0.2743	1.99
YGRW87		2.7528	-0.1270	-0.67	2.6780	-0.0927	-0.67
YMH9AU		2.9190	0.0392	0.21	2.9000	0.1293	0.94
ZY6PMU		2.7050	-0.1748	-0.92	2.6850	-0.0857	-0.62

Summary Statistics

	Sample B95	Sample B96
Grand Means	2.87984 mils	2.77069 mils
Stnd Dev Btwn Labs	0.19039 mils	0.13762 mils

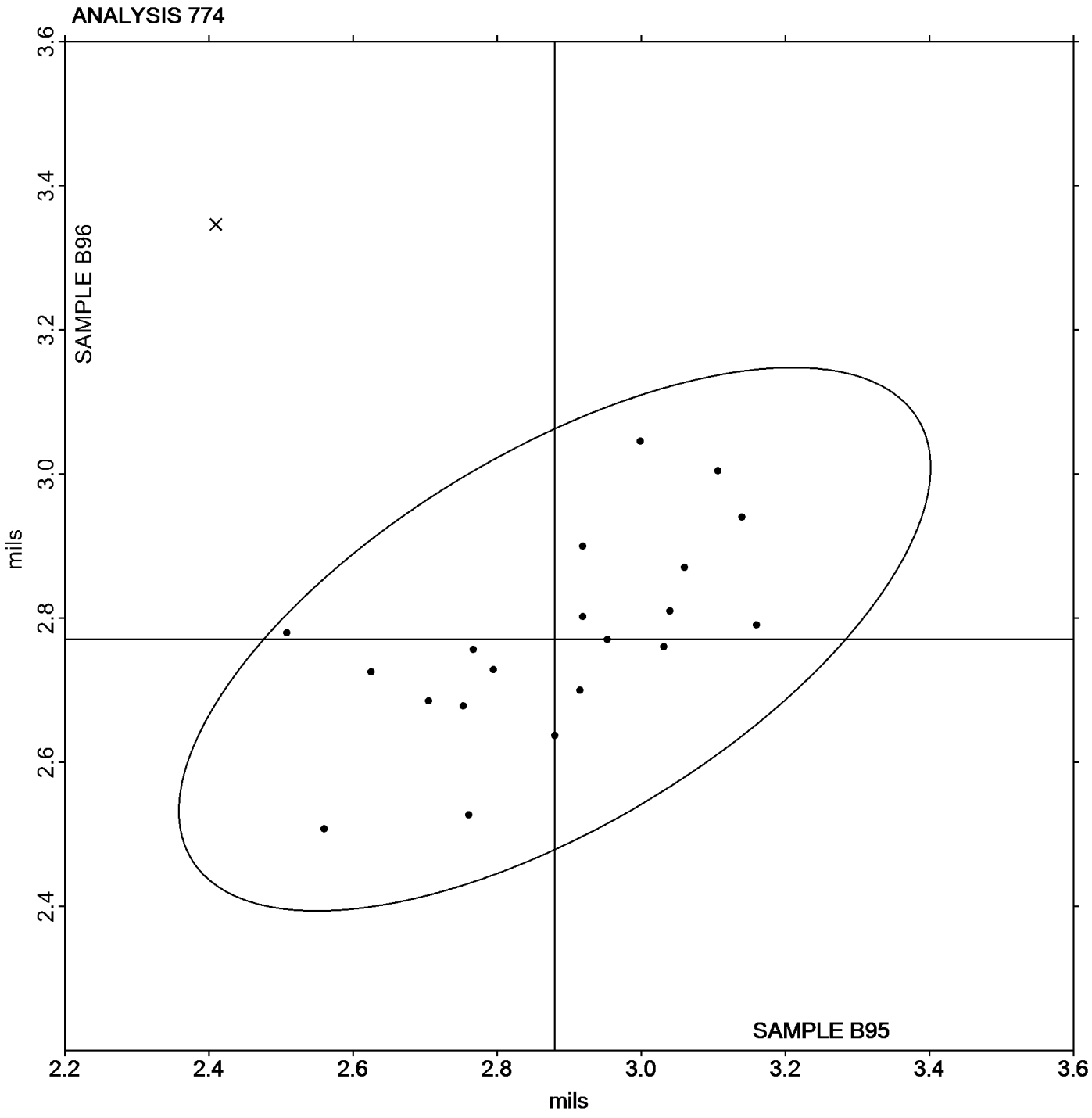
Statistics based on 20 of 21 reporting participants

Sample B95: LDPE & Sample B96: LDPE

Comments on Assigned Data Flags for Test #774

39NTUK (X) - Data for sample B96 are high.

Grand Mean Sample B95: 2.8798 mils Grand Mean Sample B96: 2.7707 mils



Plastics Interlaboratory Testing Program

Analysis 775

Secant Modulus at 1% Strain - psi

WebCode	Data Flag	Sample B95 Lab Mean	Sample B95 Diff from Grand Mean	Sample B95 CPV	Sample B96 Lab Mean	Sample B96 Diff from Grand Mean	Sample B96 CPV	Instr Code
2PYCUW		32,633	1,047	0.25	33,067	2,711	0.73	OA
39NTUK	X	67,530	35,944	8.54	38,957	8,601	2.31	WZ
3U3P2U		30,161	-1,425	-0.34	29,013	-1,343	-0.36	IM
873ZLX		33,103	1,517	0.36	30,959	603	0.16	IN
FGFRRK		23,467	-8,119	-1.93	21,379	-8,978	-2.41	SH
H2GMCL		36,200	4,613	1.10	33,839	3,483	0.93	WZ
KNHEHA		34,741	3,154	0.75	31,621	1,265	0.34	IN
KTGRMM		29,330	-2,256	-0.54	28,300	-2,056	-0.55	TO
NBKQ4C	X	52,902	21,315	5.06	53,117	22,761	6.11	IN
T6J8QV		37,600	6,014	1.43	35,780	5,424	1.46	IN
UVAX33		32,259	672	0.16	29,864	-493	-0.13	IN
WKGFAD		32,080	494	0.12	30,731	375	0.10	IN
YGRW87		25,878	-5,708	-1.36	29,365	-991	-0.27	LI

Summary Statistics

	Sample B95	Sample B96
Grand Means	31,586.5 psi	30,356.3 psi
Stnd Dev Btwn Labs	4,208.5 psi	3,726.3 psi

Statistics based on 11 of 13 reporting participants

Sample B95: LDPE & Sample B96: LDPE

Comments on Assigned Data Flags for Test #775

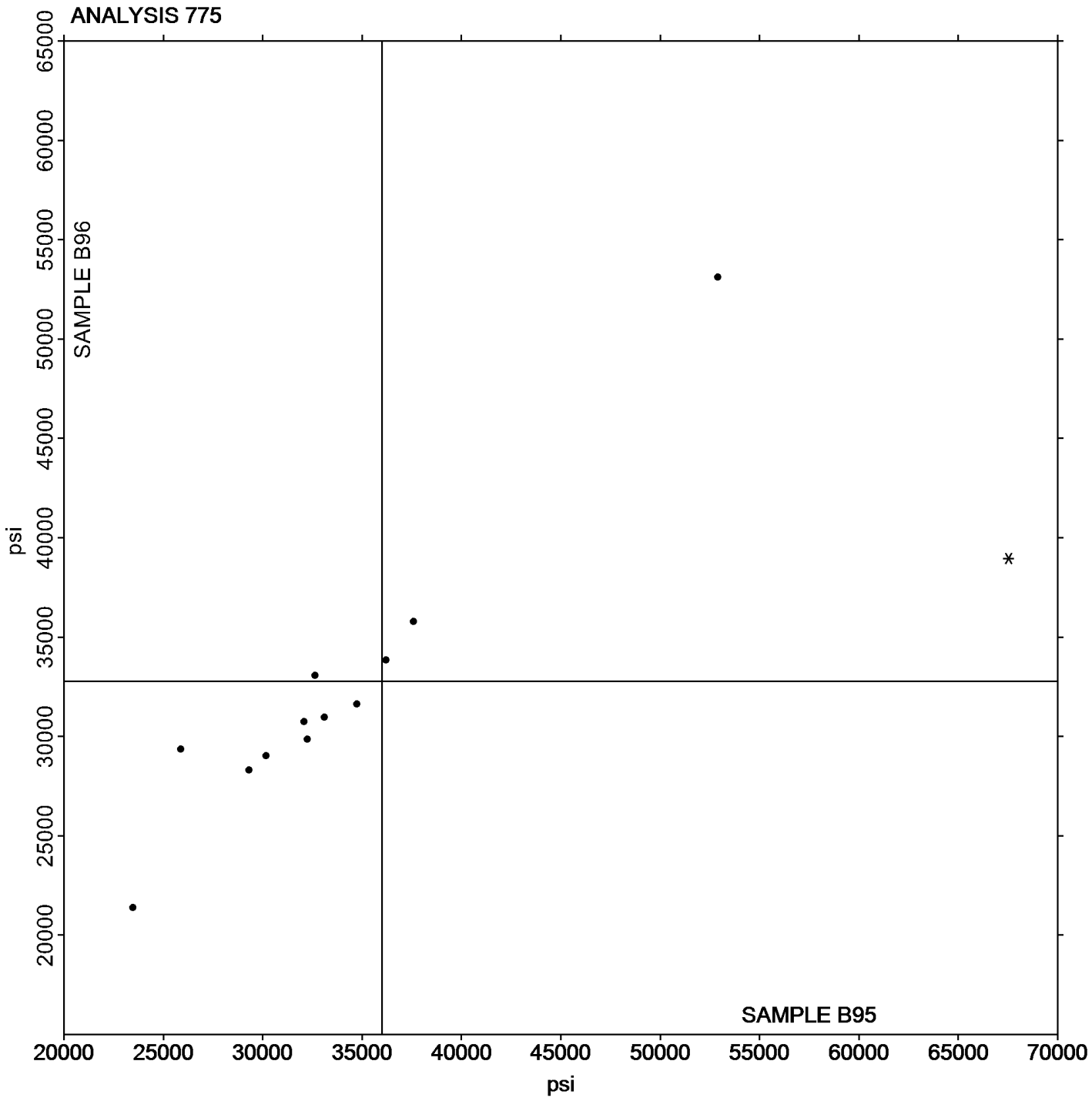
39NTUK (X) - Data for sample B95 are high. Inconsistent within the determinations of both samples.

