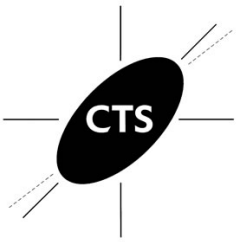

Collaborative Testing Services, Inc.

Plastics Interlaboratory Testing Program

Web Summary Report #105, 1st Qtr 2018

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
760	DSC Crystallization Temperature
761	DSC Melt Temperature

Analysis	Analysis Name
762	DSC Enthalpy of Crystallization
763	DSC Enthalpy of Fusion
764	DSC Glass Transition Temperature
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 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 80 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 #105, 1st Qtr 2018

Analysis 704 - Tensile Stress at Yield				
Material: ABS	Sample F49	6,794.38	psi	1.69% COV
	Sample F50	6,790.99	psi	1.64% COV
Analysis 705 - Tensile Stress at Break				
Material: ABS	Sample F49	5,069.08	psi	4.21% COV
	Sample F50	5,023.80	psi	4.18% COV
Analysis 706 - Percent Elongation at Yield				
Material: ABS	Sample F49	2.4632	Percent	3.14% COV
	Sample F50	2.4581	Percent	3.57% COV
Analysis 708 - Modulus of Elasticity				
Material: ABS	Sample F49	350.26	ksi	4.45% COV
	Sample F50	352.20	ksi	4.87% COV
Analysis 710 - Deflection Temp. Under Flexural Load (1.82 MPa)				
Material: ABS/PC	Sample E49	105.34	Degrees C	1.28% COV
	Sample E50	105.68	Degrees C	1.56% COV
Analysis 711 - Deflection Temp. Under Flexural Load (0.455 MPa)				
Material: PP	Sample G49	84.376	Degrees C	3.43% COV
	Sample G50	84.722	Degrees C	5.35% COV
Analysis 712 - Temperature of Deflection (1.80 MPa)				
Material: ABS/PC	Sample N49	104.98	Degrees C	1.35% COV
	Sample N50	105.12	Degrees C	1.37% COV
Analysis 715 - Vicat Temperature (Rate A)				
Material: ABS/PC	Sample H49	138.74	Degrees C	0.598% COV
	Sample H50	138.99	Degrees C	0.624% COV
Analysis 716 - Vicat Temperature (Rate B)				
Material: ABS/PC	Sample R49	140.39	Degrees C	0.583% COV
	Sample R50	140.48	Degrees C	0.644% COV
Analysis 718 - Specific Gravity				
Material: ABS	Sample T49	1.0457	sp gr 23/23 C	0.180% COV
	Sample T50	1.0458	sp gr 23/23 C	0.189% COV
Analysis 720 - Flexural Modulus				
Material: ABS	Sample J49	376.27	ksi	4.27% COV
	Sample J50	375.82	ksi	4.21% COV
Analysis 721 - Flexural Stress at 5% Strain				
Material: ABS	Sample J49	11,517.51	psi	2.90% COV
	Sample J50	11,570.26	psi	2.82% COV
Analysis 722 - Flexural Stress at Yield				
Material: ABS	Sample J49	11,564.09	psi	2.54% COV
	Sample J50	11,614.68	psi	2.57% COV
Analysis 730 - Tensile Stress at Yield, ISO Method				
Material: HIPS	Sample C49	24.271	MPa	3.16% COV
	Sample C50	24.250	MPa	3.12% COV
Analysis 731 - Tensile Stress at Break, ISO Method				
Material: HIPS	Sample C49	20.967	MPa	4.63% COV
	Sample C50	20.911	MPa	4.42% COV

Plastics Interlaboratory Testing Program

Results Summary for Report #105, 1st Qtr 2018

Analysis 732 - Strain at Yield, ISO Method				
Material: HIPS	Sample C49	1.2445	Percent	4.31% COV
	Sample C50	1.2408	Percent	4.19% COV
Analysis 734 - Modulus of Elasticity, ISO Method				
Material: HIPS	Sample C49	2,253.97	MPa	3.27% COV
	Sample C50	2,249.81	MPa	3.31% COV
Analysis 736 - Flexural Modulus				
Material: HIPS	Sample K49	2,224.97	MPa	3.06% COV
	Sample K50	2,236.81	MPa	4.83% COV
Analysis 737 - Flexural Stress at 3.5% Strain				
Material: HIPS	Sample K49	43.652	MPa	2.19% COV
	Sample K50	41.008	MPa	3.86% COV
Analysis 738 - Flexural Stress at Yield				
Material: HIPS	Sample K49	43.497	MPa	2.58% COV
	Sample K50	41.429	MPa	4.06% COV
Analysis 750 - Flow Rate (190C or 230C/2.16 kg)				
Material: HDPE	Sample X49	8.0982	grams/10 mins	4.11% COV
	Sample X50	8.0949	grams/10 mins	3.95% COV
Analysis 755 - Moisture Content				
Material: HIPS	Sample Y49	0.01886	Percent	81.4% COV
	Sample Y50	0.02125	Percent	73.8% COV
Analysis 757 - Ash Content				
Material: PP	Sample L49	19.759	Percent	0.264% COV
	Sample L50	19.770	Percent	0.234% COV
Analysis 760 - DSC Crystallization Temperature				
Material: PP	Sample W49	121.61	Degrees Celsius	3.58% COV
	Sample W50	121.08	Degrees Celsius	3.54% COV
Analysis 761 - DSC Melt Temperature				
Material: PP	Sample W49	165.15	Degrees Celsius	0.985% COV
	Sample W50	165.17	Degrees Celsius	1.06% COV
Analysis 762 - DSC Enthalpy of Crystallization				
Material: PP	Sample W49	104.43	Joules Per Gram	9.16% COV
	Sample W50	104.32	Joules Per Gram	8.09% COV
Analysis 763 - DSC Enthalpy of Fusion				
Material: PP	Sample W49	102.51	Joules Per Gram	16.7% COV
	Sample W50	101.76	Joules Per Gram	16.4% COV
Analysis 764 - DSC Glass Transition Temperature				
Material: PET	Sample V49	86.092	Degrees Celsius	2.70% COV
	Sample V50	86.592	Degrees Celsius	2.61% COV
Analysis 770 - Tensile Stress at Yield, Films				
Material: LDPE	Sample B49	1,878.42	psi	14.1% COV
	Sample B50	1,670.65	psi	7.35% COV
Analysis 771 - Tensile Stress at Break, Films				
Material: LDPE	Sample B49	3,718.43	psi	9.93% COV
	Sample B50	3,378.58	psi	8.29% COV

Plastics Interlaboratory Testing Program

Results Summary for Report #105, 1st Qtr 2018

Analysis 772 - Elongation at Yield, Films				
Material: LDPE	Sample B49	63.829	Percent	48.4% COV
	Sample B50	49.712	Percent	52.2% COV
Analysis 773 - Elongation at Break, Films				
Material: LDPE	Sample B49	850.94	Percent	21.0% COV
	Sample B50	820.22	Percent	18.2% COV
Analysis 774 - Thickness of Film Specimens				
Material: LDPE	Sample B49	3.6689	mils	3.78% COV
	Sample B50	3.8348	mils	4.83% COV
Analysis 775 - Secant Modulus at 1% Strain				
Material: LDPE	Sample B49	30,451.61	psi	39.9% COV
	Sample B50	28,984.51	psi	35.1% COV
Analysis 776 - Secant Modulus at 2% Strain				
Material: LDPE	Sample B49	24,297.12	psi	36.7% COV
	Sample B50	24,103.14	psi	27.3% COV
Analysis 780 - Static Friction				
Material: LDPE	Sample P49	0.15013	COF	32.4% COV
	Sample P50	0.14080	COF	33.8% COV
Analysis 781 - Kinetic Friction				
Material: LDPE	Sample P49	0.11666	COF	34.4% COV
	Sample P50	0.10874	COF	26.1% COV
Analysis 782 - Tear Resistance of Film				
Material: LDPE	Sample Q49	205.02	grams-force	24.6% COV
	Sample Q50	429.65	grams-force	30.0% COV
Analysis 785 - Percent Haze				
Material: LDPE	Sample D49	16.220	Percent	5.45% COV
	Sample D50	15.661	Percent	6.20% COV
Analysis 786 - Total Transmittance				
Material: LDPE	Sample D49	92.676	Percent	1.00% COV
	Sample D50	92.730	Percent	1.03% COV
Analysis 790 - Notched Izod Impact				
Material: HIPS	Sample S49	1.7587	ft.lbf/in	8.68% COV
	Sample S50	1.7408	ft.lbf/in	8.49% COV
Analysis 791 - Notched Izod Impact				
Material: ABS	Sample Z49	17.991	kJ/m^2	4.85% COV
	Sample Z50	18.013	kJ/m^2	5.64% COV
Analysis 792 - Notched Charpy Impact				
Material: ABS	Sample M49	19.017	kJ/m^2	3.86% COV
	Sample M50	18.825	kJ/m^2	3.35% COV

WebCode	Data Flag	Sample F49 Lab Mean	Sample F49 Diff from Grand Mean	Sample F49 CPV	Sample F50 Lab Mean	Sample F50 Diff from Grand Mean	Sample F50 CPV
2K8Z2N		6,798.1	3.8	0.03	6,799.6	8.6	0.08
3HB6U7		6,683.4	-111.0	-0.97	6,683.4	-107.6	-0.96
3NKZXF		6,596.2	-198.2	-1.73	6,579.8	-211.2	-1.89
4BUTEJ	*	6,665.0	-129.4	-1.13	6,520.4	-270.6	-2.43
4ZAJPQ		6,868.7	74.3	0.65	6,875.2	84.2	0.75
6F49LM		6,832.6	38.2	0.33	6,867.8	76.8	0.69
6YGW4E	X	7,211.3	417.0	3.63	6,799.4	8.4	0.08
7B4GRF		6,884.2	89.8	0.78	6,792.2	1.2	0.01
7NXPWC		6,640.0	-154.4	-1.34	6,746.0	-45.0	-0.40
7YCQAX		6,743.6	-50.8	-0.44	6,702.1	-88.9	-0.80
8KUBND		6,909.4	115.0	1.00	6,913.0	122.0	1.09
8XW26B		6,725.0	-69.4	-0.60	6,815.6	24.6	0.22
9XBMGY		6,956.7	162.3	1.41	6,959.6	168.6	1.51
ACMUKA		6,704.2	-90.2	-0.79	6,855.0	64.0	0.57
AJ47XA		6,666.2	-128.2	-1.12	6,675.6	-115.4	-1.03
BFZRRW		6,813.2	18.8	0.16	6,759.2	-31.8	-0.29
BT9F3E		6,871.4	77.0	0.67	6,867.2	76.2	0.68
DUC3EA		6,848.2	53.8	0.47	6,862.4	71.4	0.64
DVT4FQ		6,876.9	82.5	0.72	6,870.6	79.6	0.71
EJUU6M		6,715.3	-79.1	-0.69	6,775.6	-15.3	-0.14
F4WZA8		7,055.4	261.0	2.27	6,985.6	194.6	1.75
FPXZR6	X	6,010.4	-784.0	-6.83	5,981.4	-809.6	-7.26
FV2ZXZ		6,717.9	-76.5	-0.67	6,634.4	-156.6	-1.40
FX6Q3U		6,880.9	86.6	0.75	6,891.7	100.7	0.90
JB6NMW		6,923.4	129.0	1.12	6,905.8	114.8	1.03
JE33AL		6,880.9	86.6	0.75	6,889.6	98.7	0.88
JTHJMH	X	6,392.4	-402.0	-3.50	6,333.4	-457.6	-4.10
K36VHV		6,521.2	-273.2	-2.38	6,524.8	-266.2	-2.39
KBZN2M		6,752.6	-41.8	-0.36	6,777.6	-13.4	-0.12
KEF2VH	X	6,318.6	-475.8	-4.14	6,311.9	-479.1	-4.30
LBEBBN		6,821.4	27.0	0.24	6,758.0	-33.0	-0.30
LEDXFC		6,691.8	-102.6	-0.89	6,766.1	-24.9	-0.22
LGGQDH		6,805.0	10.6	0.09	6,795.0	4.0	0.04
LHD4ZA		6,972.5	178.2	1.55	6,964.4	173.4	1.56
M64QE3		6,821.6	27.2	0.24	6,837.2	46.2	0.41

WebCode	Data Flag	Sample F49 Lab Mean	Sample F49 Diff from Grand Mean	Sample F49 CPV	Sample F50 Lab Mean	Sample F50 Diff from Grand Mean	Sample F50 CPV
M7H36L		6,564.1	-230.3	-2.01	6,672.8	-118.2	-1.06
MLR4QA		6,738.2	-56.2	-0.49	6,701.7	-89.3	-0.80
N3R9XJ		6,825.0	30.6	0.27	6,736.4	-54.6	-0.49
NFEHH3	X	6,462.4	-332.0	-2.89	6,154.4	-636.6	-5.71
PR7QFW		6,950.9	156.5	1.36	6,959.7	168.7	1.51
QC6G4A	X	6,174.0	-620.4	-5.40	6,186.0	-605.0	-5.43
QNLUR7		6,755.0	-39.4	-0.34	6,766.4	-24.6	-0.22
TGCJA3		6,794.2	-0.2	0.00	6,802.4	11.4	0.10
TP9E8Z		6,870.4	76.0	0.66	6,890.4	99.4	0.89
UFFEEU		6,763.0	-31.4	-0.27	6,840.4	49.4	0.44
UJYH3Q		6,619.6	-174.8	-1.52	6,651.5	-139.5	-1.25
UL6U6L		6,670.6	-123.8	-1.08	6,799.8	8.8	0.08
UVVHZN		6,874.8	80.5	0.70	6,961.9	170.9	1.53
V3764P		6,676.6	-117.8	-1.03	6,676.5	-114.5	-1.03
V87A4N		6,798.6	4.2	0.04	6,814.2	23.2	0.21
V8YAWT		6,771.9	-22.5	-0.20	6,614.4	-176.6	-1.58
VDPJ7R		6,978.8	184.4	1.61	6,856.0	65.0	0.58
VJVFQR		6,766.0	-28.4	-0.25	6,744.0	-47.0	-0.42
Y2KRTA		6,714.7	-79.6	-0.69	6,669.1	-121.9	-1.09
YQ6YLM		6,779.0	-15.4	-0.13	6,775.5	-15.5	-0.14
YQMKHJ		6,922.4	128.0	1.12	6,925.2	134.2	1.20
Z4KBE9		6,941.1	146.7	1.28	6,787.9	-3.1	-0.03
ZQJKXA		6,890.2	95.8	0.83	6,834.8	43.8	0.39

Summary Statistics

	Sample F49	Sample F50
Grand Means	6,794.38 psi	6,790.99 psi
Stnd Dev Btwn Labs	114.79 psi	111.51 psi

Statistics based on 52 of 58 reporting participants

Sample F49: ABS & Sample F50: ABS

Comments on Assigned Data Flags for Test #704

FPXZR6 (X) - Data for both samples are low. Possible Systematic Error.