NBKQ4C (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
LI Lloyd Instruments
OA Oakland Testing
SH Shimadzu
TO Tinius Olsen
WZ Zwick

Grand Mean Sample B95: 31,586.49 psi Grand Mean Sample B96: 30,356.27 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 B95 Lab Mean	Sample B95 Diff from Grand Mean	Sample B95 CPV	Sample B96 Lab Mean	Sample B96 Diff from Grand Mean	Sample B96 CPV	Instr Code
3U3P2U		26,429	-1,652	-0.57	25,100	-1,821	-0.87	IM
873ZLX		28,564	483	0.17	27,478	557	0.27	IN
FGFRRK		26,368	-1,712	-0.59	24,439	-2,482	-1.18	SH
H2GMCL		29,704	1,624	0.56	28,005	1,084	0.52	WZ
KNHEHA		30,316	2,236	0.77	27,596	675	0.32	IN
KTGRMM		29,430	1,349	0.46	28,400	1,479	0.71	TO
NBKQ4C	X	38,535	10,454	3.59	37,919	10,998	5.25	IN
T6J8QV		33,010	4,929	1.69	31,410	4,489	2.14	IN
UVAX33		28,285	204	0.07	26,103	-818	-0.39	MT
WKGFAD		26,444	-1,637	-0.56	25,500	-1,420	-0.68	IN
YGRW87		22,256	-5,825	-2.00	25,177	-1,744	-0.83	LI

Summary Statistics

	Sample B95	Sample B96
Grand Means	28,080.5 psi	26,920.8 psi
Stnd Dev Btwn Labs	2,911.7 psi	2,094.5 psi

Statistics based on 10 of 11 reporting participants

Sample B95: LDPE & Sample B96: LDPE

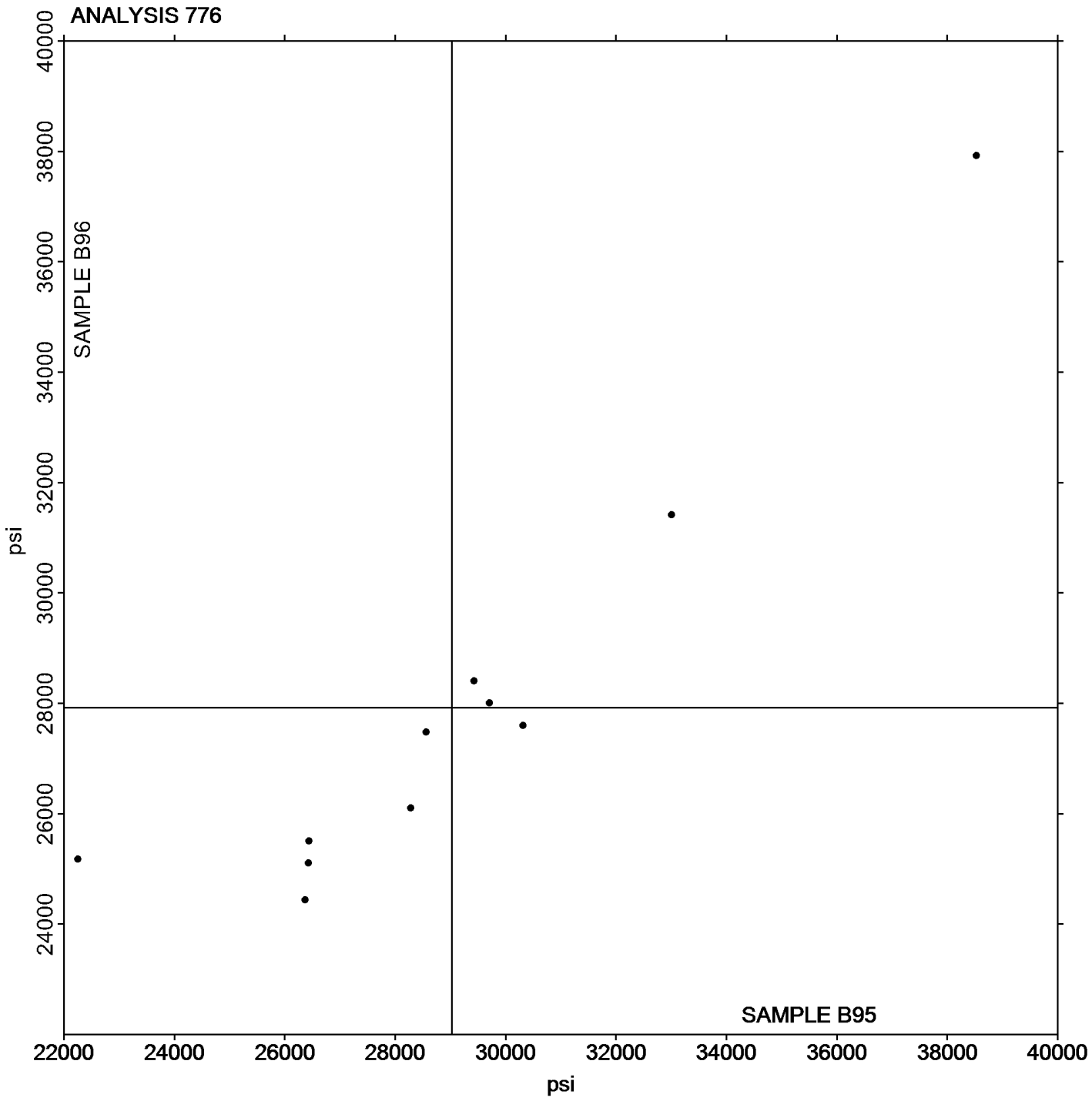
Comments on Assigned Data Flags for Test #776

NBKQ4C (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
LI	Lloyd Instruments	MT	MTS/Sintech
SH	Shimadzu	TO	Tinius Olsen
WZ	Zwick		

Grand Mean Sample B95: 28,080.51 psi Grand Mean Sample B96: 26,920.75 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 P95 Lab Mean	Sample P95 Diff from Grand Mean	Sample P95 CPV	Sample P96 Lab Mean	Sample P96 Diff from Grand Mean	Sample P96 CPV	Instr Code
2CPQG7		0.1230	-0.0337	-0.99	0.0996	-0.0423	-1.20	XX
2PYCUW		0.1704	0.0137	0.40	0.1466	0.0047	0.13	DY
39NTUK		0.2020	0.0453	1.34	0.1900	0.0481	1.37	SA
3U3P2U		0.1358	-0.0209	-0.62	0.1218	-0.0201	-0.57	TH
873ZLX		0.2080	0.0513	1.51	0.1634	0.0215	0.61	TM
CV6TR9		0.0996	-0.0571	-1.68	0.0890	-0.0529	-1.50	TO
KTGRMM		0.1324	-0.0243	-0.72	0.1326	-0.0093	-0.26	RD
L2HQDZ		0.1780	0.0213	0.63	0.1628	0.0209	0.60	MI
N42K6K		0.1418	-0.0149	-0.44	0.1292	-0.0127	-0.36	IG
NBKQ4C		0.1532	-0.0035	-0.10	0.1240	-0.0179	-0.51	TH
UVAX33		0.1792	0.0225	0.66	0.2016	0.0597	1.70	MI

Summary Statistics

	Sample P95	Sample P96
Grand Means	0.15667 COF	0.14187 COF
Stnd Dev Btwn Labs	0.03389 COF	0.03516 COF