6YGW4E (X) - Inconsistent in testing between samples. Data for sample F49 are high.

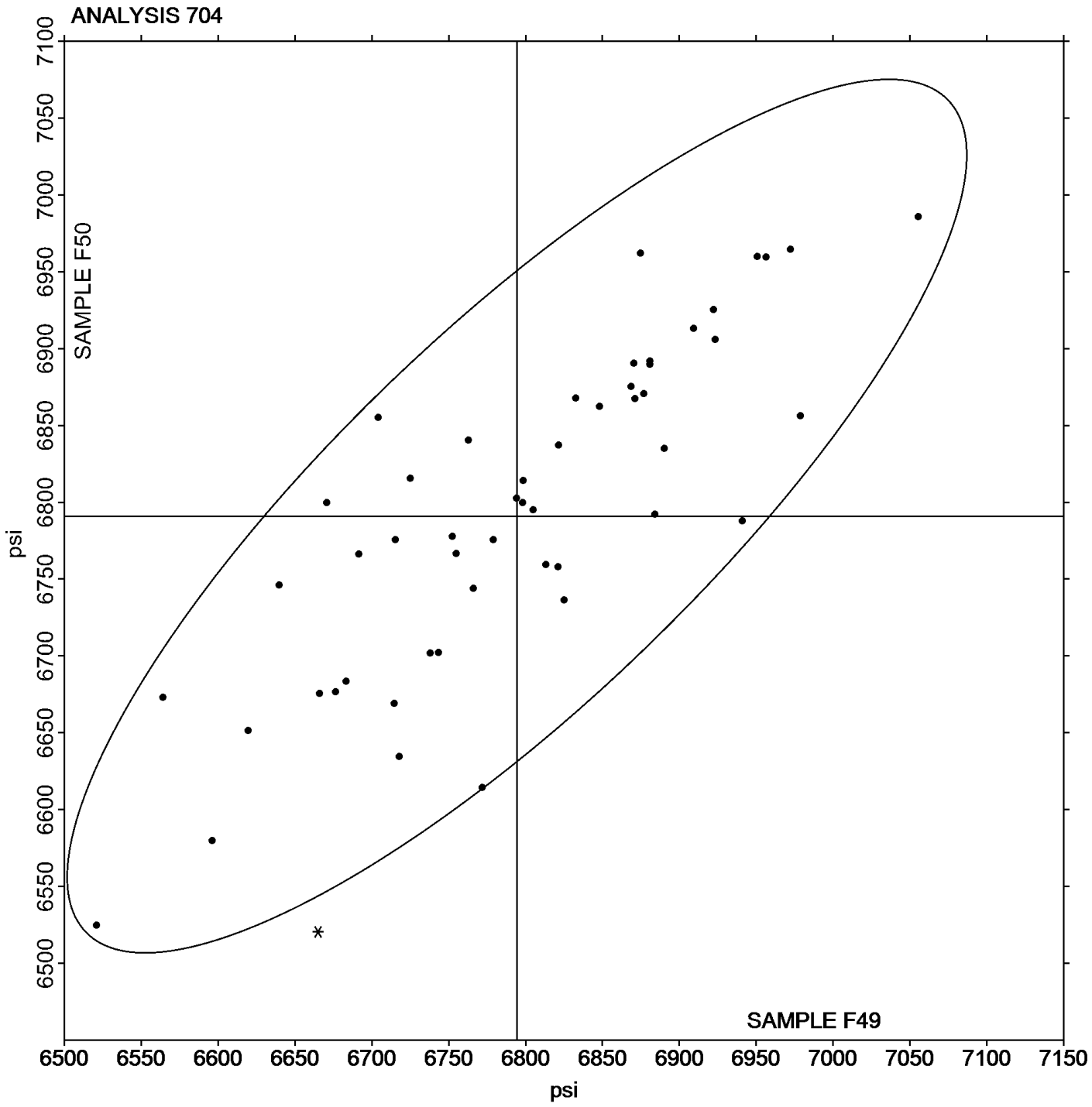
NFEHH3 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample F50.

KEF2VH (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

JTHJMH (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample F49.

QC6G4A (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample F49: 6,794.38 psi Grand Mean Sample F50: 6,790.99 psi



WebCode	Data Flag	Sample F49 Lab Mean	Sample F49 Diff from Grand Mean	Sample F49 CPV	Sample F50 Lab Mean	Sample F50 Diff from Grand Mean	Sample F50 CPV
2K8Z2N		5,111.8	42.7	0.20	4,984.2	-39.6	-0.19
3HB6U7		4,876.2	-192.9	-0.90	5,003.8	-20.0	-0.09
3NKZXF		4,861.8	-207.3	-0.97	4,695.0	-328.8	-1.56
4BUTEJ		4,818.0	-251.1	-1.18	4,684.8	-339.0	-1.61
4ZAJPQ		5,323.4	254.3	1.19	5,225.0	201.2	0.96
6F49LM		5,066.4	-2.7	-0.01	5,172.6	148.8	0.71
6YGW4E	X	6,030.7	961.6	4.50	5,125.7	101.9	0.48
7B4GRF		5,167.2	98.1	0.46	5,071.4	47.6	0.23
7NXPWC	*	4,536.0	-533.1	-2.50	4,780.0	-243.8	-1.16
7YCQAX	*	5,337.3	268.2	1.26	4,920.3	-103.5	-0.49
8KUBND		5,331.8	262.7	1.23	5,149.8	126.0	0.60
8XW26B		4,903.6	-165.5	-0.77	5,000.2	-23.6	-0.11
9XBMGY		5,030.5	-38.5	-0.18	5,030.2	6.4	0.03
ACMUKA	X	5,120.2	51.1	0.24	5,628.4	604.6	2.88
BFZRRW		5,367.4	298.3	1.40	5,129.6	105.8	0.50
BT9F3E	*	5,444.6	375.5	1.76	5,569.4	545.6	2.60
DVT4FQ	*	5,632.4	563.3	2.64	5,644.2	620.4	2.95
EJUU6M		4,817.3	-251.8	-1.18	4,752.1	-271.7	-1.29
F4WZA8		5,338.4	269.3	1.26	5,224.4	200.6	0.95
FV2ZXZ		4,933.9	-135.1	-0.63	4,775.3	-248.5	-1.18
FX6Q3U		5,067.4	-1.7	-0.01	5,003.0	-20.8	-0.10
JB6NMW		5,280.2	211.1	0.99	5,412.8	389.0	1.85
JE33AL		4,997.8	-71.3	-0.33	4,929.3	-94.5	-0.45
JTHJMH		4,867.6	-201.5	-0.94	4,874.4	-149.4	-0.71
K36VHV		4,674.6	-394.5	-1.85	4,764.8	-259.0	-1.23
KEF2VH		5,154.6	85.5	0.40	5,129.6	105.8	0.50
LBEBBN		4,978.2	-90.9	-0.43	4,997.0	-26.8	-0.13
LGGQDH		4,793.3	-275.8	-1.29	4,868.4	-155.4	-0.74
LHD4ZA		4,928.3	-140.7	-0.66	4,924.9	-98.9	-0.47
M64QE3		5,000.8	-68.3	-0.32	5,049.2	25.4	0.12
M7H36L		4,956.0	-113.1	-0.53	5,006.0	-17.8	-0.08
MLR4QA		5,083.2	14.1	0.07	5,053.5	29.7	0.14
N3R9XJ		4,945.8	-123.3	-0.58	4,963.2	-60.6	-0.29
NFEHH3		5,114.2	45.1	0.21	4,866.8	-157.0	-0.75
PR7QFW		5,423.9	354.8	1.66	5,153.3	129.5	0.62

WebCode	Data Flag	Sample F49 Lab Mean	Sample F49 Diff from Grand Mean	Sample F49 CPV	Sample F50 Lab Mean	Sample F50 Diff from Grand Mean	Sample F50 CPV
QC6G4A	X	6,172.4	1,103.3	5.16	6,185.6	1,161.8	5.53
QRYYYZ		4,973.6	-95.4	-0.45	4,864.8	-159.0	-0.76
TGCJA3		5,012.6	-56.5	-0.26	5,012.8	-11.0	-0.05
TP9E8Z		4,983.8	-85.3	-0.40	4,972.4	-51.4	-0.24
UFFEEU		5,018.2	-50.9	-0.24	4,951.2	-72.6	-0.35
UJYH3Q		4,884.9	-184.2	-0.86	4,676.1	-347.7	-1.65
UVVHZN	*	5,192.4	123.3	0.58	5,482.5	458.7	2.18
V3764P		4,922.6	-146.5	-0.69	4,985.3	-38.5	-0.18
V87A4N		5,148.0	78.9	0.37	4,968.7	-55.1	-0.26
V8YAWT		5,314.2	245.1	1.15	5,081.0	57.2	0.27
VDPJ7R		5,168.8	99.7	0.47	5,011.8	-12.0	-0.06
VJVFQR		5,252.0	182.9	0.86	4,954.0	-69.8	-0.33
Y2KRTA		4,944.1	-125.0	-0.59	4,836.6	-187.2	-0.89
YQ6YLM		5,029.4	-39.7	-0.19	4,993.5	-30.3	-0.14
YQMKHJ		5,290.2	221.1	1.04	5,320.4	296.6	1.41
Z4KBE9		4,925.6	-143.5	-0.67	5,051.7	27.9	0.13
ZQJKXA		5,160.6	91.5	0.43	5,195.2	171.4	0.82

Summary Statistics

	Sample F49	Sample F50
Grand Means	5,069.08 psi	5,023.80 psi
Stnd Dev Btwn Labs	213.62 psi	210.18 psi

Statistics based on 49 of 52 reporting participants

Sample F49: ABS & Sample F50: ABS

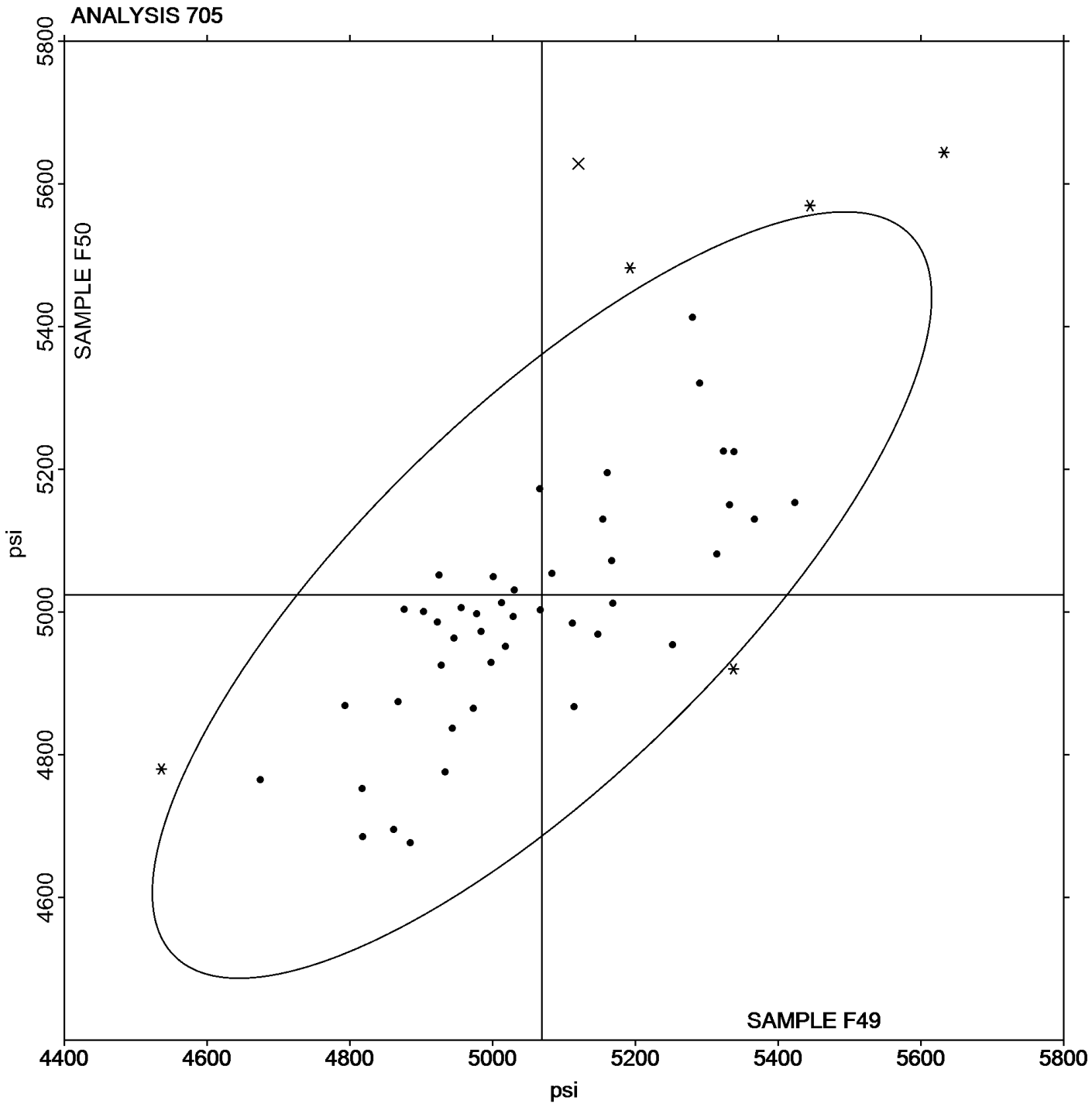
Comments on Assigned Data Flags for Test #705

6YGW4E (X) - Inconsistent in testing between samples. Data for sample F49 are high.

ACMUKA (X) - Inconsistent in testing between samples. Data for sample F50 are high. Inconsistent within the determinations of sample F50.

QC6G4A (X) - Data for both samples are high. Possible Systematic Error.