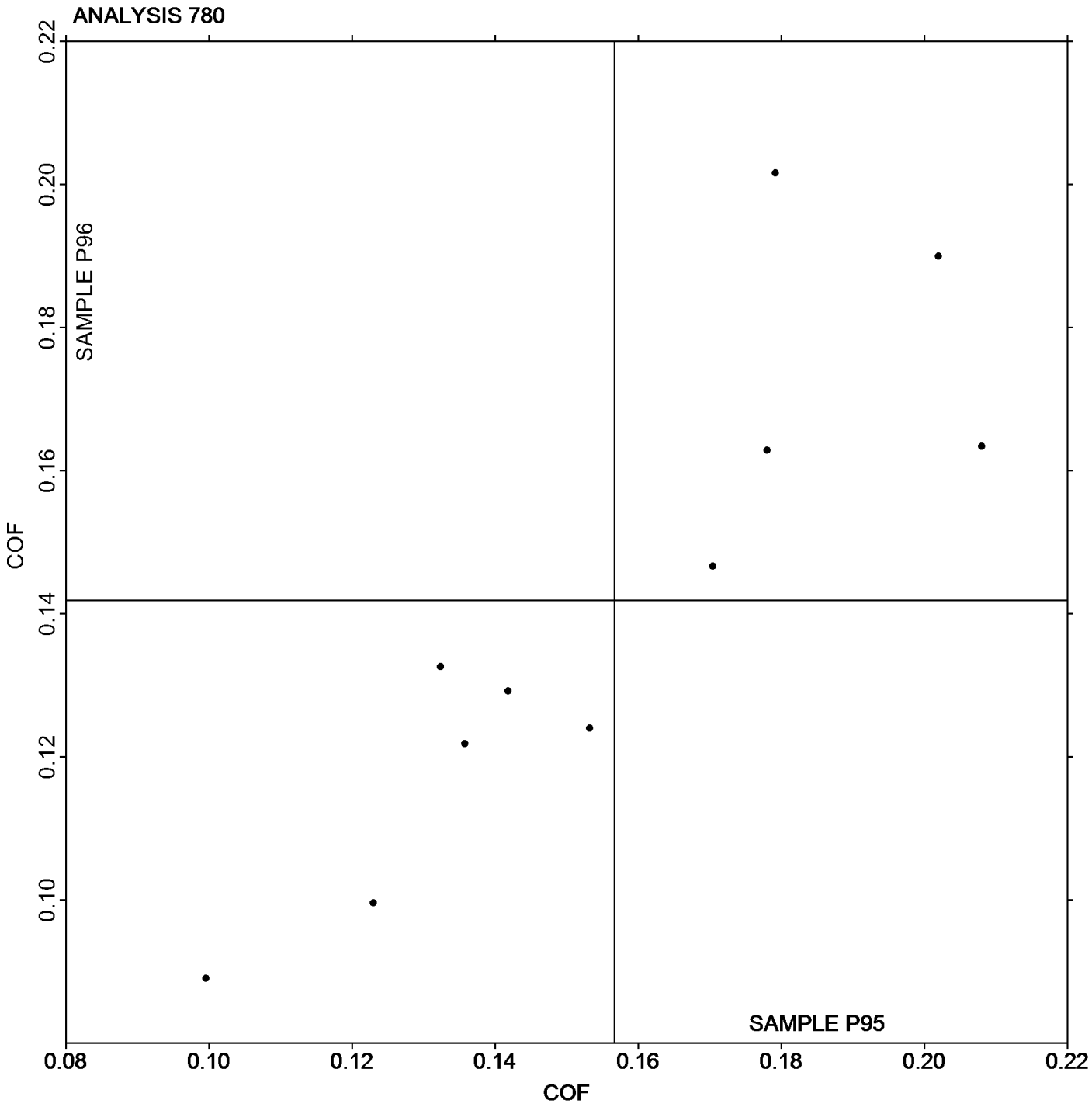
Statistics based on 11 of 11 reporting participants

Sample P95: LDPE & Sample P96: LDPE

Key to Instrument Codes Reported by Participants

DY	Dynisco Model D1055	IG	Instron
MI	MTS Insight	RD	RDM CF
SA	Shimadzu Autograph	TH	Thwing Albert Friction/Peel Tester Model 225-1
TM	TMI Slip and Friction Tester	TO	Tinius Olsen
XX	Instrument make/model not specified by lab		

Grand Mean Sample P95: 0.15667 COF Grand Mean Sample P96: 0.14187 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 P95 Lab Mean	Sample P95 Diff from Grand Mean	Sample P95 CPV	Sample P96 Lab Mean	Sample P96 Diff from Grand Mean	Sample P96 CPV	Instr Code
2CPQG7		0.0984	-0.0005	-0.03	0.0832	-0.0076	-0.34	XX
2PYCUW		0.1154	0.0165	0.90	0.1004	0.0096	0.43	DY
39NTUK		0.1000	0.0011	0.06	0.0980	0.0072	0.32	SA
3U3P2U		0.0798	-0.0191	-1.04	0.0724	-0.0184	-0.82	TH
873ZLX		0.1392	0.0403	2.19	0.1394	0.0486	2.17	TM
CV6TR9		0.0904	-0.0085	-0.46	0.0702	-0.0206	-0.92	TO
KTGRMM		0.1204	0.0215	1.17	0.1188	0.0280	1.25	RD
L2HQDZ		0.0864	-0.0125	-0.68	0.0734	-0.0174	-0.78	MI
N42K6K		0.0814	-0.0175	-0.95	0.0755	-0.0153	-0.68	IG
NBKQ4C		0.1026	0.0037	0.20	0.0828	-0.0080	-0.36	TH
T6J8QV		0.0946	-0.0043	-0.23	0.1078	0.0170	0.76	TH
UVAX33		0.0782	-0.0207	-1.13	0.0678	-0.0230	-1.03	MI

Summary Statistics

	Sample P95	Sample P96
Grand Means	0.09890 COF	0.09081 COF
Stnd Dev Btwn Labs	0.01839 COF	0.02242 COF

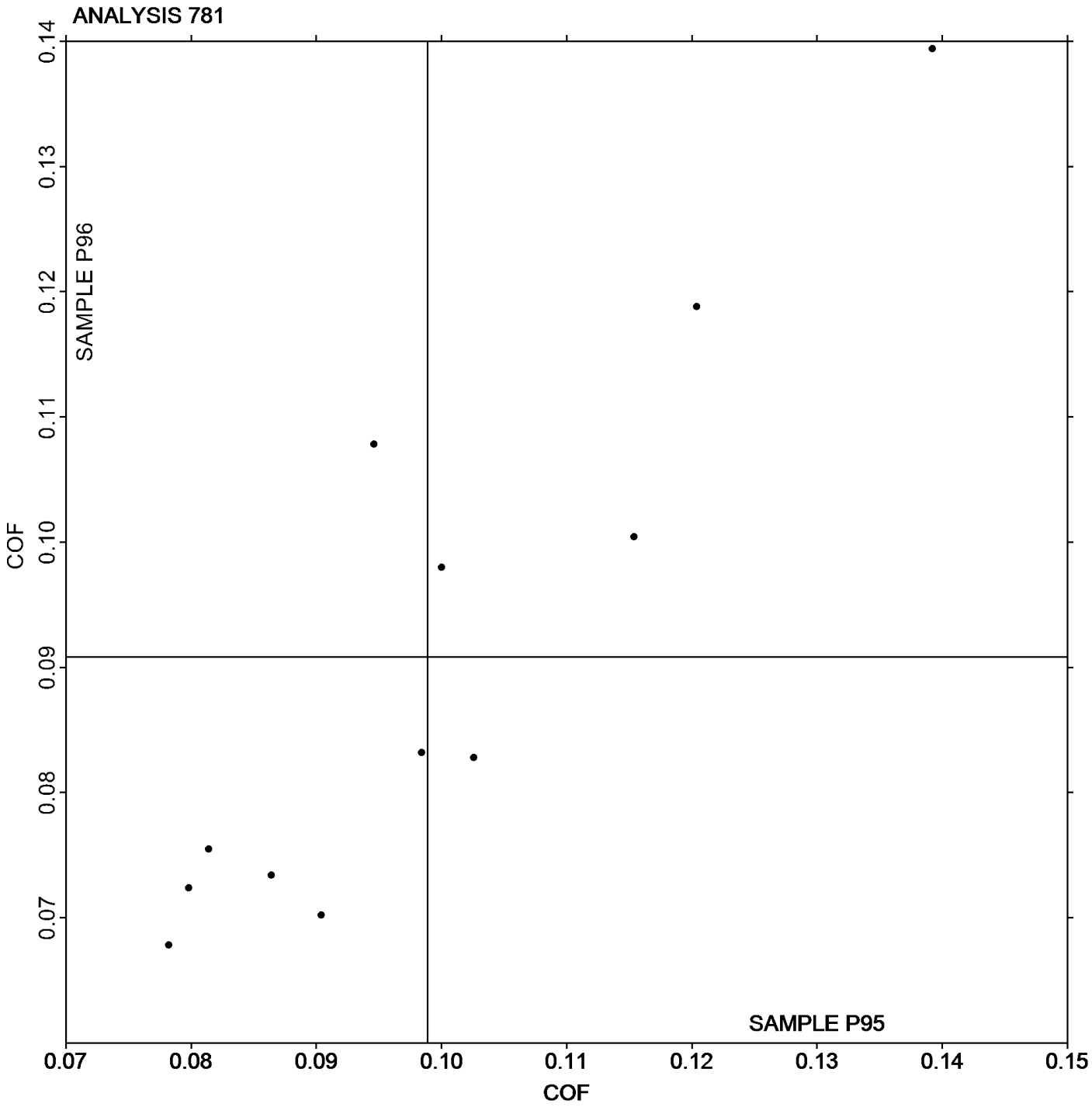
Statistics based on 12 of 12 reporting participants

Sample P95: LDPE & Sample P96: LDPE

Key to Instrument Codes Reported by Participants

DY	Dynisco Model D1055	IG	Instron
MI	MTS Insight	RD	RDM CF
SA	Shimadzu Autograph	TH	Thwing Albert Friction/Peel Tester Model 225-1
TM	TMI Slip and Friction Tester	TO	Tinius Olsen
XX	Instrument make/model not specified by lab		