Grand Mean Sample F49: 5,069.08 psi Grand Mean Sample F50: 5,023.80 psi



WebCode	Data Flag	Sample F49 Lab Mean	Sample F49 Diff from Grand Mean	Sample F49 CPV	Sample F50 Lab Mean	Sample F50 Diff from Grand Mean	Sample F50 CPV
2K8Z2N		2.367	-0.096	-1.24	2.294	-0.164	-1.86
3HB6U7		2.480	0.017	0.22	2.500	0.042	0.48
3NKZXF	X	2.988	0.525	6.78	3.096	0.638	7.26
4BUTEJ		2.422	-0.041	-0.53	2.392	-0.066	-0.75
4ZAJPQ		2.476	0.013	0.17	2.504	0.046	0.52
6F49LM		2.490	0.027	0.35	2.504	0.046	0.52
6YGW4E	X	4.828	2.365	30.56	4.792	2.334	26.58
7B4GRF		2.510	0.047	0.60	2.464	0.006	0.07
7NXPWC		2.508	0.045	0.58	2.558	0.100	1.14
7YCQAX		2.523	0.060	0.77	2.490	0.032	0.36
8KUBND		2.548	0.085	1.10	2.532	0.074	0.84
8XW26B		2.528	0.065	0.84	2.534	0.076	0.86
9XBMGY		2.644	0.181	2.34	2.632	0.174	1.98
ACMUKA	X	1.220	-1.243	-16.06	1.314	-1.144	-13.03
BFZRRW		2.432	-0.031	-0.40	2.418	-0.040	-0.46
BT9F3E		2.506	0.043	0.55	2.508	0.050	0.57
DUC3EA		2.540	0.077	0.99	2.560	0.102	1.16
DVT4FQ		2.440	-0.023	-0.30	2.354	-0.104	-1.19
EJUU6M		2.494	0.031	0.40	2.518	0.060	0.68
F4WZA8		2.520	0.057	0.73	2.500	0.042	0.48
FV2ZXZ		2.342	-0.121	-1.57	2.294	-0.164	-1.87
FX6Q3U		2.498	0.035	0.45	2.488	0.030	0.34
JB6NMW		2.442	-0.021	-0.27	2.432	-0.026	-0.30
JE33AL		2.546	0.083	1.07	2.548	0.090	1.02
JTHJMH	X	2.030	-0.433	-5.60	2.076	-0.382	-4.35
K36VHV		2.492	0.029	0.37	2.500	0.042	0.48
KBZN2M		2.456	-0.007	-0.09	2.464	0.006	0.07
KEF2VH		2.400	-0.063	-0.82	2.440	-0.018	-0.21
LBEBBN	X	2.316	-0.147	-1.90	2.180	-0.278	-3.17
LGGQDH		2.320	-0.143	-1.85	2.278	-0.181	-2.06
LHD4ZA	*	2.223	-0.240	-3.10	2.221	-0.237	-2.70
M64QE3		2.536	0.073	0.94	2.508	0.050	0.57
M7H36L		2.340	-0.123	-1.59	2.400	-0.058	-0.66
MLR4QA		2.544	0.081	1.04	2.562	0.104	1.18
N3R9XJ	X	2.858	0.395	5.10	2.788	0.330	3.76

WebCode	Data Flag	Sample F49 Lab Mean	Sample F49 Diff from Grand Mean	Sample F49 CPV	Sample F50 Lab Mean	Sample F50 Diff from Grand Mean	Sample F50 CPV
NFEHH3	*	2.374	-0.089	-1.15	2.266	-0.192	-2.19
QC6G4A	X	1.972	-0.491	-6.35	2.112	-0.346	-3.94
TGCJA3		2.470	0.007	0.09	2.436	-0.022	-0.25
TP9E8Z		2.462	-0.001	-0.02	2.500	0.042	0.48
UFFEEU		2.482	0.019	0.24	2.470	0.012	0.14
UJYH3Q		2.410	-0.053	-0.69	2.436	-0.022	-0.25
UL6U6L		2.486	0.023	0.29	2.506	0.048	0.55
UVVHZN		2.466	0.003	0.04	2.476	0.018	0.20
V3764P		2.450	-0.013	-0.17	2.460	0.002	0.02
V8YAWT		2.494	0.031	0.40	2.488	0.030	0.34
VDPJ7R	X	6.642	4.179	54.00	6.544	4.086	46.53
VJVFQR		2.416	-0.047	-0.61	2.434	-0.024	-0.27
Y2KRTA	X	3.000	0.537	6.94	3.000	0.542	6.17
YQ6YLM		2.518	0.055	0.71	2.510	0.052	0.59
YQMKHJ		2.344	-0.119	-1.54	2.388	-0.070	-0.80
ZQJKXA		2.516	0.053	0.68	2.474	0.016	0.18

Summary Statistics

	Sample F49	Sample F50
Grand Means	2.4632 Percent	2.4581 Percent
Stnd Dev Btwn Labs	0.0774 Percent	0.0878 Percent

Statistics based on 42 of 51 reporting participants

Sample F49: ABS & Sample F50: ABS

Comments on Assigned Data Flags for Test #706

6YGW4E (X) - Extreme data.

LBEBBN (X) - Inconsistent in testing between samples. Data for sample F50 are low. Inconsistent within the determinations of both samples.

ACMUKA (X) - Extreme data.

3NKZXF (X) - Data for both samples are high. Possible Systematic Error.

VDPJ7R (X) - Extreme data.

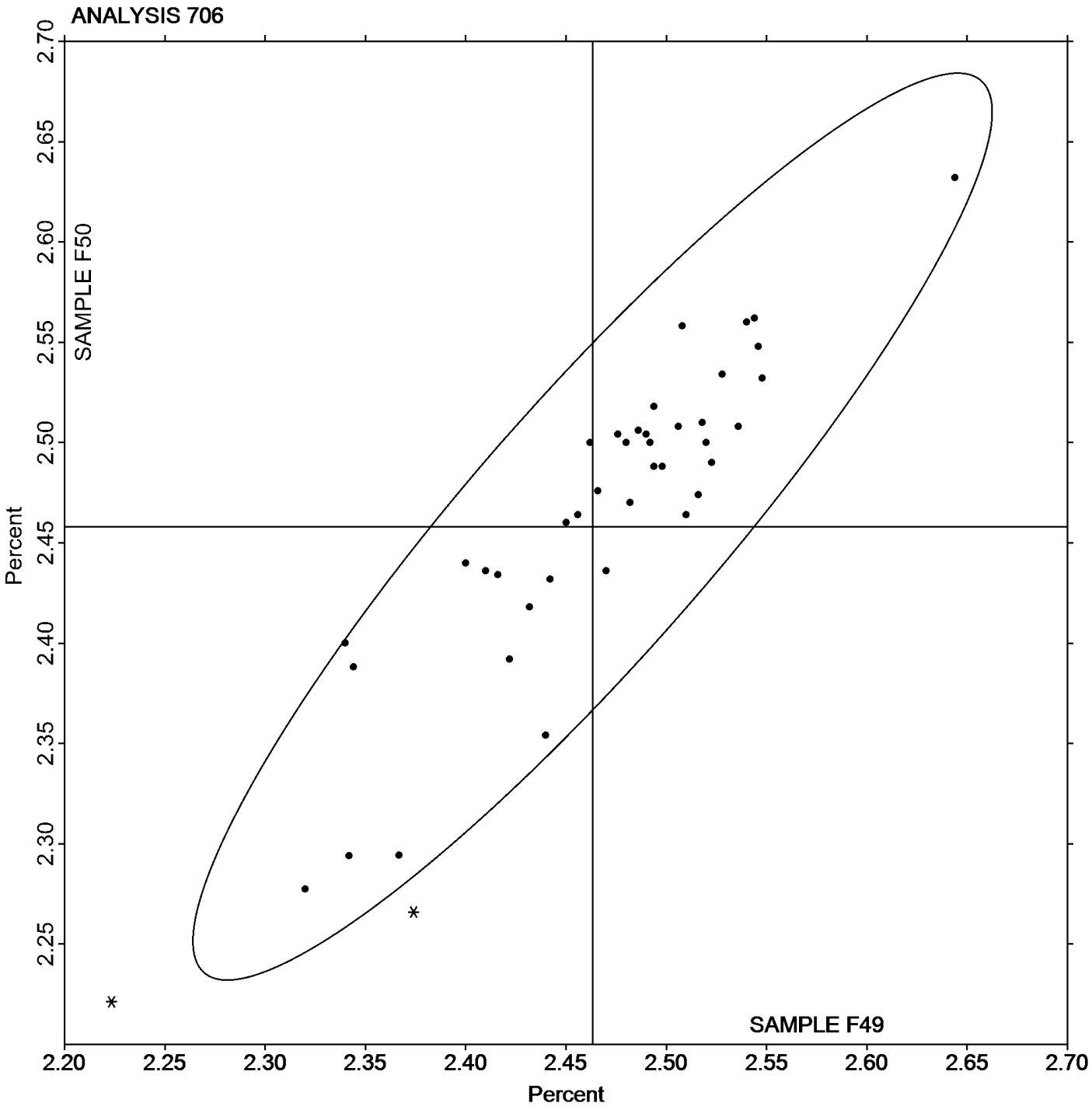
Y2KRTA (X) - Data for both samples are high. Possible Systematic Error.

N3R9XJ (X) - Data for both samples are high. Possible Systematic Error.

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

QC6G4A (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample F49.

Grand Mean Sample F49: 2.4632 Percent Grand Mean Sample F50: 2.4581 Percent



WebCode	Data Flag	Sample F49 Lab Mean	Sample F49 Diff from Grand Mean	Sample F49 CPV	Sample F50 Lab Mean	Sample F50 Diff from Grand Mean	Sample F50 CPV
2K8Z2N		341.59	-8.67	-0.56	356.86	4.66	0.27
3HB6U7		340.96	-9.30	-0.60	342.12	-10.08	-0.59
3NKZXF	X	264.34	-85.92	-5.52	261.06	-91.14	-5.31
4BUTEJ	*	388.22	37.96	2.44	373.08	20.88	1.22
4ZAJPQ		358.30	8.04	0.52	364.56	12.36	0.72
6F49LM		358.14	7.88	0.51	356.86	4.66	0.27
6YGW4E	*	341.71	-8.54	-0.55	369.27	17.07	1.00
7B4GRF		358.60	8.34	0.54	360.38	8.18	0.48
7NXPWC		335.20	-15.06	-0.97	337.20	-15.00	-0.87
7YCQAX		327.60	-22.65	-1.45	336.90	-15.29	-0.89
8XW26B		348.40	-1.86	-0.12	349.20	-3.00	-0.17
9XBMGY		342.00	-8.25	-0.53	341.65	-10.54	-0.61
ACMUKA	X	368.72	18.46	1.19	328.12	-24.08	-1.40
AJ47XA		354.41	4.16	0.27	356.76	4.56	0.27
BFZRRW	*	363.32	13.06	0.84	335.36	-16.84	-0.98
BT9F3E		359.74	9.48	0.61	357.20	5.00	0.29
DUC3EA		323.66	-26.60	-1.71	326.88	-25.32	-1.48
DVT4FQ		368.16	17.90	1.15	379.46	27.26	1.59
EJUU6M		338.61	-11.65	-0.75	344.58	-7.61	-0.44
F4WZA8		343.50	-6.76	-0.43	342.16	-10.04	-0.58
FV2ZXZ		377.28	27.02	1.73	389.23	37.03	2.16
FX6Q3U		342.84	-7.41	-0.48	355.40	3.21	0.19
JB6NMW		374.40	24.14	1.55	378.60	26.40	1.54
JE33AL		333.62	-16.64	-1.07	327.21	-24.99	-1.46
JTHJMH		370.22	19.96	1.28	349.16	-3.04	-0.18
K36VHV		339.24	-11.02	-0.71	342.16	-10.04	-0.58
KBZN2M		361.74	11.48	0.74	359.98	7.78	0.45
KEF2VH		333.47	-16.79	-1.08	333.54	-18.66	-1.09
LBEBBN	*	387.46	37.20	2.39	404.26	52.06	3.03
LGGQDH		353.00	2.74	0.18	335.25	-16.95	-0.99
LHD4ZA		367.82	17.57	1.13	370.55	18.36	1.07
M64QE3		344.24	-6.02	-0.39	347.96	-4.24	-0.25
M7H36L		343.12	-7.14	-0.46	367.18	14.98	0.87
MLR4QA		320.95	-29.31	-1.88	318.96	-33.24	-1.94
N3R9XJ		343.60	-6.66	-0.43	349.00	-3.20	-0.19

WebCode	Data Flag	Sample F49 Lab Mean	Sample F49 Diff from Grand Mean	Sample F49 CPV	Sample F50 Lab Mean	Sample F50 Diff from Grand Mean	Sample F50 CPV
NFEHH3		356.86	6.60	0.42	355.08	2.88	0.17
QC6G4A	X	304.80	-45.46	-2.92	336.40	-15.80	-0.92
TGCJA3		342.68	-7.58	-0.49	349.12	-3.08	-0.18
TP9E8Z		362.35	12.09	0.78	363.58	11.39	0.66
UFFEEU		341.50	-8.76	-0.56	351.30	-0.90	-0.05
UJYH3Q		337.13	-13.13	-0.84	337.45	-14.75	-0.86
UL6U6L		339.66	-10.60	-0.68	339.38	-12.82	-0.75
UVVHZN		362.25	11.99	0.77	366.51	14.32	0.83
V3764P		343.54	-6.72	-0.43	345.04	-7.16	-0.42
V8YAWT		334.40	-15.85	-1.02	328.17	-24.03	-1.40
VJVFQR		362.20	11.94	0.77	358.60	6.40	0.37
Y2KRTA	X	434.98	84.73	5.44	430.30	78.11	4.55
YQ6YLM		358.40	8.14	0.52	363.40	11.20	0.65
YQMKHJ		350.22	-0.04	0.00	347.75	-4.45	-0.26
ZQJKXA		335.44	-14.82	-0.95	336.72	-15.48	-0.90

Summary Statistics

	Sample F49	Sample F50
Grand Means	350.255 ksi	352.196 ksi
Stnd Dev Btwn Labs	15.576 ksi	17.157 ksi

Statistics based on 46 of 50 reporting participants

Sample F49: ABS & Sample F50: ABS

Comments on Assigned Data Flags for Test #708

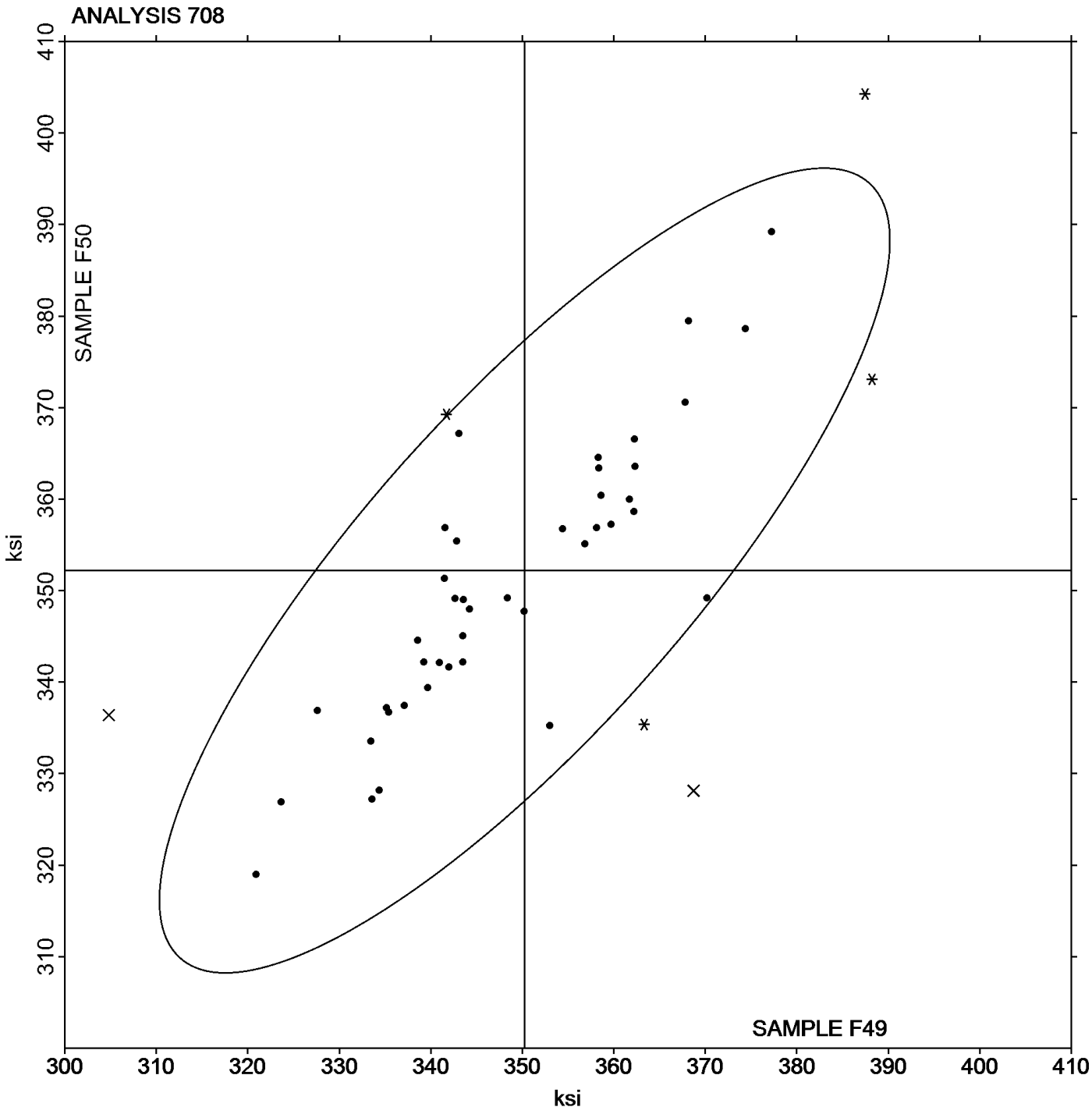
ACMUKA (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F49.