Grand Mean Sample P95: 0.09890 COF Grand Mean Sample P96: 0.09081 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 Q95 Lab Mean	Sample Q95 Diff from Grand Mean	Sample Q95 CPV	Sample Q96 Lab Mean	Sample Q96 Diff from Grand Mean	Sample Q96 CPV	Instr Code
2PYCUW		339.6	39.8	0.73	287.8	41.5	0.98	TA
39NTUK		265.1	-34.6	-0.64	258.2	11.8	0.28	LO
3U3P2U		214.8	-85.0	-1.56	211.5	-34.8	-0.82	EM
873ZLX		331.4	31.6	0.58	186.0	-60.4	-1.43	TM
HJGCTP		358.2	58.4	1.07	285.5	39.2	0.93	SZ
T6J8QV		349.2	49.4	0.91	292.1	45.8	1.08	TE
UVAX33		302.4	2.7	0.05	249.7	3.3	0.08	TE
XP7CCA		237.4	-62.4	-1.15	200.0	-46.3	-1.10	TG

Summary Statistics

	Sample Q95	Sample Q96
Grand Means	299.76 grams-force	246.35 grams-force
Stnd Dev Btwn Labs	54.46 grams-force	42.26 grams-force

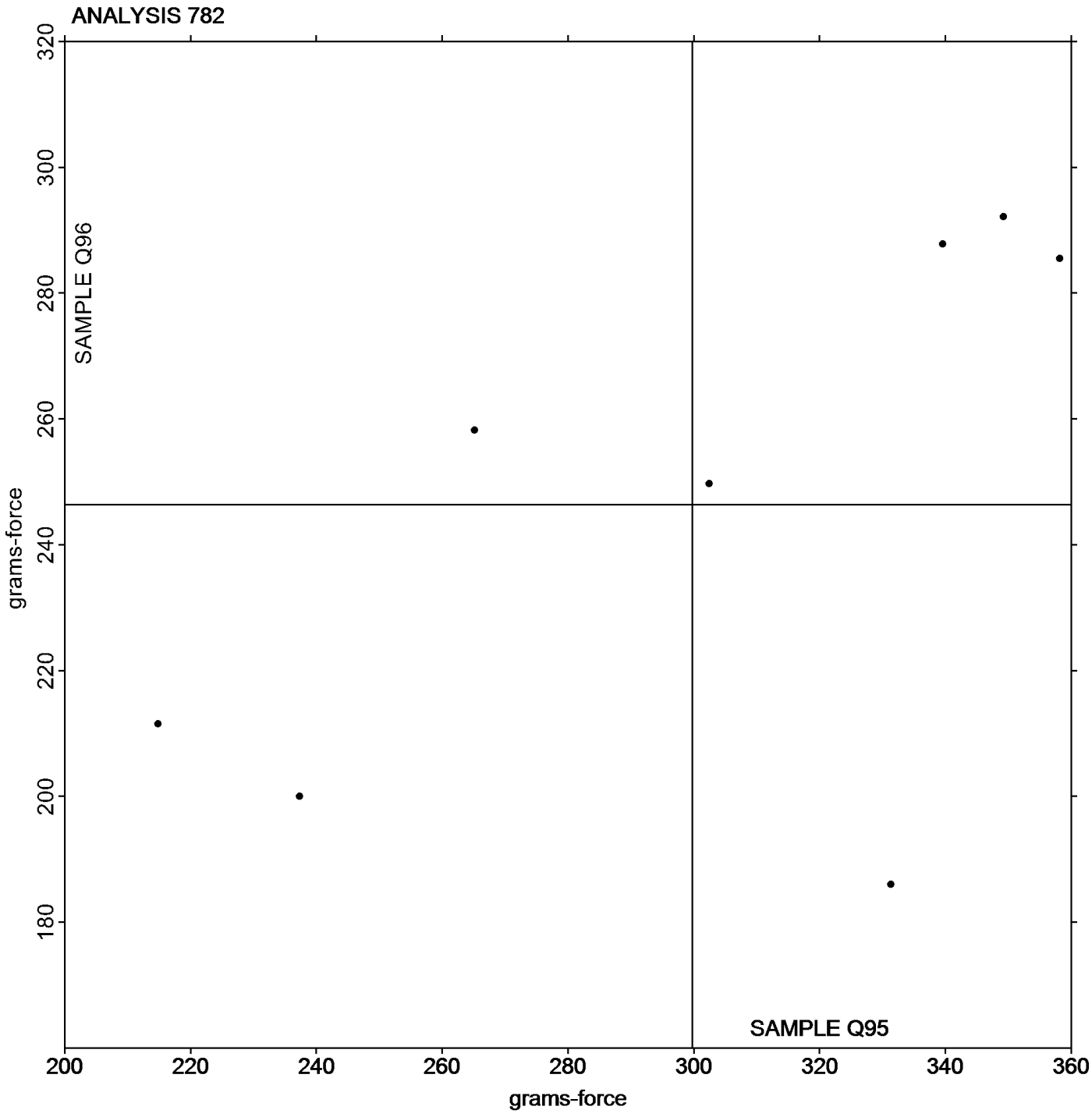
Statistics based on 8 of 8 reporting participants

Sample Q95: LDPE & Sample Q96: LDPE

Key to Instrument Codes Reported by Participants

EM Elmendorf Tear Tester
SZ Textest FX 3700
TE Thwing-Albert Pro Tear
TM TMI No. 83-1100
LO Lorentzen & Wettre Model II
TA Thwing-Albert
TG Thwing-Albert Model 93

Grand Mean Sample Q95: 299.76 grams-force Grand Mean Sample Q96: 246.35 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 D95 Lab Mean	Sample D95 Diff from Grand Mean	Sample D95 CPV	Sample D96 Lab Mean	Sample D96 Diff from Grand Mean	Sample D96 CPV	Instr Code
2PYCUW		26.599	0.074	0.06	19.840	0.643	0.90	XR
3U3P2U		27.038	0.513	0.41	19.409	0.211	0.29	BJ
6T4CED		27.200	0.676	0.54	19.563	0.365	0.51	BJ
7WHAMZ		26.225	-0.299	-0.24	18.675	-0.523	-0.73	BJ
873ZLX		26.825	0.301	0.24	18.675	-0.522	-0.73	BJ
9YYD83		25.100	-1.424	-1.15	19.038	-0.160	-0.22	BJ
CEKZ46		27.726	1.202	0.97	20.601	1.404	1.96	XR
F94MQM		26.410	-0.114	-0.09	19.780	0.583	0.81	BJ
GJ2UAD		27.345	0.821	0.66	19.534	0.336	0.47	BJ
GUJH3Q	*	23.834	-2.691	-2.17	16.913	-2.285	-3.19	XR
HJGCTP		26.425	-0.099	-0.08	19.025	-0.172	-0.24	BJ
L7FBGJ		26.625	0.101	0.08	19.188	-0.010	-0.01	BJ
LQZAKT		28.984	2.459	1.98	19.920	0.723	1.01	XR
NBKQ4C		28.088	1.563	1.26	19.463	0.265	0.37	BJ
NQBV8Z		25.338	-1.187	-0.95	18.588	-0.610	-0.85	BJ
PV2EZG		26.625	0.101	0.08	18.850	-0.347	-0.49	BJ
PY9MFT		27.775	1.251	1.01	19.663	0.465	0.65	BJ
QA2M4H		26.800	0.276	0.22	19.400	0.203	0.28	BJ
QFP7NK		24.050	-2.474	-1.99	17.850	-1.347	-1.88	HL
T6J8QV		27.225	0.701	0.56	19.413	0.215	0.30	BJ
ULGTK2		27.138	0.613	0.49	19.300	0.103	0.14	BJ
UVAX33	*	24.088	-2.437	-1.96	19.313	0.115	0.16	BJ
W7HK3D		27.378	0.853	0.69	19.149	-0.049	-0.07	XX
X32CED		25.663	-0.862	-0.69	19.100	-0.097	-0.14	BJ
XP7CCA		26.975	0.451	0.36	18.888	-0.310	-0.43	BJ
YWM8R4		26.158	-0.367	-0.30	20.003	0.805	1.12	XX

Summary Statistics

	Sample D95	Sample D96
Grand Means	26.5243 Percent	19.1975 Percent
Stnd Dev Btwn Labs	1.2428 Percent	0.7161 Percent