3NKZXF (X) - Data for both samples are low. Possible Systematic Error.

Y2KRTA (X) - Data for both samples are high. Possible Systematic Error.

QC6G4A (X) - Inconsistent in testing between samples. Data for sample F49 are low. Inconsistent within the determinations of sample F49.

Grand Mean Sample F49: 350.26 ksi Grand Mean Sample F50: 352.20 ksi



WebCode	Data Flag	Sample E49 Lab Mean	Sample E49 Diff from Grand Mean	Sample E49 CPV	Sample E50 Lab Mean	Sample E50 Diff from Grand Mean	Sample E50 CPV	Instr Code
3HB6U7		105.18	-0.17	-0.13	104.48	-1.20	-0.73	CE
6F49LM		106.70	1.36	1.01	107.25	1.57	0.95	DN
7B4GRF	*	107.85	2.51	1.86	106.13	0.45	0.27	IN
8KUBND		103.13	-2.22	-1.65	103.65	-2.03	-1.23	AT
8XW26B		103.30	-2.04	-1.52	104.00	-1.68	-1.01	CE
9XBMGY		105.65	0.31	0.23	107.20	1.52	0.92	ZW
BT9F3E		106.35	1.01	0.75	105.70	0.02	0.01	DN
ETZMK9		104.88	-0.47	-0.35	105.08	-0.60	-0.36	CE
F4WZA8		104.78	-0.57	-0.42	103.90	-1.78	-1.07	CE
FX6Q3U		106.48	1.13	0.84	107.25	1.57	0.95	AT
JE33AL		107.18	1.83	1.36	107.90	2.22	1.35	AT
KBZN2M		102.93	-2.42	-1.80	102.95	-2.73	-1.65	TO
KEF2VH		105.90	0.56	0.41	107.43	1.75	1.06	CE
LBEBBN		105.20	-0.14	-0.11	105.43	-0.25	-0.15	XX
M64QE3		104.30	-1.04	-0.78	104.45	-1.23	-0.74	CF
M7H36L		105.18	-0.17	-0.13	105.68	0.00	0.00	CE
N3R9XJ	*	106.81	1.46	1.09	110.00	4.32	2.62	XX
QC6G4A	X	93.04	-12.31	-9.15	93.22	-12.46	-7.54	XX
RQLNLT		107.40	2.06	1.53	106.93	1.25	0.76	XX
UFFEEU		104.83	-0.52	-0.39	105.23	-0.45	-0.27	TO
UJYH3Q		105.05	-0.29	-0.22	104.90	-0.78	-0.47	TY
UVVHZN		103.98	-1.37	-1.02	104.08	-1.60	-0.97	RO
YQ6YLM		105.20	-0.14	-0.11	105.35	-0.33	-0.20	AT
Z4KBE9		104.71	-0.63	-0.47	105.61	-0.07	-0.04	TO

Summary Statistics

	Sample E49	Sample E50
Grand Means	105.344 Degrees C	105.675 Degrees C
Stnd Dev Btwn Labs	1.346 Degrees C	1.653 Degrees C

Statistics based on 23 of 24 reporting participants

Sample E49: ABS/PC & Sample E50: ABS/PC

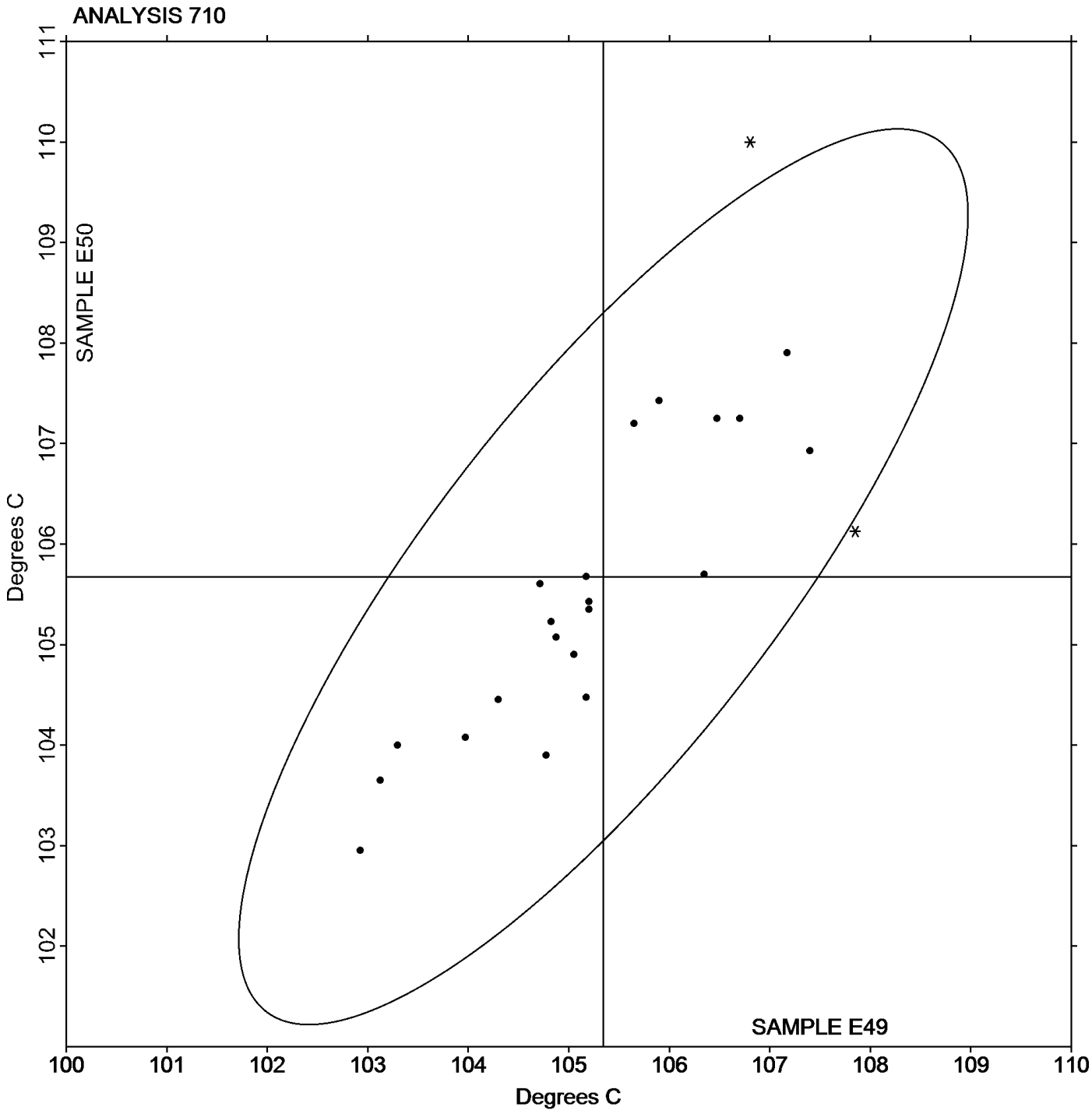
Comments on Assigned Data Flags for Test #710

QC6G4A (X) - Data for both samples are low.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample E49: 105.34 Degrees C Grand Mean Sample E50: 105.68 Degrees C



WebCode	Data Flag	Sample G49 Lab Mean	Sample G49 Diff from Grand Mean	Sample G49 CPV	Sample G50 Lab Mean	Sample G50 Diff from Grand Mean	Sample G50 CPV	Instr Code
8KUBND		81.2	-3.2	-1.12	81.8	-3.0	-0.66	AT
ETZMK9		87.2	2.8	0.96	84.2	-0.5	-0.11	CE
F4WZA8		87.5	3.1	1.08	88.2	3.5	0.77	CE
KBZN2M		84.2	-0.2	-0.08	84.5	-0.2	-0.04	TO
KEF2VH		86.7	2.3	0.80	88.0	3.2	0.71	CE
N3R9XJ		88.1	3.7	1.27	94.6	9.9	2.17	XX
NHLXRU		86.9	2.5	0.86	89.1	4.3	0.95	CE
PR7QFW		82.7	-1.7	-0.58	82.5	-2.2	-0.48	XX
QC8YAL		79.8	-4.6	-1.60	77.8	-7.0	-1.54	CS
VZ2KD4		83.7	-0.7	-0.23	82.4	-2.3	-0.51	IN
WZJ4JM		84.2	-0.2	-0.06	83.2	-1.6	-0.35	CE
Z4KBE9		80.6	-3.8	-1.31	80.5	-4.2	-0.92	TO

Summary Statistics

	Sample G49	Sample G50
Grand Means	84.38 Degrees C	84.72 Degrees C
Stnd Dev Btwn Labs	2.89 Degrees C	4.54 Degrees C

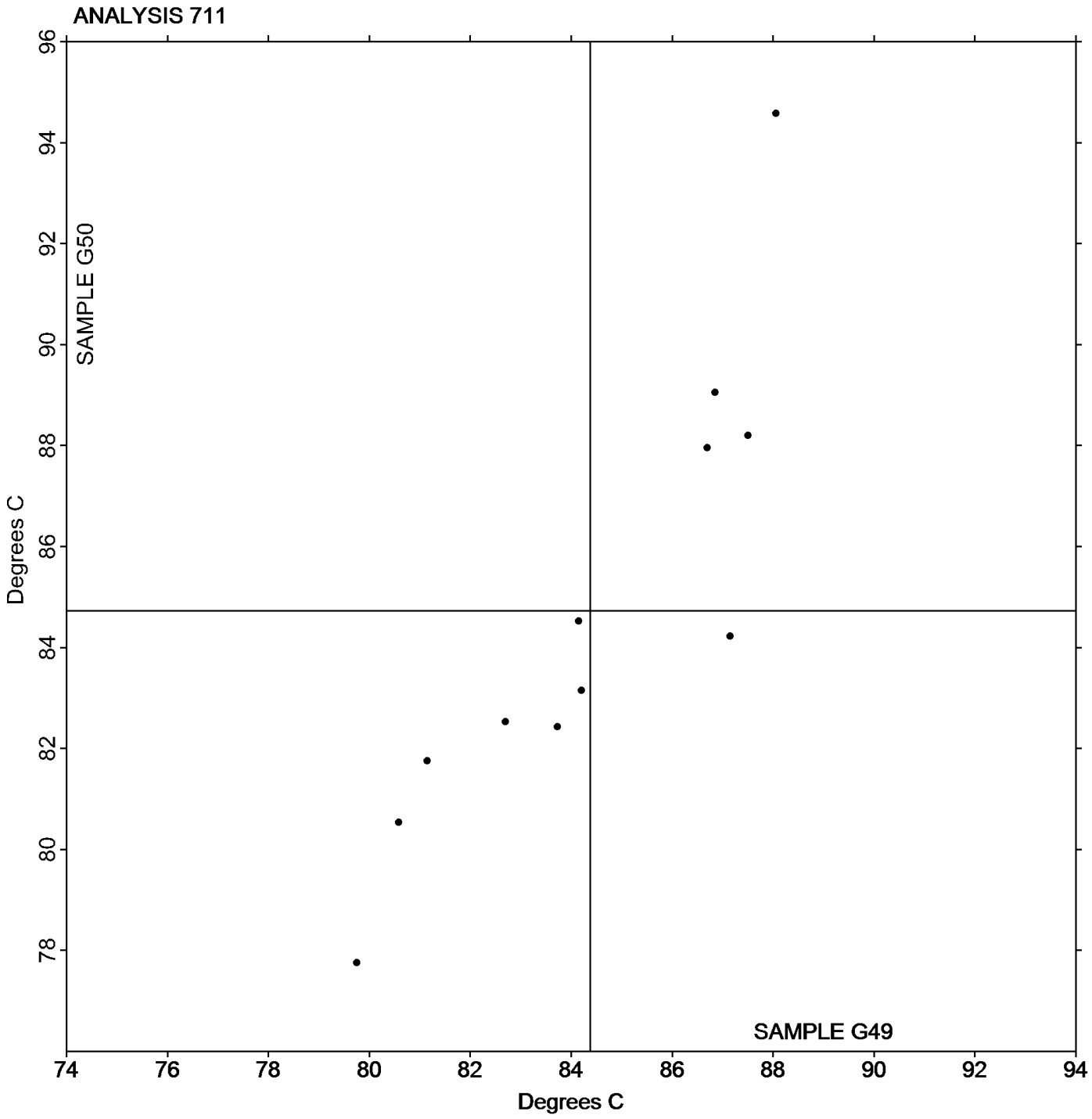
Statistics based on 12 of 12 reporting participants