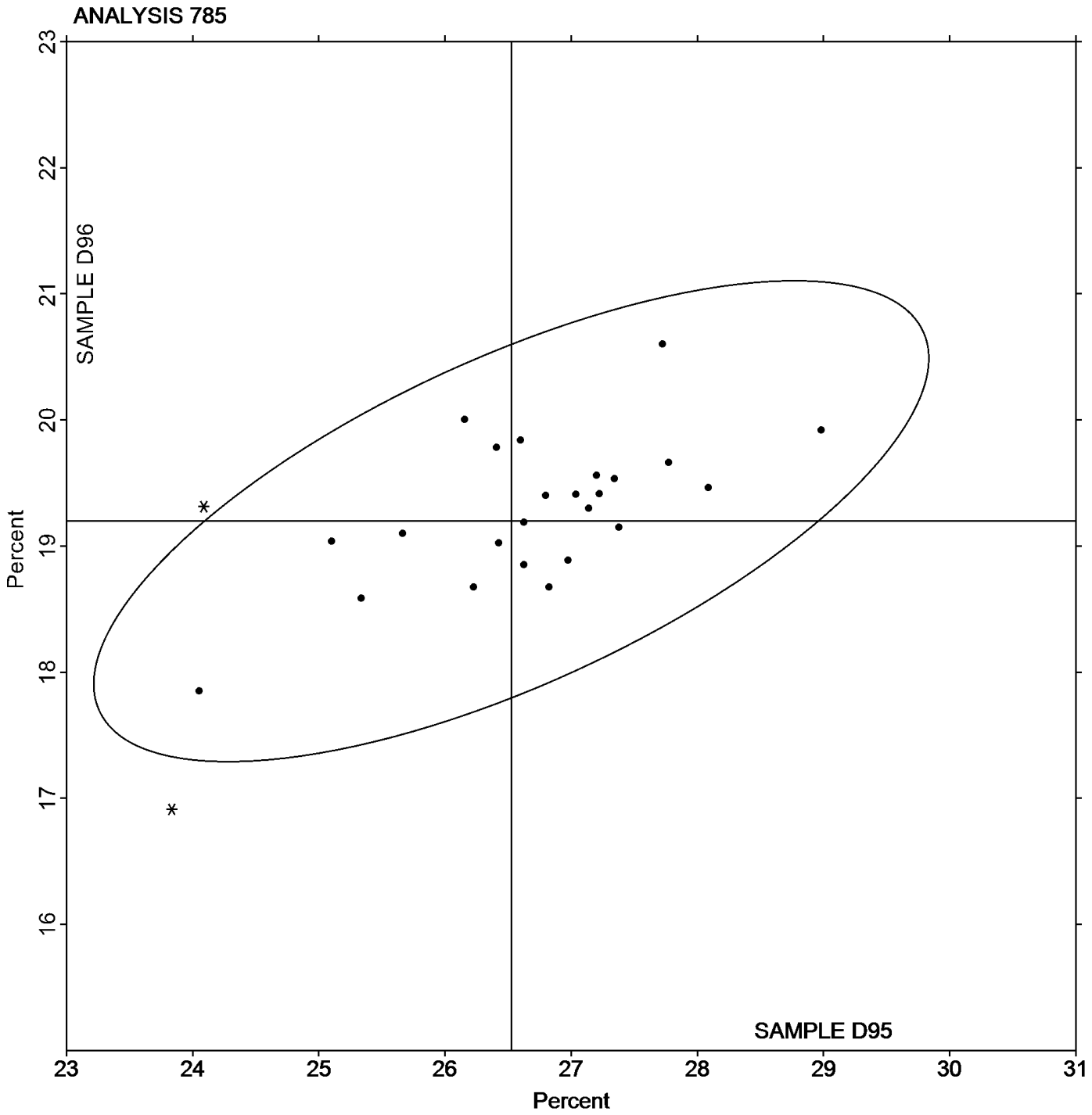
Statistics based on 26 of 26 reporting participants

Sample D95: LDPE & Sample D96: 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 D95: 26.524 Percent Grand Mean Sample D96: 19.198 Percent



WebCode	Data Flag	Sample D95 Lab Mean	Sample D95 Diff from Grand Mean	Sample D95 CPV	Sample D96 Lab Mean	Sample D96 Diff from Grand Mean	Sample D96 CPV	Instr Code
3U3P2U		93.39	0.62	0.52	93.53	0.68	0.58	BJ
6T4CED		94.04	1.27	1.07	94.08	1.23	1.05	BJ
7WHAMZ		93.28	0.51	0.43	93.41	0.56	0.48	BJ
873ZLX		93.06	0.29	0.25	93.24	0.39	0.33	BJ
9YYD83		93.46	0.69	0.58	93.84	0.99	0.85	BJ
CEKZ46		91.97	-0.79	-0.67	91.81	-1.04	-0.89	XR
F94MQM		93.19	0.42	0.35	93.28	0.43	0.37	BJ
GJ2UAD		93.14	0.37	0.31	93.20	0.35	0.30	BJ
GUJH3Q		91.54	-1.22	-1.03	91.58	-1.27	-1.08	XR
HJGCTP	X	70.44	-22.33	-18.79	76.26	-16.59	-14.18	BJ
L7FBGJ		93.16	0.39	0.33	93.40	0.55	0.47	BJ
LQZAKT		92.06	-0.71	-0.59	91.88	-0.97	-0.83	XR
NBKQ4C		94.41	1.64	1.38	94.35	1.50	1.28	BJ
NQBV8Z		94.06	1.29	1.09	94.18	1.33	1.13	BJ
PV2EZG		93.45	0.68	0.57	93.39	0.54	0.46	BJ
PY9MFT		94.19	1.42	1.19	94.25	1.40	1.20	BJ
QA2M4H		92.60	-0.17	-0.14	92.79	-0.06	-0.05	BJ
QFP7NK		90.13	-2.64	-2.22	90.45	-2.40	-2.05	HL
T6J8QV		89.70	-3.07	-2.58	89.79	-3.06	-2.62	BJ
ULGTK2		92.29	-0.48	-0.40	92.59	-0.26	-0.22	BJ
UVAX33		93.09	0.32	0.27	93.23	0.38	0.32	BJ
W7HK3D	*	92.49	-0.28	-0.24	92.01	-0.84	-0.72	XX
X32CED		93.28	0.51	0.43	93.13	0.28	0.24	BJ
XP7CCA		91.23	-1.54	-1.30	91.74	-1.11	-0.95	BJ
YWM8R4		93.25	0.48	0.40	93.28	0.43	0.37	XX

Summary Statistics

	Sample D95	Sample D96
Grand Means	92.768 Percent	92.849 Percent
Stnd Dev Btwn Labs	1.188 Percent	1.169 Percent

Statistics based on 24 of 25 reporting participants

Sample D95: LDPE & Sample D96: LDPE

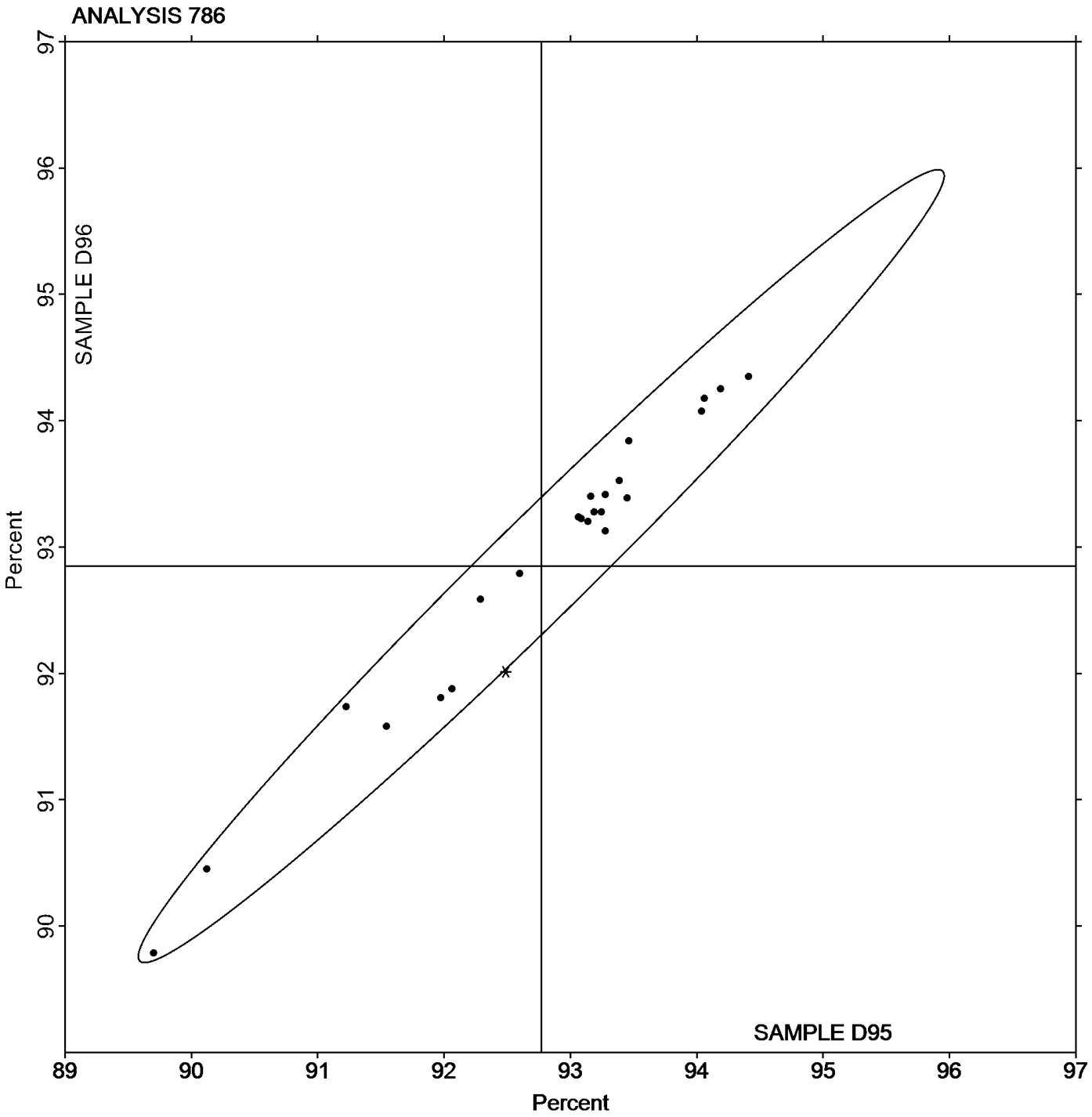
Comments on Assigned Data Flags for Test #786

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

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample D95: 92.768 Percent Grand Mean Sample D96: 92.849 Percent