Sample G49: PP & Sample G50: PP

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample G49: 84.376 Degrees C Grand Mean Sample G50: 84.722 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 N49 Lab Mean	Sample N49 Diff from Grand Mean	Sample N49 CPV	Sample N50 Lab Mean	Sample N50 Diff from Grand Mean	Sample N50 CPV	Instr Code
2DQHRM		105.80	0.82	0.58	105.85	0.73	0.51	CE
44BP7G		104.05	-0.93	-0.65	104.13	-1.00	-0.69	CF
6YE9F9		104.58	-0.40	-0.28	104.53	-0.60	-0.41	CE
9XBMGY		104.78	-0.20	-0.14	105.65	0.53	0.37	ZW
BKX8MY	*	107.70	2.72	1.92	108.88	3.75	2.61	TO
EJUU6M		106.45	1.47	1.04	106.83	1.70	1.18	CE
ETZMK9		103.85	-1.13	-0.79	104.35	-0.77	-0.54	CE
FPXZR6		105.83	0.85	0.60	106.23	1.10	0.77	XX
G29RU6		103.40	-1.58	-1.11	102.93	-2.20	-1.53	CE
HU3MAY		105.85	0.87	0.61	105.88	0.75	0.52	IN
JB6NMW	*	107.80	2.82	1.99	106.28	1.15	0.80	DN
JE33AL		104.60	-0.38	-0.26	104.68	-0.45	-0.31	AT
JNTQ6N		104.20	-0.78	-0.55	104.70	-0.42	-0.29	TO
KEF2VH		104.33	-0.65	-0.46	104.75	-0.37	-0.26	CE
KUBPM9		103.48	-1.50	-1.06	103.53	-1.60	-1.11	CE
LBEBBN		105.00	0.02	0.02	104.55	-0.57	-0.40	IN
LEDXFC		102.85	-2.13	-1.49	102.53	-2.60	-1.80	XX
MKF8L6		104.30	-0.68	-0.48	104.13	-1.00	-0.69	CE
MX2RPY		102.18	-2.80	-1.97	102.83	-2.30	-1.59	CE
NHLXRU		104.03	-0.94	-0.66	104.90	-0.22	-0.15	CF
QWX7QN		106.85	1.87	1.32	107.10	1.98	1.38	AT
RYHNYZ		104.65	-0.33	-0.23	105.25	0.13	0.09	AT
UJYH3Q		106.33	1.35	0.95	105.78	0.65	0.45	TY
UUEAQZ		105.48	0.50	0.35	105.90	0.78	0.54	TY
Z4KBE9		106.06	1.08	0.76	105.91	0.79	0.55	TO
ZKRK9G	X	111.00	6.02	4.24	112.60	7.48	5.20	DN

Summary Statistics

	Sample N49	Sample N50
Grand Means	104.976 Degrees C	105.121 Degrees C
Stnd Dev Btwn Labs	1.422 Degrees C	1.439 Degrees C

Statistics based on 25 of 26 reporting participants

Sample N49: ABS/PC & Sample N50: ABS/PC

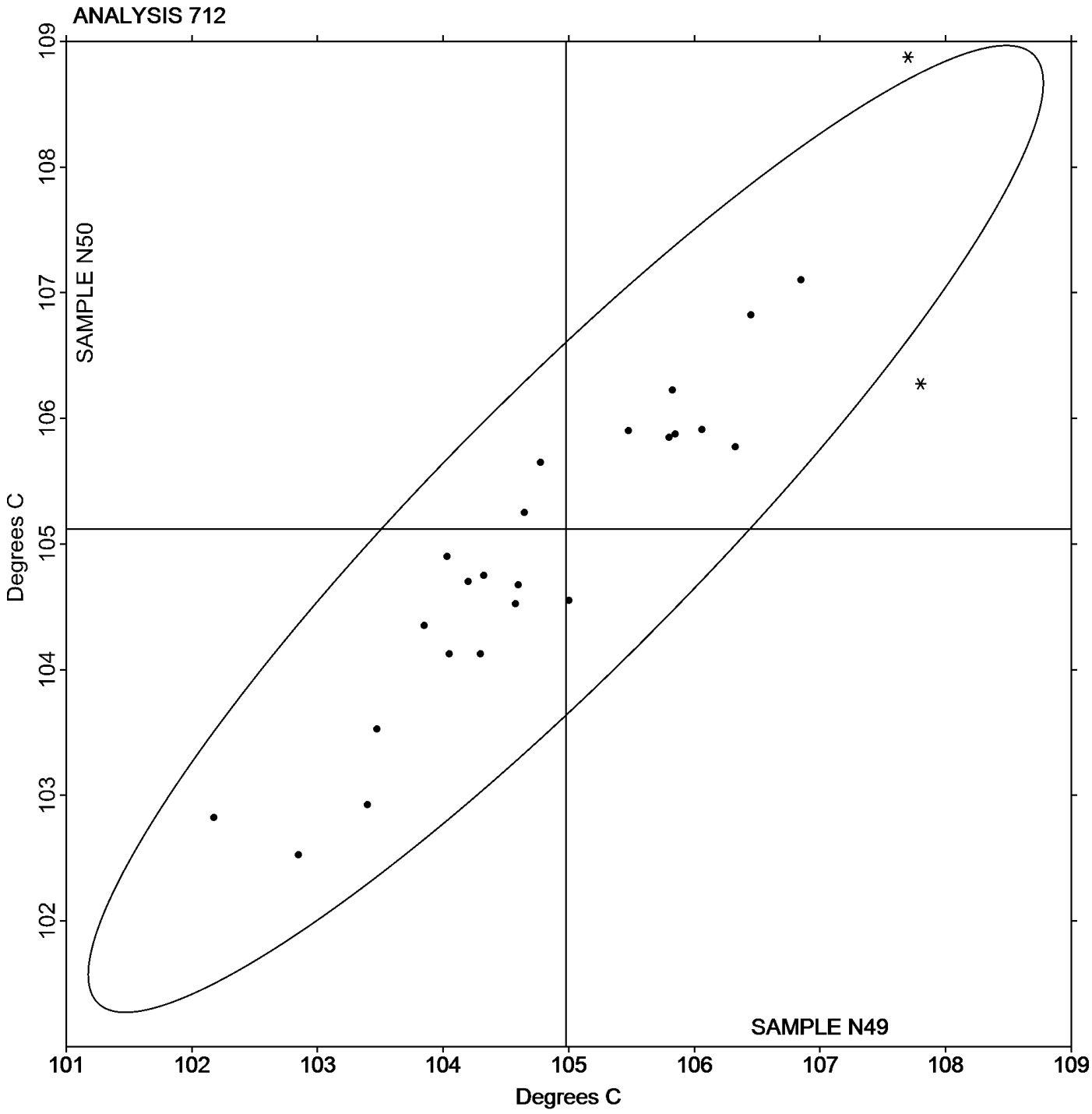
Comments on Assigned Data Flags for Test #712

ZKRK9G (X) - Data for both samples are high. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample N49: 104.98 Degrees C Grand Mean Sample N50: 105.12 Degrees C



WebCode	Data Flag	Sample H49 Lab Mean	Sample H49 Diff from Grand Mean	Sample H49 CPV	Sample H50 Lab Mean	Sample H50 Diff from Grand Mean	Sample H50 CPV	Instr Code
2K8Z2N		138.72	-0.02	-0.03	138.15	-0.84	-0.97	DN
3HB6U7		138.37	-0.37	-0.45	138.92	-0.08	-0.09	CE
6AVVPA		139.33	0.59	0.71	139.95	0.96	1.10	CE
8XW26B		137.78	-0.97	-1.16	138.62	-0.38	-0.43	CE
9XBMGY		140.10	1.36	1.64	140.80	1.81	2.08	CF
BT9F3E		137.03	-1.71	-2.06	137.08	-1.91	-2.20	QA
D6F8HJ		137.38	-1.36	-1.64	137.32	-1.68	-1.93	XX
EJUU6M		139.83	1.09	1.32	139.50	0.51	0.58	CE
ETZMK9		139.03	0.29	0.35	139.43	0.44	0.51	CE
F4WZA8		139.23	0.49	0.59	139.72	0.72	0.83	TO
GPQJM3		139.00	0.26	0.31	139.17	0.17	0.20	CE
JE33AL		138.92	0.18	0.21	139.45	0.46	0.53	AT
MKF8L6		140.37	1.63	1.96	140.08	1.09	1.26	CF
NHLXRU		138.43	-0.31	-0.37	138.93	-0.06	-0.07	CF
PAQEPQ		138.53	-0.21	-0.25	138.73	-0.26	-0.30	CE
UJYH3Q		138.82	0.08	0.09	138.87	-0.13	-0.15	TY
UVVHZN		138.38	-0.36	-0.43	138.78	-0.21	-0.24	RO
VZ2KD4		138.98	0.24	0.29	138.98	-0.01	-0.01	IN
WZJ4JM		138.10	-0.64	-0.77	138.47	-0.53	-0.61	CE
X3X6VK		138.48	-0.26	-0.31	138.92	-0.08	-0.09	CE

Summary Statistics

	Sample H49	Sample H50
Grand Means	138.741 Degrees C	138.993 Degrees C
Stnd Dev Btwn Labs	0.830 Degrees C	0.868 Degrees C

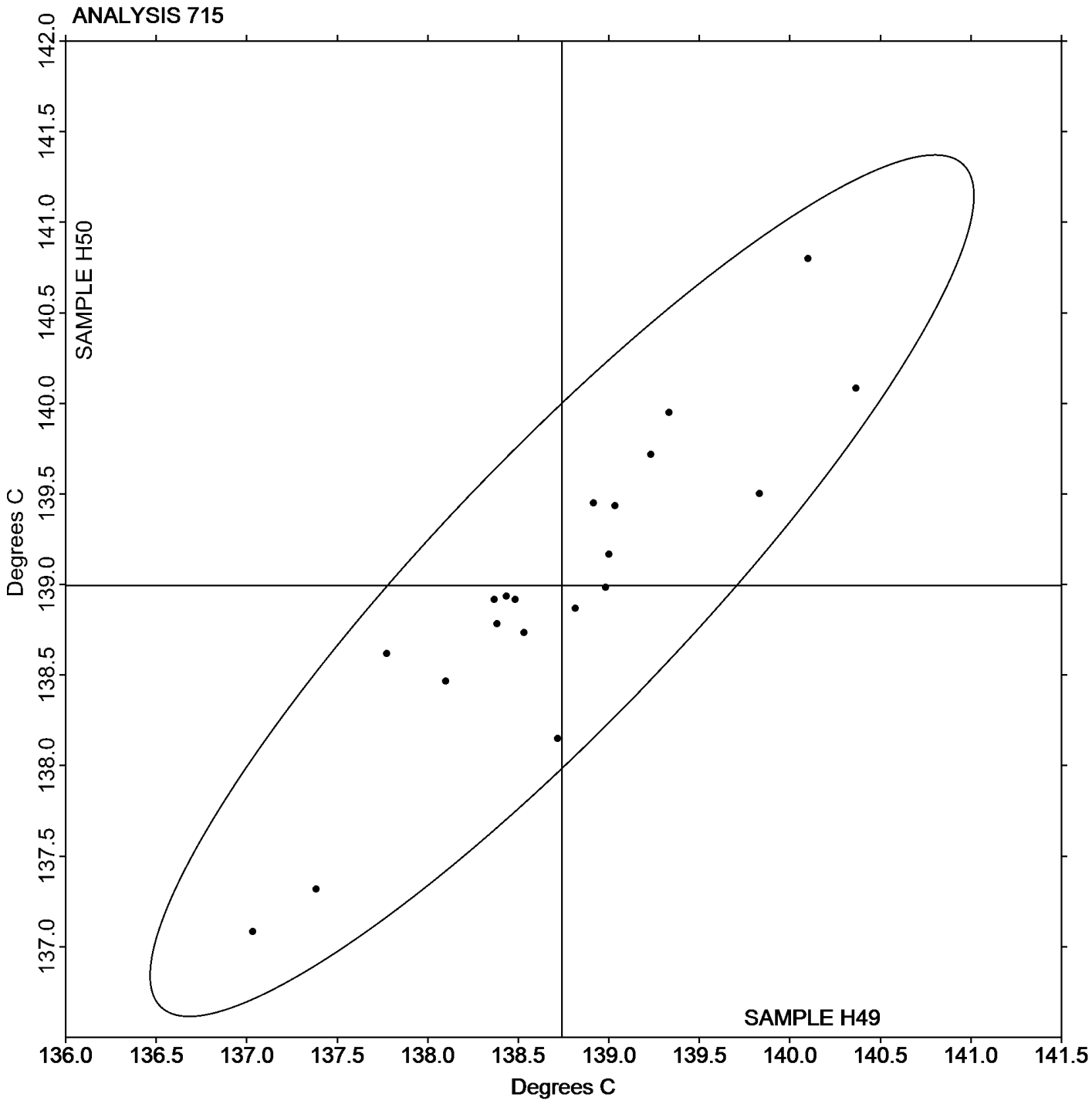
Statistics based on 20 of 20 reporting participants

Sample H49: ABS/PC & Sample H50: ABS/PC

Key to Instrument Codes Reported by Participants

AT	Atlas	CE	Ceast
CF	Coesfeld	DN	DYNISCO
IN	Instron	QA	Qualitest
RO	Rosand	TO	Tinius Olsen
TY	Toyoseiki	XX	Instrument manufacturer not specified by lab

Grand Mean Sample H49: 138.74 Degrees C Grand Mean Sample H50: 138.99 Degrees C



WebCode	Data Flag	Sample R49 Lab Mean	Sample R49 Diff from Grand Mean	Sample R49 CPV	Sample R50 Lab Mean	Sample R50 Diff from Grand Mean	Sample R50 CPV	Instr Code
2K8Z2N		138.82	-1.57	-1.92	139.08	-1.40	-1.54	DN
3HB6U7		140.87	0.48	0.58	140.75	0.27	0.30	CE
8XW26B		139.73	-0.66	-0.80	140.03	-0.46	-0.50	CE
9XBMGY		140.48	0.09	0.11	141.37	0.89	0.98	CF
A349L7		139.67	-0.72	-0.88	139.33	-1.15	-1.27	TO
BT9F3E		139.50	-0.89	-1.09	139.20	-1.28	-1.42	DN
D6F8HJ		138.88	-1.51	-1.84	138.78	-1.70	-1.88	XX
EJUU6M		141.43	1.04	1.27	141.78	1.30	1.44	CE
F4WZA8		140.90	0.51	0.62	141.18	0.70	0.78	TO
GPQJM3		140.05	-0.34	-0.42	140.38	-0.10	-0.11	CE
JE33AL		140.60	0.21	0.26	141.20	0.72	0.80	AT
MKF8L6		141.43	1.04	1.27	141.53	1.05	1.16	CF
NHLXRU		141.07	0.68	0.83	140.73	0.25	0.28	CF
PAQEPQ		140.31	-0.08	-0.10	139.80	-0.68	-0.75	CE
UJYH3Q		140.97	0.58	0.70	140.80	0.32	0.35	TY
UVVHZN		140.58	0.19	0.24	140.50	0.02	0.02	RO
VZ2KD4		140.83	0.44	0.54	140.58	0.10	0.11	IN
WZJ4JM		139.33	-1.06	-1.29	139.78	-0.70	-0.77	CE
X3X6VK		141.27	0.88	1.07	141.18	0.70	0.78	CE
Z4KBE9		141.08	0.69	0.85	141.60	1.12	1.24	TO