WebCode	Data Flag	Sample S95 Lab Mean	Sample S95 Diff from Grand Mean	Sample S95 CPV	Sample S96 Lab Mean	Sample S96 Diff from Grand Mean	Sample S96 CPV	Instr Code
2UU43U	X	2.30	0.40	2.76	2.13	0.24	1.63	WZ
3EUPF6		2.08	0.18	1.24	2.05	0.16	1.07	BA
3PQRGD		1.90	0.00	0.03	1.91	0.02	0.14	TM
4MGUX6		1.82	-0.08	-0.56	1.88	-0.01	-0.07	TO
4TQA8T		1.93	0.03	0.19	1.98	0.09	0.59	WZ
83QPVN		1.82	-0.08	-0.53	1.79	-0.10	-0.70	CE
87LJTP		1.83	-0.07	-0.46	1.87	-0.03	-0.17	CE
8MCNWD		1.70	-0.20	-1.34	1.73	-0.16	-1.12	TO
99N4UV		1.94	0.04	0.28	1.93	0.04	0.26	TO
9PEVQP		1.84	-0.06	-0.40	1.87	-0.02	-0.13	IN
BCW9EU		1.92	0.02	0.16	1.98	0.09	0.64	CE
C4JCC9		1.79	-0.11	-0.75	1.77	-0.12	-0.81	TO
CUTZRE	X	0.27	-1.62	-11.12	0.33	-1.56	-10.64	TM
CV6TR9		1.93	0.03	0.21	1.95	0.06	0.39	WZ
D6Q4TN		1.80	-0.10	-0.68	1.72	-0.17	-1.19	TO
FGFRRK	X	8.00	6.10	41.75	1.83	-0.06	-0.40	WZ
GJ2UAD		1.89	-0.01	-0.08	1.87	-0.02	-0.15	TY
HMVAZC		1.88	-0.01	-0.10	1.78	-0.11	-0.77	XX
HT2XML	X	1.86	-0.04	-0.25	1.58	-0.31	-2.14	TO
HW6EBH		2.00	0.10	0.68	1.95	0.06	0.43	TM
J2AVWB		1.95	0.05	0.35	1.95	0.06	0.44	CS
K7HH9R		1.71	-0.19	-1.28	1.74	-0.15	-1.02	WZ
L7FBGJ		1.92	0.02	0.13	1.95	0.06	0.38	WZ
LVH8DP		1.76	-0.14	-0.93	1.77	-0.12	-0.82	CE
M87TWP		2.01	0.11	0.75	1.97	0.08	0.54	TM
MVDAGK		1.75	-0.15	-1.05	1.76	-0.13	-0.89	DY
NATUEH	M	No data reported for this sample			0.01	-1.88	-12.81	IN
NBKQ4C		1.73	-0.17	-1.18	1.76	-0.13	-0.91	TO
NGNWGU		1.86	-0.04	-0.29	1.80	-0.09	-0.64	XX
NZ2CZA		2.15	0.25	1.71	2.16	0.27	1.80	TM
P6CLQJ		1.91	0.01	0.07	1.87	-0.02	-0.12	WZ
PZDDFG	X	2.27	0.37	2.51	1.58	-0.31	-2.09	TO
Q2RYPJ		1.77	-0.13	-0.88	1.77	-0.12	-0.80	CE
QA2M4H		1.84	-0.06	-0.39	1.89	0.00	-0.01	CE
QDXAYQ		1.77	-0.13	-0.88	1.75	-0.14	-0.94	TO

WebCode	Data Flag	Sample S95 Lab Mean	Sample S95 Diff from Grand Mean	Sample S95 CPV	Sample S96 Lab Mean	Sample S96 Diff from Grand Mean	Sample S96 CPV	Instr Code
RVWMAD		1.85	-0.05	-0.31	1.88	-0.01	-0.10	TM
RW8NVC	X	1.64	-0.26	-1.76	1.86	-0.03	-0.20	TO
T6J8QV		1.87	-0.03	-0.20	1.85	-0.04	-0.25	CE
TC3BVC	*	2.36	0.46	3.13	2.37	0.48	3.24	XX
TDALU2		1.92	0.02	0.14	1.91	0.02	0.16	TY
TTMBFG		1.99	0.10	0.65	2.01	0.12	0.78	TO
UFBZP6	*	2.21	0.31	2.13	2.08	0.19	1.28	TO
ULGTK2		1.79	-0.11	-0.76	1.73	-0.16	-1.09	TO
UN8T7C		1.86	-0.04	-0.27	1.83	-0.06	-0.44	TO
UVAX33		1.71	-0.19	-1.31	1.69	-0.20	-1.37	TO
UZ6P9D		1.90	0.00	0.03	1.88	-0.01	-0.04	WZ
WGH2PA	*	2.15	0.25	1.71	2.23	0.34	2.28	TO
XMLBGM		2.18	0.28	1.91	2.10	0.21	1.43	TO
YL94V7		1.77	-0.13	-0.90	1.70	-0.19	-1.28	TO

Summary Statistics

	Sample S95	Sample S96
Grand Means	1.899 ft.lbf/in	1.891 ft.lbf/in
Stnd Dev Btwn Labs	0.146 ft.lbf/in	0.147 ft.lbf/in

Statistics based on 42 of 49 reporting participants

Sample S95: HIPS & Sample S96: HIPS

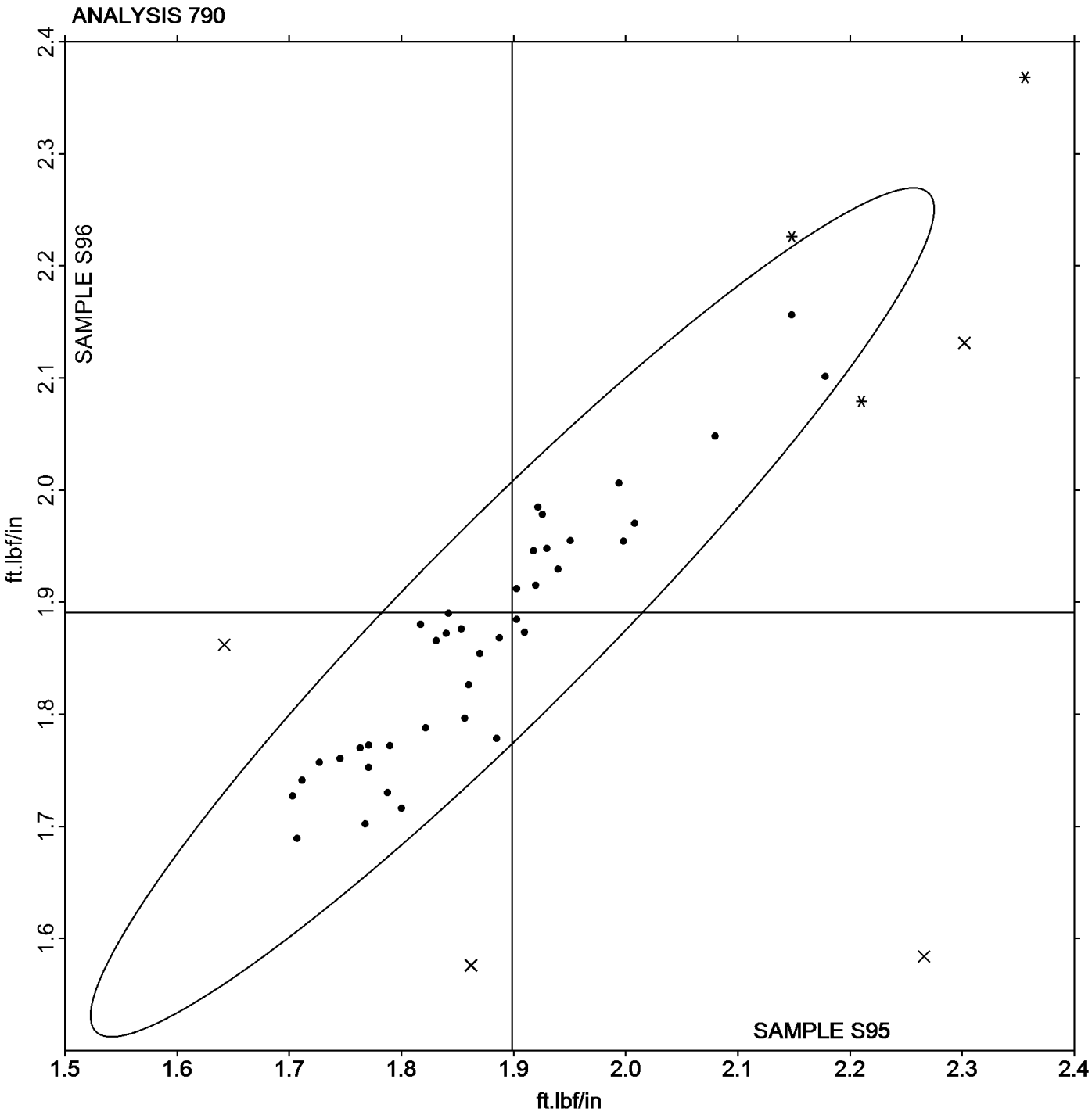
Comments on Assigned Data Flags for Test #790

RW8NVC (X) - Inconsistent in testing between samples.
NATUEH (M) - Participant did not submit data for sample S95.
2UU43U (X) - Data for sample S95 are high.
FGFRRK (X) - Extreme data for sample S95.
PZDDFG (X) - Inconsistent in testing between samples.
HT2XML (X) - Inconsistent in testing between samples.
CUTZRE (X) - Data for both samples are low.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample S95: 1.8989 ft.lbf/in Grand Mean Sample S96: 1.8908 ft.lbf/in



WebCode	Data Flag	Sample Z95 Lab Mean	Sample Z95 Diff from Grand Mean	Sample Z95 CPV	Sample Z96 Lab Mean	Sample Z96 Diff from Grand Mean	Sample Z96 CPV	Instr Code
2LEEDU		22.48	-0.01	0.00	22.98	0.46	0.37	TO
3B9UN7		22.55	0.07	0.06	22.21	-0.31	-0.24	IN
7JWUJ2		22.29	-0.20	-0.17	22.34	-0.17	-0.14	XX
B8R8H7		21.17	-1.31	-1.13	21.44	-1.08	-0.86	TO
BC2NRU		21.88	-0.60	-0.52	22.23	-0.29	-0.23	CE
BZ86DP		20.06	-2.43	-2.10	20.21	-2.31	-1.83	XX
C9TTKW		23.69	1.20	1.04	23.34	0.82	0.65	XX
CNN46U	X	22.92	0.43	0.37	21.45	-1.07	-0.85	WZ
D99B49		21.68	-0.81	-0.69	21.92	-0.60	-0.47	TO
DHXZZW		22.13	-0.35	-0.31	21.96	-0.56	-0.45	CE
F8Q4UW		22.90	0.41	0.36	23.14	0.62	0.49	TO
G4AW7W		23.14	0.65	0.56	23.02	0.50	0.40	TO
GJ2UAD		23.27	0.78	0.68	23.09	0.57	0.45	XX
HMVAZC		20.29	-2.19	-1.89	20.56	-1.96	-1.56	XX
JEYNJC		20.25	-2.23	-1.93	20.50	-2.02	-1.60	IE
JMPAMP		23.68	1.19	1.03	23.50	0.98	0.78	WZ
JTWNEL		23.30	0.81	0.70	23.42	0.90	0.72	WZ
L6LBEE		21.40	-1.08	-0.93	21.31	-1.21	-0.96	TY
MNR4W7		23.65	1.16	1.00	23.62	1.10	0.87	CE
NA82ZZ		25.21	2.73	2.35	25.54	3.03	2.40	CE
NBKQ4C		21.64	-0.85	-0.73	21.41	-1.11	-0.88	TO
NGNWGU	*	20.04	-2.44	-2.11	19.41	-3.11	-2.47	XX
P6CLQJ		22.86	0.37	0.32	22.59	0.08	0.06	WZ
PJ8XBG		22.73	0.25	0.21	23.11	0.59	0.47	CE
QHA8H8		23.42	0.93	0.81	23.37	0.85	0.68	CE
R6M8DQ		22.49	0.01	0.01	22.10	-0.42	-0.33	CE
RWPF6W		23.61	1.13	0.97	23.68	1.16	0.92	WZ
T6J8QV		22.48	-0.01	0.00	22.98	0.46	0.37	CE
TDALU2		23.04	0.55	0.48	23.42	0.91	0.72	TY
TTMBFG	*	24.42	1.93	1.67	25.40	2.88	2.29	TO
UFBZP6		22.66	0.17	0.15	22.68	0.16	0.13	TO
UN8T7C		22.93	0.45	0.39	22.03	-0.48	-0.38	TO
UQTPE3		21.31	-1.18	-1.02	21.05	-1.46	-1.16	WZ
UVAX33		22.81	0.33	0.28	22.19	-0.33	-0.26	TO
UWZBC8		21.62	-0.87	-0.75	21.57	-0.94	-0.75	IN

WebCode	Data Flag	Sample Z95 Lab Mean	Sample Z95 Diff from Grand Mean	Sample Z95 CPV	Sample Z96 Lab Mean	Sample Z96 Diff from Grand Mean	Sample Z96 CPV	Instr Code
UXDQUF		22.28	-0.21	-0.18	22.37	-0.15	-0.12	TO
UZ6P9D		22.69	0.20	0.17	23.42	0.90	0.72	WZ
V9U2GC		22.16	-0.33	-0.28	21.84	-0.68	-0.54	TO
VAHHPY		24.25	1.77	1.53	24.40	1.88	1.49	CE
XAFKFF		22.80	0.31	0.27	22.58	0.06	0.05	WZ
ZTWKBZ		22.16	-0.33	-0.28	22.78	0.26	0.21	TO

Summary Statistics

	Sample Z95	Sample Z96
Grand Means	22.485 kJ/m^2	22.518 kJ/m^2
Stnd Dev Btwn Labs	1.159 kJ/m^2	1.260 kJ/m^2

Statistics based on 40 of 41 reporting participants

Sample Z95: ABS & Sample Z96: ABS

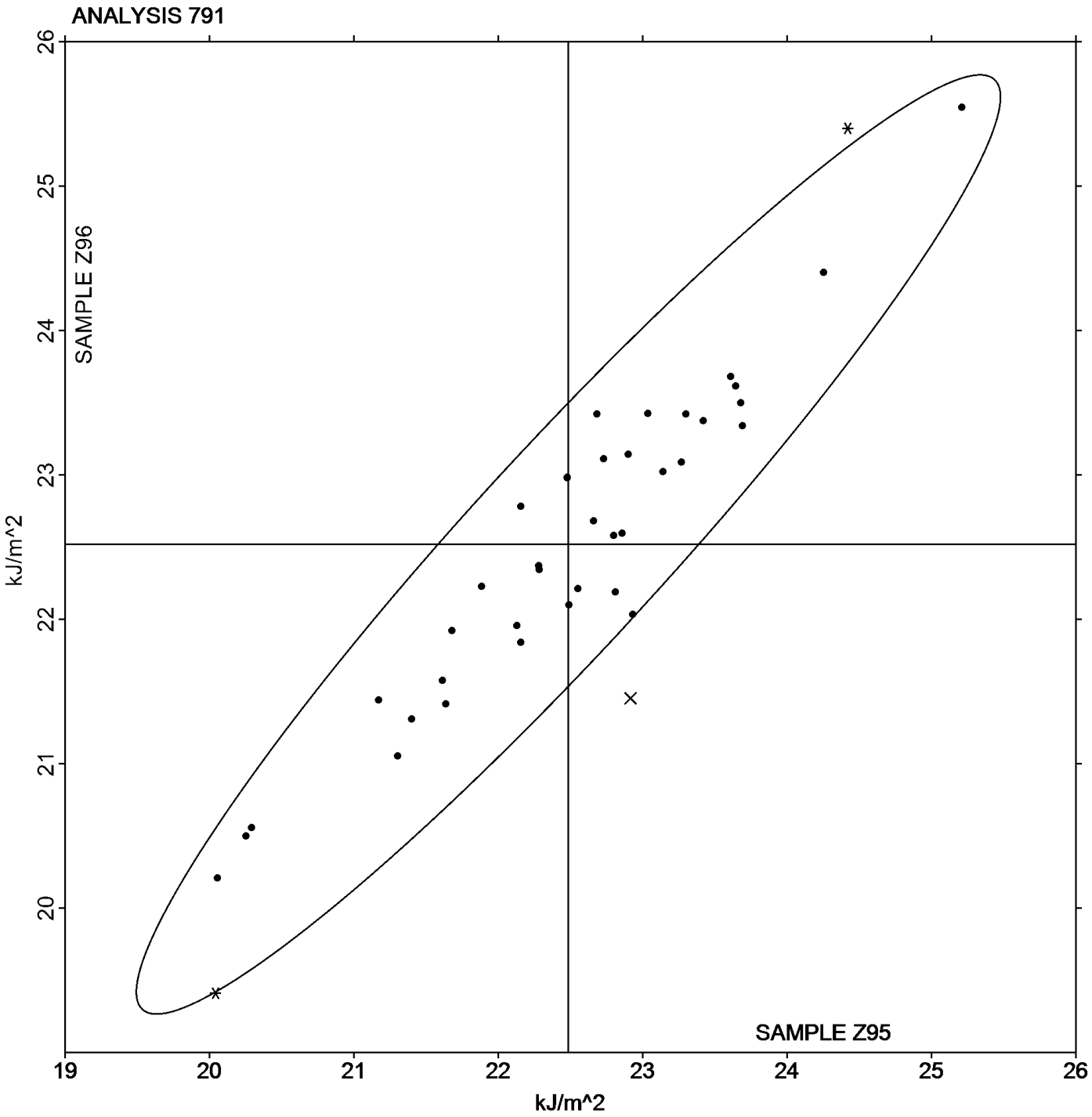
Comments on Assigned Data Flags for Test #791

CNN46U (X) - Inconsistent in testing between samples.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample Z95: 22.485 kJ/m^2 Grand Mean Sample Z96: 22.518 kJ/m^2