Summary Statistics

	Sample R49	Sample R50
Grand Means	140.390 Degrees C	140.480 Degrees C
Stnd Dev Btwn Labs	0.818 Degrees C	0.905 Degrees C

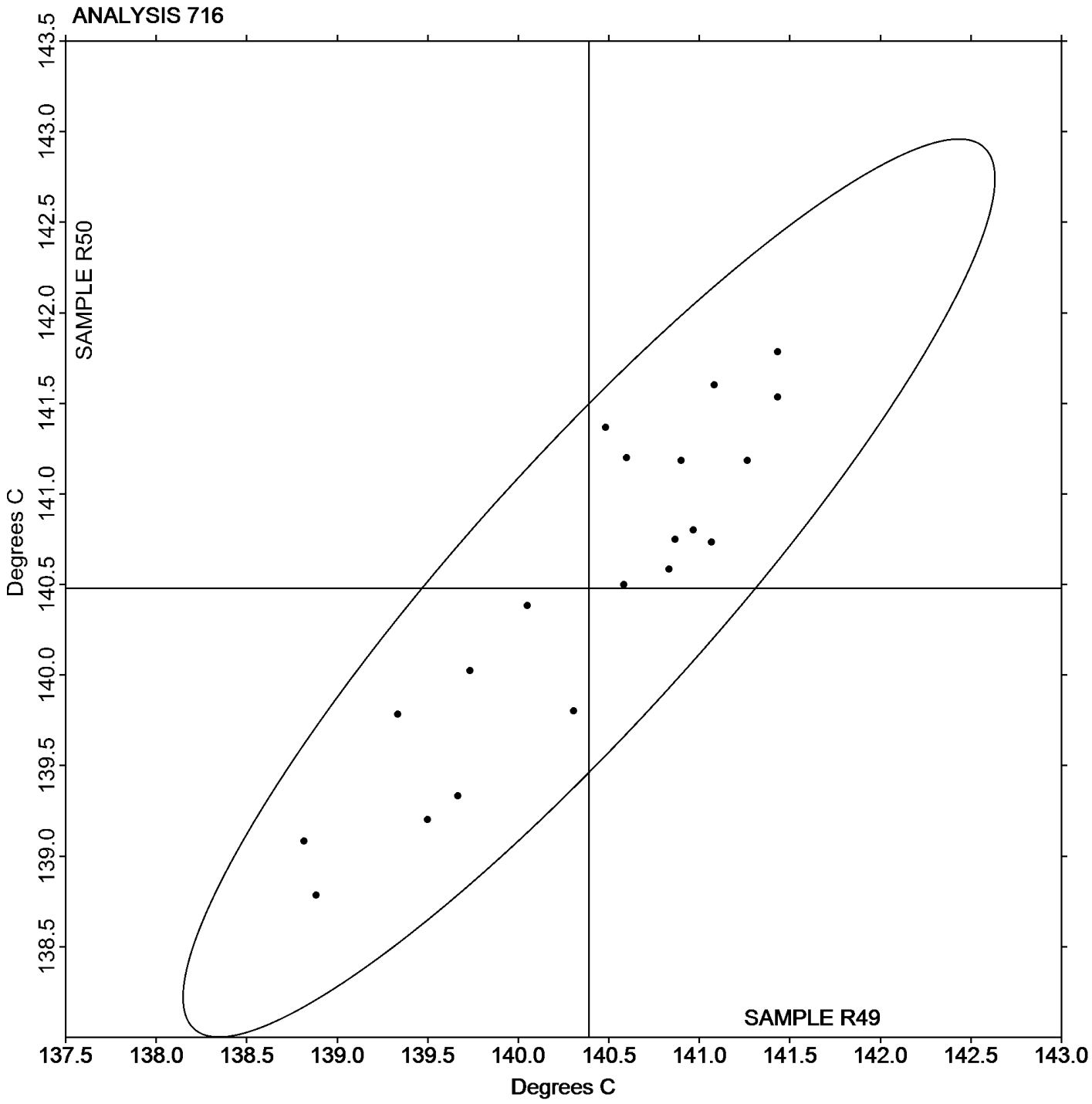
Statistics based on 20 of 20 reporting participants

Sample R49: ABS/PC & Sample R50: ABS/PC

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample R49: 140.39 Degrees C Grand Mean Sample R50: 140.48 Degrees C



WebCode	Data Flag	Sample T49 Lab Mean	Sample T49 Diff from Grand Mean	Sample T49 CPV	Sample T50 Lab Mean	Sample T50 Diff from Grand Mean	Sample T50 CPV
26F44Y		1.04600	0.00026	0.14	1.04567	-0.00011	-0.06
2DQHRM		1.04693	0.00120	0.64	1.04710	0.00132	0.67
3HB6U7		1.04440	-0.00134	-0.71	1.04420	-0.00158	-0.80
3L3WAH		1.04200	-0.00374	-1.99	1.04133	-0.00445	-2.25
4FR3TR		1.04813	0.00240	1.28	1.04810	0.00232	1.18
4ZAJPQ		1.04597	0.00023	0.12	1.04597	0.00019	0.09
6VBKUR	X	1.05000	0.00426	2.27	1.04800	0.00222	1.13
6YGW4E		1.04367	-0.00207	-1.10	1.04333	-0.00245	-1.24
744ZFP	*	1.05100	0.00526	2.80	1.05100	0.00522	2.65
7B4GRF	X	1.04447	-0.00127	-0.68	1.04163	-0.00415	-2.10
84FCBZ		1.04567	-0.00007	-0.04	1.04533	-0.00045	-0.23
88YDAR	X	0.81975	-0.22599	-120.23	0.82050	-0.22528	-114.22
8KUBND		1.04783	0.00210	1.12	1.04717	0.00139	0.70
8QZ8AY		1.04203	-0.00370	-1.97	1.04253	-0.00325	-1.65
9K43TY		1.04567	-0.00007	-0.04	1.04567	-0.00011	-0.06
9XBMGY		1.04730	0.00156	0.83	1.04733	0.00155	0.79
ALXUHQ		1.04618	0.00045	0.24	1.04612	0.00034	0.17
B7H7Q9		1.04867	0.00293	1.56	1.04767	0.00189	0.96
B8QJ9A		1.04520	-0.00054	-0.29	1.04497	-0.00081	-0.41
BTMYPW		1.04740	0.00166	0.89	1.04853	0.00275	1.40
BWN67N		1.04663	0.00090	0.48	1.04663	0.00085	0.43
CWMNP6		1.04480	-0.00094	-0.50	1.04493	-0.00085	-0.43
DUC3EA		1.04647	0.00073	0.39	1.04747	0.00169	0.85
EJUU6M		1.04453	-0.00120	-0.64	1.04503	-0.00075	-0.38
ETZMK9		1.04843	0.00270	1.43	1.04763	0.00185	0.94
F73E28		1.04450	-0.00124	-0.66	1.04427	-0.00151	-0.77
FBR8ML		1.04300	-0.00274	-1.46	1.04200	-0.00378	-1.92
FGV4CD	X	1.04300	-0.00274	-1.46	1.04067	-0.00511	-2.59
FPXZR6		1.04333	-0.00240	-1.28	1.04300	-0.00278	-1.41
FX6Q3U		1.04547	-0.00027	-0.14	1.04573	-0.00005	-0.02
FZVWHK	X	1.05060	0.00486	2.59	1.04827	0.00249	1.26
G278YN		1.04497	-0.00077	-0.41	1.04433	-0.00145	-0.73
G29RU6		1.04687	0.00113	0.60	1.04713	0.00135	0.69
GCMT8P		1.04437	-0.00137	-0.73	1.04363	-0.00215	-1.09
HDCQQF		1.04503	-0.00070	-0.37	1.04530	-0.00048	-0.24

WebCode	Data Flag	Sample T49 Lab Mean	Sample T49 Diff from Grand Mean	Sample T49 CPV	Sample T50 Lab Mean	Sample T50 Diff from Grand Mean	Sample T50 CPV
JB6NMW	X	1.04510	-0.00064	-0.34	1.04797	0.00219	1.11
JE33AL		1.04577	0.00003	0.02	1.04590	0.00012	0.06
JMTU9Y		1.04357	-0.00217	-1.15	1.04363	-0.00215	-1.09
JNMJUF		1.04700	0.00126	0.67	1.04800	0.00222	1.13
K7NK8E		1.04457	-0.00117	-0.62	1.04487	-0.00091	-0.46
KBZN2M	*	1.04433	-0.00140	-0.75	1.04633	0.00055	0.28
KEF2VH	X	1.03983	-0.00590	-3.14	1.03740	-0.00838	-4.25
KUBPM9		1.04743	0.00170	0.90	1.04790	0.00212	1.07
L2QQKW		1.04200	-0.00374	-1.99	1.04133	-0.00445	-2.25
LBEBBN		1.04817	0.00243	1.29	1.04773	0.00195	0.99
LEDXFC		1.04733	0.00160	0.85	1.04733	0.00155	0.79
M7H36L		1.04367	-0.00207	-1.10	1.04467	-0.00111	-0.56
MX2RPY		1.04847	0.00273	1.45	1.04790	0.00212	1.07
N3R9XJ		1.04330	-0.00244	-1.30	1.04230	-0.00348	-1.76
NACJTY		1.04467	-0.00107	-0.57	1.04467	-0.00111	-0.56
NHLXRU	*	1.04450	-0.00124	-0.66	1.04650	0.00072	0.36
QEWBAQ		1.04633	0.00060	0.32	1.04693	0.00115	0.58
QNLUR7		1.04350	-0.00224	-1.19	1.04313	-0.00265	-1.34
QWX7QN		1.04367	-0.00207	-1.10	1.04500	-0.00078	-0.40
R4ATR4	*	1.04067	-0.00507	-2.70	1.04083	-0.00495	-2.51
RYHNYZ		1.04600	0.00026	0.14	1.04700	0.00122	0.62
TGCJA3		1.04727	0.00153	0.81	1.04697	0.00119	0.60
TXZUV6		1.04743	0.00170	0.90	1.04777	0.00199	1.01
UB87XP		1.04737	0.00163	0.87	1.04593	0.00015	0.08
UFFEEU	X	1.04500	-0.00074	-0.39	1.04200	-0.00378	-1.92
UJYH3Q		1.04673	0.00100	0.53	1.04640	0.00062	0.31
UL6U6L		1.04893	0.00320	1.70	1.04890	0.00312	1.58
VGPQP4		1.04627	0.00053	0.28	1.04653	0.00075	0.38
VGVXZC		1.04590	0.00016	0.09	1.04637	0.00059	0.30
WPFVWA		1.04677	0.00103	0.55	1.04680	0.00102	0.52
WUD6BH		1.04483	-0.00090	-0.48	1.04473	-0.00105	-0.53
WZJ4JM		1.04660	0.00086	0.46	1.04750	0.00172	0.87
X4C86E		1.04800	0.00226	1.20	1.04800	0.00222	1.13
XG37TV		1.04600	0.00026	0.14	1.04533	-0.00045	-0.23
XHCB8J		1.04473	-0.00100	-0.53	1.04470	-0.00108	-0.55

WebCode	Data Flag	Sample T49 Lab Mean	Sample T49 Diff from Grand Mean	Sample T49 CPV	Sample T50 Lab Mean	Sample T50 Diff from Grand Mean	Sample T50 CPV
XVJWW4		1.04493	-0.00080	-0.43	1.04510	-0.00068	-0.35
YC8MDH		1.04767	0.00193	1.03	1.04813	0.00235	1.19
YFZVDJ		1.04480	-0.00094	-0.50	1.04400	-0.00178	-0.90
YKDNDA		1.04503	-0.00070	-0.37	1.04440	-0.00138	-0.70
YWTG2J		1.04633	0.00060	0.32	1.04700	0.00122	0.62
Z4KBE9		1.04597	0.00023	0.12	1.04593	0.00015	0.08
ZKRK9G		1.04627	0.00053	0.28	1.04677	0.00099	0.50
ZL7V6Z		1.04457	-0.00117	-0.62	1.04460	-0.00118	-0.60
ZP3DLZ		1.04750	0.00176	0.94	1.04747	0.00169	0.85

Summary Statistics

	Sample T49	Sample T50
Grand Means	1.045736 sp gr 23/23 C	1.045781 sp gr 23/23 C
Stnd Dev Btwn Labs	0.001880 sp gr 23/23 C	0.001972 sp gr 23/23 C

Statistics based on 71 of 79 reporting participants

Sample T49: ABS & Sample T50: ABS

Comments on Assigned Data Flags for Test #718

JB6NMW (X) - Inconsistent in testing between samples.

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

FGV4CD (X) - Inconsistent in testing between samples.

FZVWHK (X) - Inconsistent in testing between samples.

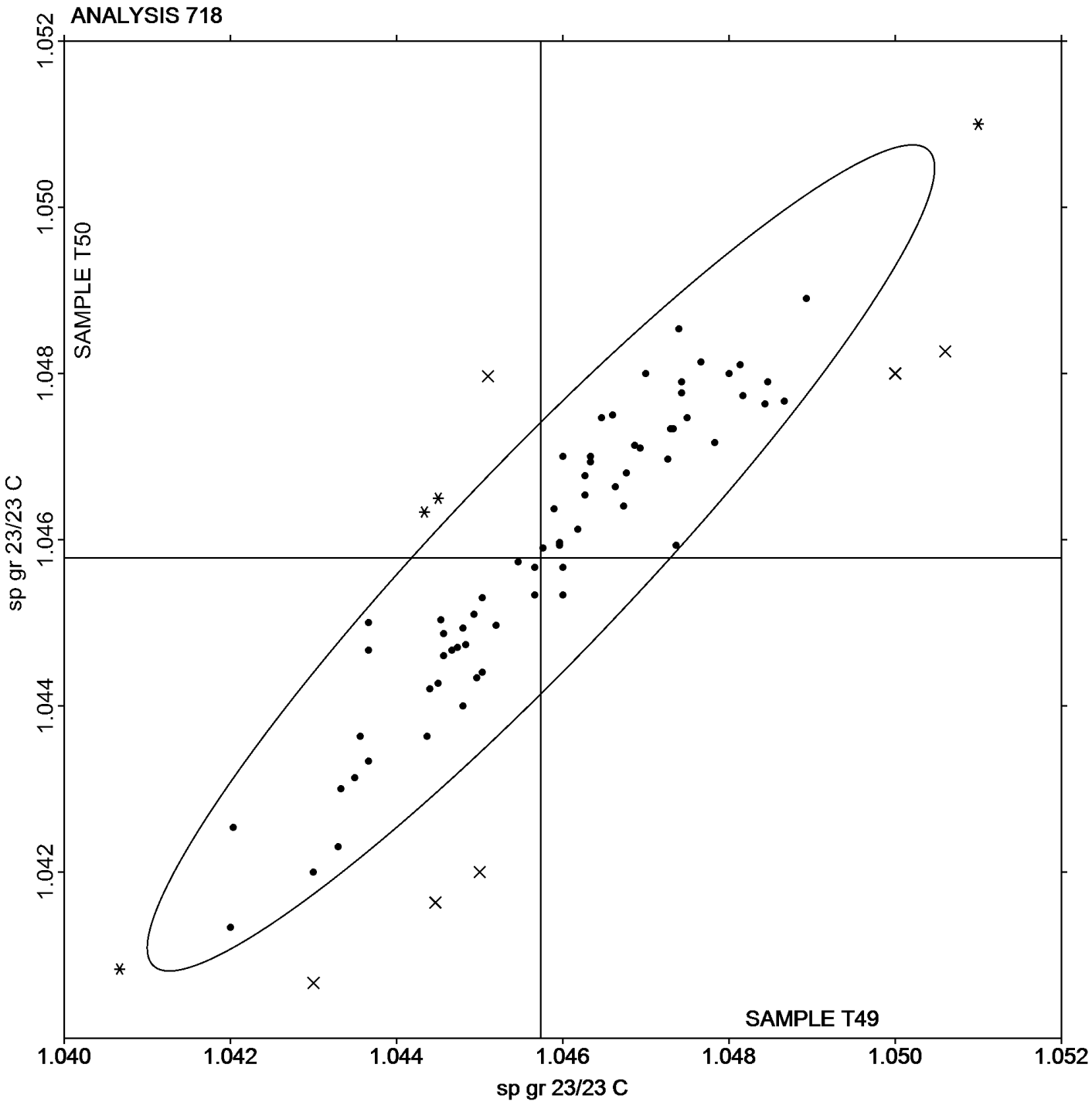
7B4GRF (X) - Inconsistent in testing between samples.

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

KEF2VH (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample T50.

88YDAR (X) - Extreme data.

Grand Mean Sample T49: 1.0457 sp gr 23/23 C Grand Mean Sample T50: 1.0458 sp gr 23/23 C



WebCode	Data Flag	Sample J49 Lab Mean	Sample J49 Diff from Grand Mean	Sample J49 CPV	Sample J50 Lab Mean	Sample J50 Diff from Grand Mean	Sample J50 CPV
3HB6U7	X	319.1	-57.1	-3.56	293.9	-81.9	-5.18
3LWNYA		387.6	11.3	0.70	383.1	7.2	0.46
4FR3TR		358.6	-17.7	-1.10	358.3	-17.6	-1.11
4ZAJPQ		388.2	11.9	0.74	387.0	11.2	0.71
64Q9PT		398.1	21.8	1.36	399.4	23.6	1.49
6F49LM		382.3	6.0	0.37	380.3	4.4	0.28
6YE9F9		384.4	8.1	0.51	383.0	7.2	0.45
6YGW4E		388.9	12.7	0.79	386.3	10.5	0.66
7B4GRF		377.4	1.2	0.07	375.8	0.0	0.00
7NXPWC		349.4	-26.9	-1.67	346.6	-29.2	-1.85
8KUBND		379.0	2.7	0.17	382.4	6.6	0.42
8XW26B		368.2	-8.1	-0.50	363.9	-11.9	-0.75
9XBMGY		367.9	-8.3	-0.52	369.1	-6.7	-0.42
ACMUKA		352.2	-24.1	-1.50	349.5	-26.4	-1.66
AJ47XA		382.2	5.9	0.37	380.9	5.1	0.32
BFZRRW		386.8	10.5	0.65	384.3	8.5	0.54
BT9F3E		360.5	-15.8	-0.98	364.0	-11.8	-0.75
CGT33P		397.5	21.2	1.32	395.8	20.0	1.26
CVA3UA		362.4	-13.9	-0.86	365.2	-10.6	-0.67
DGAJVW		375.2	-1.0	-0.07	371.2	-4.6	-0.29
DUC3EA		370.5	-5.8	-0.36	372.4	-3.4	-0.22
EJUU6M		372.8	-3.4	-0.21	371.0	-4.9	-0.31
F4WZA8		401.2	24.9	1.55	400.2	24.4	1.54
FHYMKA		369.0	-7.2	-0.45	367.2	-8.6	-0.54
FPWC4Y		389.5	13.3	0.83	388.1	12.3	0.77
FPXZR6		346.9	-29.3	-1.83	348.7	-27.1	-1.71
FX6Q3U	X	375.3	-1.0	-0.06	359.4	-16.4	-1.04
HJXLND		383.6	7.3	0.46	383.4	7.6	0.48
J6DECY		376.4	0.1	0.01	378.9	3.1	0.20
JB6NMW	X	401.8	25.5	1.59	392.2	16.4	1.03
JE33AL		348.1	-28.2	-1.76	350.4	-25.4	-1.60
JTHJMH		362.9	-13.3	-0.83	358.1	-17.7	-1.12
KBZN2M	X	380.7	4.5	0.28	395.4	19.6	1.24
KEF2VH		379.5	3.2	0.20	381.8	6.0	0.38
LBAZ9Q		368.2	-8.1	-0.50	368.6	-7.2	-0.45

WebCode	Data Flag	Sample J49 Lab Mean	Sample J49 Diff from Grand Mean	Sample J49 CPV	Sample J50 Lab Mean	Sample J50 Diff from Grand Mean	Sample J50 CPV
LBEBBN		390.9	14.6	0.91	389.9	14.1	0.89
LEDXFC		387.5	11.3	0.70	385.2	9.4	0.59
LGGQDH		368.9	-7.3	-0.46	366.5	-9.3	-0.59
LHD4ZA		357.1	-19.2	-1.20	358.8	-17.0	-1.08
M64QE3		399.5	23.2	1.44	397.2	21.4	1.35
M7H36L	X	189.4	-186.9	-11.64	184.3	-191.5	-12.10
MLR4QA		350.5	-25.7	-1.60	346.4	-29.5	-1.86
MMQYMY		385.5	9.2	0.57	387.3	11.5	0.73
N3R9XJ		350.8	-25.5	-1.59	354.6	-21.2	-1.34
QNLUR7		361.5	-14.8	-0.92	360.8	-15.1	-0.95
QVJNNJ		379.3	3.1	0.19	378.3	2.5	0.16
RWWKQ3		393.8	17.5	1.09	395.7	19.9	1.25
TGCJA3		366.1	-10.2	-0.64	366.0	-9.8	-0.62
UFFEEU		409.1	32.9	2.05	407.0	31.2	1.97
UJYH3Q		370.1	-6.1	-0.38	366.1	-9.7	-0.62
UL6U6L	*	359.4	-16.8	-1.05	366.4	-9.5	-0.60
UVVHZN	*	419.2	43.0	2.68	419.7	43.9	2.77
VJVFQR		386.4	10.1	0.63	386.4	10.6	0.67
W4GH8C		379.2	2.9	0.18	379.0	3.2	0.20
Y2KRTA		396.2	20.0	1.24	395.8	19.9	1.26
YQ6YLM	X	386.4	10.1	0.63	395.2	19.4	1.22
YQMKHJ		368.4	-7.9	-0.49	368.1	-7.7	-0.49
YWTG2J		374.9	-1.4	-0.09	374.7	-1.1	-0.07
Z4KBE9		382.8	6.5	0.41	382.6	6.7	0.43
ZCVKWA		371.3	-4.9	-0.31	373.7	-2.2	-0.14
ZQJKXA		371.0	-5.3	-0.33	369.1	-6.7	-0.43

Summary Statistics

	Sample J49	Sample J50
Grand Means	376.27 ksi	375.82 ksi
Stnd Dev Btwn Labs	16.05 ksi	15.83 ksi

Statistics based on 55 of 61 reporting participants

Sample J49: ABS & Sample J50: ABS

Comments on Assigned Data Flags for Test #720

JB6NMW (X) - Inconsistent in testing between samples.

YQ6YLM (X) - Inconsistent in testing between samples.

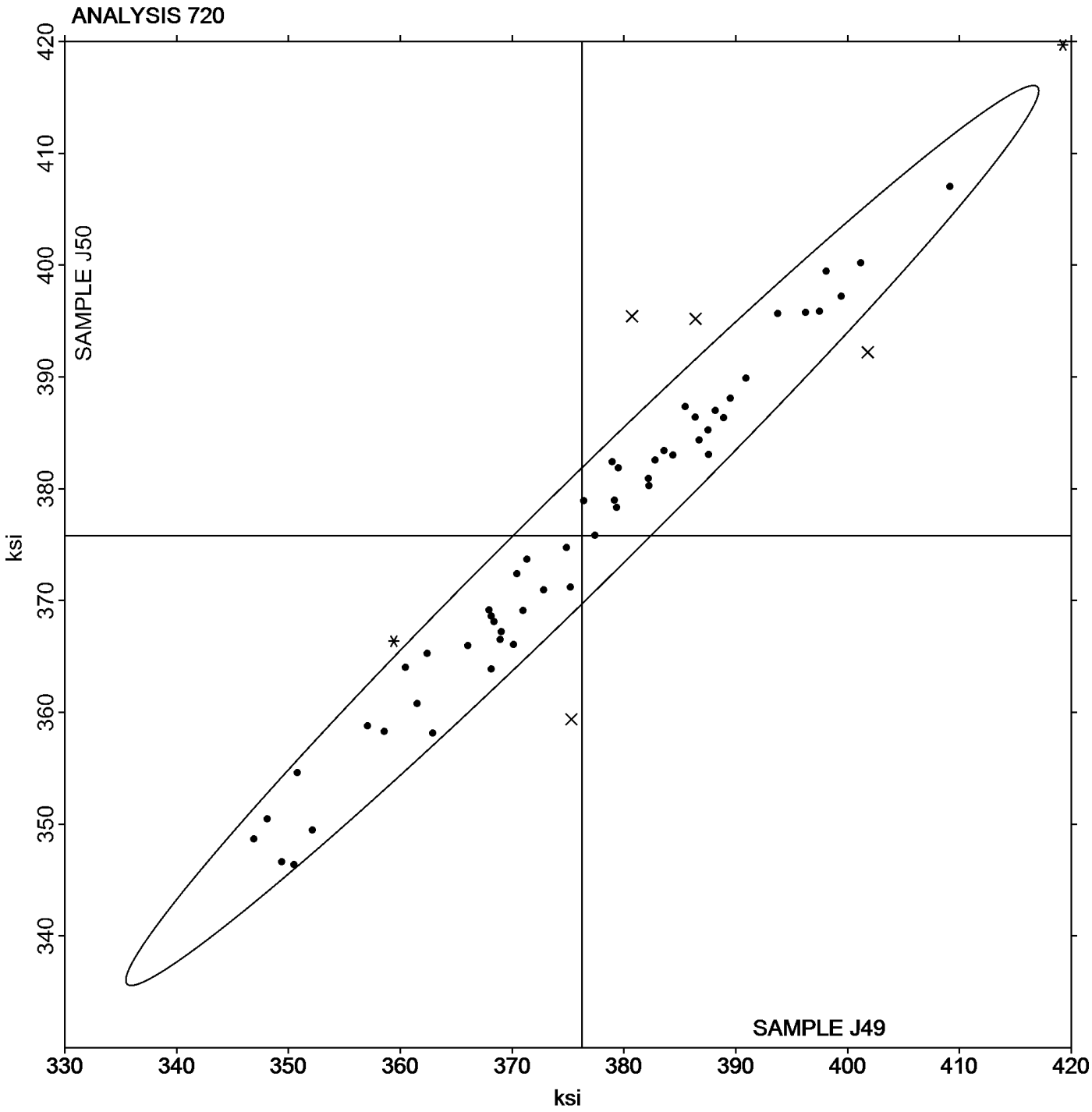
M7H36L (X) - Data for both samples are very low.

KBZN2M (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample J50.

FX6Q3U (X) - Inconsistent in testing between samples.

3HB6U7 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

Grand Mean Sample J49: 376.27 ksi Grand Mean Sample J50: 375.82 ksi



WebCode	Data Flag	Sample J49 Lab Mean	Sample J49 Diff from Grand Mean	Sample J49 CPV	Sample J50 Lab Mean	Sample J50 Diff from Grand Mean	Sample J50 CPV
3HB6U7		11,514	-3	-0.01	11,516	-54	-0.17
3LWNYA	*	12,397	879	2.63	12,325	755	2.32
4FR3TR		11,281	-236	-0.71	11,608	38	0.12
4ZAJPQ		11,180	-338	-1.01	11,220	-350	-1.07
64Q9PT		11,717	199	0.60	11,789	219	0.67
6YE9F9		11,706	188	0.56	11,750	179	0.55
6YGW4E		11,400	-117	-0.35	11,362	-208	-0.64
7B4GRF		11,476	-41	-0.12	11,603	33	0.10
7NXPWC		10,900	-618	-1.85	11,060	-510	-1.57
8KUBND		11,119	-399	-1.19	11,345	-225	-0.69
8XW26B		11,574	56	0.17	11,669	99	0.30
9XBMGY		11,613	95	0.28	11,717	147	0.45
ACMUKA		11,385	-133	-0.40	11,320	-250	-0.77
AJ47XA		11,947	430	1.29	11,997	426	1.31
BFZRRW		11,513	-4	-0.01	11,644	73	0.22
CVA3UA		11,162	-356	-1.06	11,215	-355	-1.09
DGAJVW	*	11,670	152	0.46	11,370	-200	-0.61
EJUU6M		11,288	-229	-0.69	11,234	-336	-1.03
F4WZA8		12,000	482	1.44	11,960	390	1.20
FHYMKA		11,353	-165	-0.49	11,199	-371	-1.14
FPWC4Y		11,070	-447	-1.34	11,104	-467	-1.43
FX6Q3U		11,562	45	0.13	11,657	87	0.27
J6DECY		11,569	51	0.15	11,616	46	0.14
JB6NMW		11,789	271	0.81	11,728	158	0.48
JE33AL		11,451	-66	-0.20	11,583	13	0.04
JTHJMH	X	10,468	-1,050	-3.14	10,359	-1,212	-3.72
KBZN2M		11,477	-41	-0.12	11,623	53	0.16
KEF2VH		12,086	569	1.70	12,055	485	1.49
LBAZ9Q		11,166	-351	-1.05	11,175	-396	-1.21
LBEBBN		11,584	66	0.20	11,686	116	0.35
LGGQDH		11,647	129	0.39	11,638	68	0.21
LHD4ZA		12,340	823	2.46	12,401	831	2.55
M64QE3		11,618	100	0.30	11,867	296	0.91
M7H36L	X	8,038	-3,480	-10.41	7,875	-3,695	-11.33
MLR4QA		11,151	-367	-1.10	11,327	-244	-0.75