WebCode	Data Flag	Sample M95 Lab Mean	Sample M95 Diff from Grand Mean	Sample M95 CPV	Sample M96 Lab Mean	Sample M96 Diff from Grand Mean	Sample M96 CPV	Instr Code
2LEEDU		22.01	-0.64	-0.71	22.37	-0.25	-0.28	TO
3B9UN7		23.76	1.11	1.23	23.91	1.29	1.46	IN
6MXR7M		21.45	-1.20	-1.34	22.02	-0.60	-0.67	WZ
6T4CED		22.04	-0.61	-0.68	22.30	-0.32	-0.36	TO
8G2MPN		23.40	0.75	0.83	23.46	0.84	0.95	WZ
8MCNWD		22.38	-0.27	-0.30	22.62	0.00	0.00	TO
9BFZJP		22.42	-0.22	-0.25	22.51	-0.11	-0.12	IN
B8R8H7	*	23.34	0.70	0.77	22.20	-0.42	-0.48	TO
BC2NRU		23.88	1.23	1.37	23.85	1.23	1.40	CE
C9TTKW		22.44	-0.21	-0.23	22.40	-0.22	-0.25	WZ
CNN46U		22.58	-0.06	-0.07	22.94	0.32	0.37	WZ
D99B49		20.66	-1.99	-2.21	20.64	-1.98	-2.24	TO
DHXZZW		23.21	0.56	0.63	22.96	0.34	0.38	CE
EQMANW		22.57	-0.07	-0.08	23.29	0.67	0.76	CE
F8Q4UW		23.14	0.49	0.55	22.92	0.30	0.34	TO
FDFGVK		21.87	-0.78	-0.86	22.00	-0.62	-0.70	XX
FGFRRK	X	30.63	7.98	8.87	50.85	28.23	31.98	XX
GE8WJ2	*	22.90	0.25	0.28	21.88	-0.74	-0.84	IN
GJ2UAD		22.67	0.02	0.02	22.95	0.33	0.37	TY
HMVAZC		21.10	-1.55	-1.72	21.02	-1.60	-1.81	XX
JEYNJC	X	30.34	7.69	8.55	31.00	8.38	9.49	XX
JMPAMP		22.18	-0.47	-0.52	22.14	-0.48	-0.54	WZ
K7HH9R		23.07	0.42	0.47	22.76	0.14	0.16	WZ
KNHEHA		21.89	-0.76	-0.85	21.90	-0.72	-0.82	CE
L6LBEE		21.30	-1.35	-1.50	21.48	-1.14	-1.30	TY
L7FBGJ		22.64	-0.01	-0.01	22.62	0.00	0.00	WZ
LVH8DP		23.72	1.07	1.19	23.57	0.95	1.08	IN
MNR4W7		23.93	1.28	1.42	23.44	0.82	0.93	CE
N78WXF		21.34	-1.31	-1.45	21.05	-1.57	-1.77	TM
NA82ZZ		23.68	1.03	1.15	24.27	1.65	1.87	CE
NBKQ4C		22.91	0.26	0.29	22.80	0.18	0.20	TO
NGNWGU	*	20.22	-2.42	-2.69	20.36	-2.26	-2.56	XX
P6CLQJ		22.32	-0.33	-0.36	22.67	0.05	0.06	WZ
PJ8XBG		23.14	0.49	0.55	23.14	0.52	0.59	CE
PN4VNE		23.21	0.56	0.62	23.71	1.09	1.24	CE

WebCode	Data Flag	Sample M95 Lab Mean	Sample M95 Diff from Grand Mean	Sample M95 CPV	Sample M96 Lab Mean	Sample M96 Diff from Grand Mean	Sample M96 CPV	Instr Code
PTGD7V		22.72	0.07	0.08	22.71	0.09	0.10	CE
PUM8EZ		22.70	0.05	0.06	22.51	-0.11	-0.13	WZ
QHA8H8		23.93	1.28	1.42	23.80	1.18	1.33	XX
R6M8DQ		23.02	0.37	0.41	22.60	-0.02	-0.03	CE
RWPF6W		23.52	0.88	0.97	23.51	0.89	1.01	WZ
T6J8QV		23.20	0.55	0.61	22.84	0.22	0.25	CE
T9HJLV		23.67	1.02	1.14	23.59	0.97	1.10	TO
TC3BVC	X	26.38	3.73	4.14	26.75	4.13	4.68	XX
UFBZP6		22.88	0.23	0.26	23.12	0.50	0.57	TO
UQTPE3		22.33	-0.32	-0.35	22.38	-0.24	-0.27	WZ
UVAX33		22.12	-0.53	-0.59	22.31	-0.31	-0.36	TO
UXDQUF		22.18	-0.47	-0.53	21.67	-0.95	-1.08	TO
UZ6P9D		22.91	0.26	0.29	22.34	-0.28	-0.31	WZ
V9U2GC		21.54	-1.11	-1.23	21.82	-0.80	-0.91	TO
VAHHPY		21.67	-0.98	-1.09	21.59	-1.03	-1.16	CE
WPCFE2		23.85	1.21	1.34	23.04	0.42	0.47	WZ
XAFKFF		22.60	-0.05	-0.05	22.68	0.06	0.07	WZ
XDGLGX		22.37	-0.27	-0.31	22.18	-0.44	-0.49	WZ
XMLBGM	X	27.36	4.71	5.24	27.64	5.02	5.68	TO
YL94V7		22.46	-0.19	-0.21	22.58	-0.04	-0.04	TO
ZH2EG3		24.70	2.05	2.28	24.80	2.18	2.47	CE

Summary Statistics

	Sample M95	Sample M96
Grand Means	22.649 kJ/m^2	22.620 kJ/m^2
Stnd Dev Btwn Labs	0.900 kJ/m^2	0.883 kJ/m^2

Statistics based on 52 of 56 reporting participants

Sample M95: ABS & Sample M96: ABS

Comments on Assigned Data Flags for Test #792

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

FGFRRK (X) - Extreme data for sample M96.

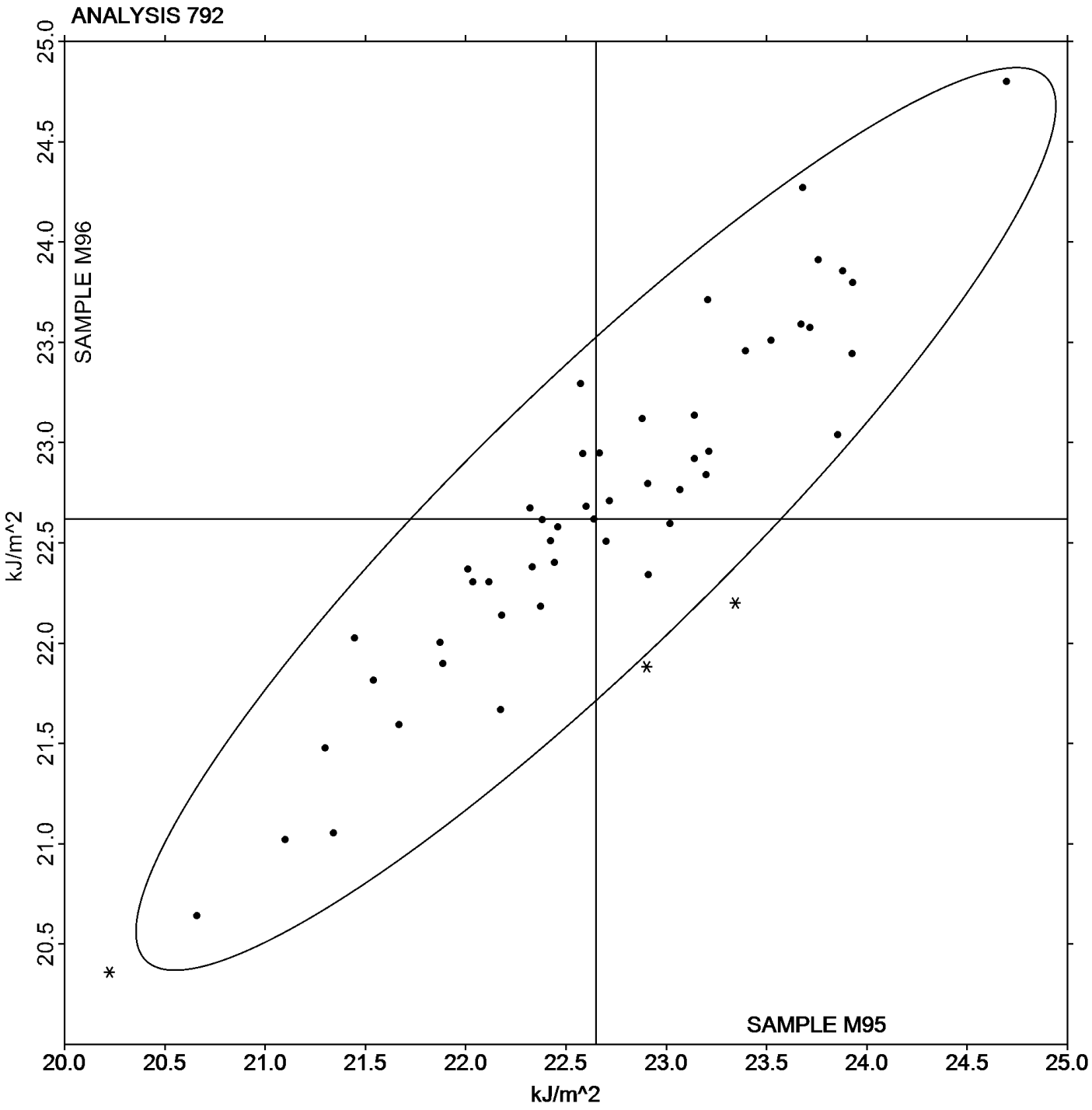
TC3BVC (X) - Data for both samples are high. Possible Systematic Error.

JEYNJC (X) - Data for both samples are high. 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 M95: 22.649 kJ/m ^ 2 Grand Mean Sample M96: 22.620 kJ/m ^ 2



-End of Report-