WebCode	Data Flag	Sample J49 Lab Mean	Sample J49 Diff from Grand Mean	Sample J49 CPV	Sample J50 Lab Mean	Sample J50 Diff from Grand Mean	Sample J50 CPV
MMQYMY		11,891	374	1.12	12,083	512	1.57
N3R9XJ		10,967	-550	-1.65	11,012	-558	-1.71
QVJNNJ		11,570	52	0.16	11,685	115	0.35
RWWKQ3		11,691	174	0.52	11,712	142	0.43
TGCJA3		11,765	248	0.74	11,713	143	0.44
UFFEEU		11,845	327	0.98	11,732	162	0.50
UJYH3Q		11,242	-276	-0.82	11,221	-350	-1.07
UL6U6L	X	9,009	-2,508	-7.50	9,886	-1,685	-5.17
W4GH8C		11,479	-39	-0.12	11,747	177	0.54
Y2KRTA		11,108	-410	-1.22	11,288	-282	-0.87
YQMKHJ		11,025	-492	-1.47	10,984	-586	-1.80
YWTG2J		11,727	209	0.63	11,769	199	0.61
ZCVKWA		11,359	-158	-0.47	11,415	-156	-0.48
ZQJKXA		11,431	-86	-0.26	11,510	-61	-0.19

Summary Statistics

	Sample J49	Sample J50
Grand Means	11,517.5 psi	11,570.3 psi
Stnd Dev Btwn Labs	334.4 psi	326.0 psi

Statistics based on 46 of 49 reporting participants

Sample J49: ABS & Sample J50: ABS

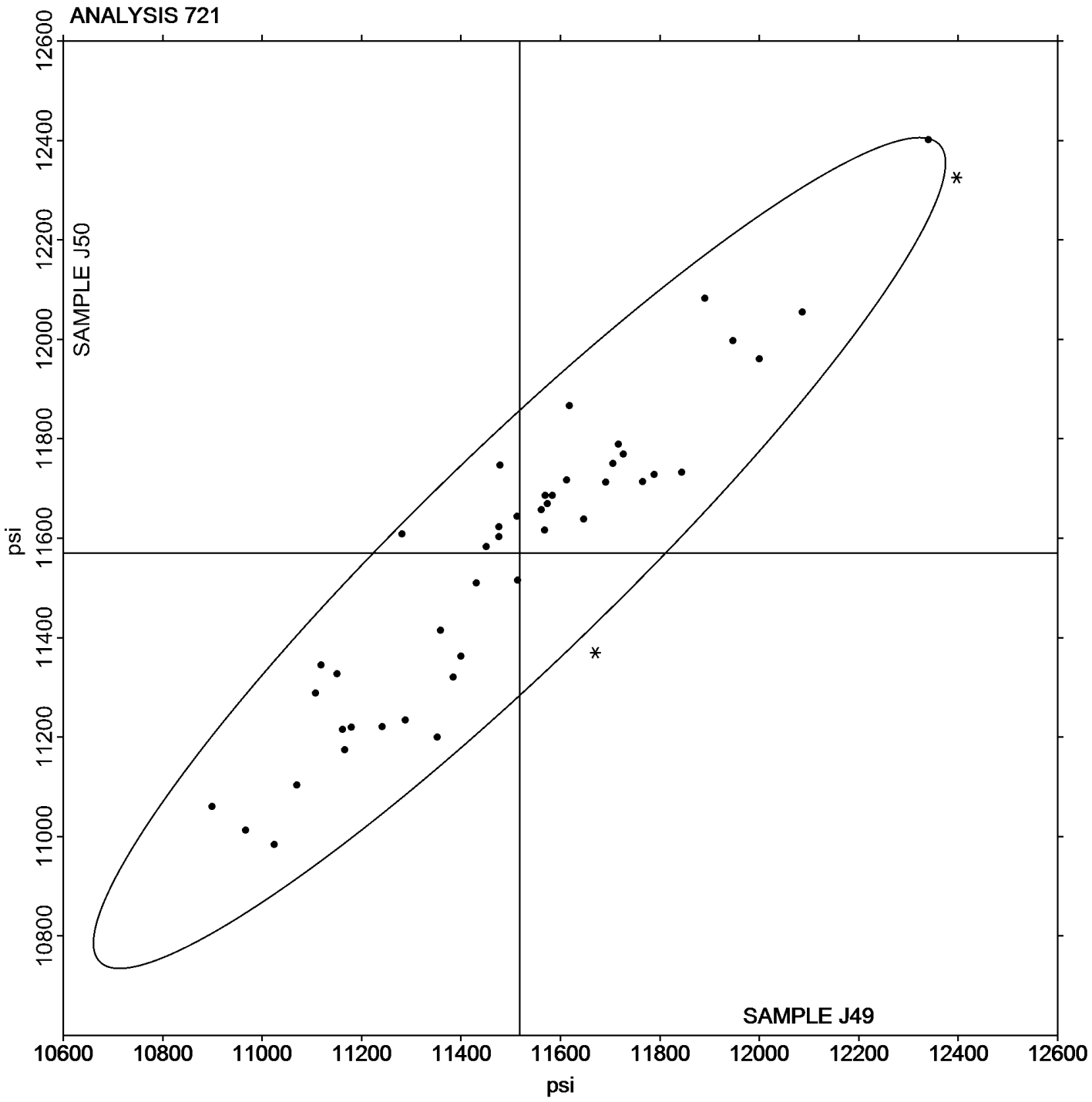
Comments on Assigned Data Flags for Test #721

UL6U6L (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

M7H36L (X) - Data for both samples are very low.

JTHJMH (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample J50.

Grand Mean Sample J49: 11,517.51 psi Grand Mean Sample J50: 11,570.26 psi



WebCode	Data Flag	Sample J49 Lab Mean	Sample J49 Diff from Grand Mean	Sample J49 CPV	Sample J50 Lab Mean	Sample J50 Diff from Grand Mean	Sample J50 CPV
3LWNYA	*	12,397	833	2.84	12,325	711	2.38
4FR3TR		11,335	-229	-0.78	11,659	44	0.15
4ZAJPQ		11,340	-224	-0.76	11,360	-255	-0.85
64Q9PT		11,788	224	0.76	11,871	256	0.86
6F49LM		11,342	-222	-0.76	11,420	-194	-0.65
6YE9F9		11,813	249	0.85	11,855	240	0.80
6YGW4E		11,400	-164	-0.56	11,365	-249	-0.83
7B4GRF		11,602	38	0.13	11,726	111	0.37
7NXPWC		10,940	-624	-2.13	11,100	-515	-1.72
8KUBND		11,242	-322	-1.10	11,449	-166	-0.55
8XW26B		11,697	133	0.45	11,780	166	0.55
9XBMGY		11,619	55	0.19	11,689	75	0.25
ACMUKA		11,466	-98	-0.33	11,426	-189	-0.63
BFZRRW		11,615	51	0.17	11,727	112	0.38
BT9F3E		11,333	-231	-0.79	11,438	-177	-0.59
CGT33P	X	12,883	1,318	4.49	12,867	1,252	4.19
CVA3UA	X	9,005	-2,559	-8.71	8,975	-2,640	-8.83
DGAJVW		11,689	125	0.42	11,391	-223	-0.75
EJUU6M		11,379	-185	-0.63	11,340	-275	-0.92
F4WZA8		12,000	436	1.48	11,960	345	1.15
FHYMKA		11,442	-122	-0.42	11,323	-291	-0.97
FPWC4Y		11,239	-325	-1.11	11,272	-342	-1.14
FX6Q3U		11,472	-92	-0.31	11,339	-276	-0.92
J6DECY		11,606	42	0.14	11,634	20	0.07
JB6NMW		11,902	338	1.15	11,785	170	0.57
JE33AL		11,528	-36	-0.12	11,626	12	0.04
JTHJMH	X	10,312	-1,252	-4.26	10,640	-974	-3.26
KBZN2M		11,255	-309	-1.05	11,412	-203	-0.68
KEF2VH		12,086	522	1.78	12,055	440	1.47
LBAZ9Q		11,268	-296	-1.01	11,277	-338	-1.13
LBEBBN		11,452	-112	-0.38	11,752	137	0.46
LGGQDH	*	11,413	-151	-0.51	11,098	-516	-1.73
LHD4ZA	X	12,657	1,093	3.72	12,708	1,094	3.66
M64QE3		11,699	135	0.46	11,960	345	1.15
M7H36L	X	8,446	-3,118	-10.62	8,277	-3,338	-11.16

WebCode	Data Flag	Sample J49 Lab Mean	Sample J49 Diff from Grand Mean	Sample J49 CPV	Sample J50 Lab Mean	Sample J50 Diff from Grand Mean	Sample J50 CPV
MLR4QA		11,194	-370	-1.26	11,356	-259	-0.87
MMQYMY		11,979	415	1.41	12,154	539	1.80
QVJNNJ		11,673	109	0.37	11,788	173	0.58
RWWKQ3		11,551	-13	-0.05	11,643	28	0.09
TGCJA3		11,805	241	0.82	11,755	140	0.47
UFFEEU		11,971	407	1.38	11,858	244	0.81
UJYH3Q		11,301	-263	-0.89	11,307	-307	-1.03
UL6U6L	X	9,083	-2,481	-8.45	9,960	-1,655	-5.53
UVVHZN		12,067	503	1.71	12,154	540	1.80
VJVFQR		11,660	96	0.33	11,720	105	0.35
W4GH8C		11,687	123	0.42	11,802	187	0.63
Y2KRTA		11,108	-456	-1.55	11,287	-328	-1.10
YQ6YLM	*	11,739	175	0.60	12,133	519	1.73
YQMKHJ		11,137	-427	-1.46	11,101	-514	-1.72
YWTG2J		11,720	156	0.53	11,723	108	0.36
Z4KBE9		11,713	149	0.51	11,705	90	0.30
ZCVKWA		11,359	-205	-0.70	11,444	-171	-0.57
ZQJKXA		11,488	-76	-0.26	11,546	-68	-0.23

Summary Statistics

	Sample J49	Sample J50
Grand Means	11,564.1 psi	11,614.7 psi
Stnd Dev Btwn Labs	293.7 psi	299.0 psi

Statistics based on 47 of 53 reporting participants

Sample J49: ABS & Sample J50: ABS

Comments on Assigned Data Flags for Test #722

UL6U6L (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

M7H36L (X) - Data for both samples are very low.

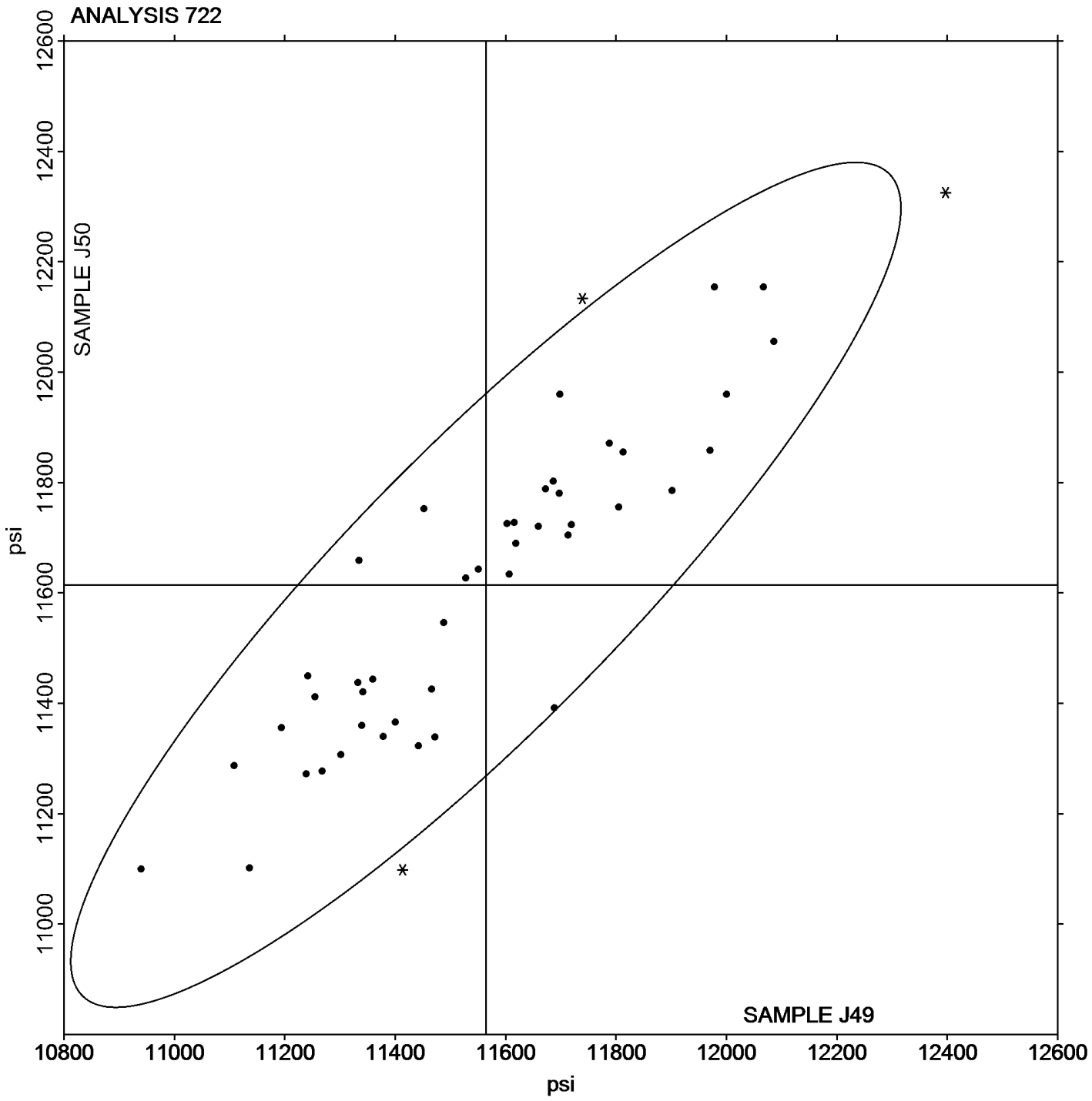
CVA3UA (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample J49.

LHD4ZA (X) - Data for both samples are high. Possible Systematic Error.

CGT33P (X) - Data for both samples are high. Possible Systematic Error.

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

Grand Mean Sample J49: 11,564.09 psi Grand Mean Sample J50: 11,614.68 psi



WebCode	Data Flag	Sample C49 Lab Mean	Sample C49 Diff from Grand Mean	Sample C49 CPV	Sample C50 Lab Mean	Sample C50 Diff from Grand Mean	Sample C50 CPV
2DQHRM		23.34	-0.93	-1.21	23.45	-0.80	-1.06
2N8CYA		23.75	-0.52	-0.68	23.90	-0.35	-0.47
64Q9PT	*	25.56	1.29	1.68	25.18	0.93	1.23
6BXJCF		25.59	1.32	1.72	25.55	1.30	1.72
6YE9F9		24.24	-0.03	-0.04	24.31	0.06	0.07
7B4GRF		24.26	-0.01	-0.01	24.18	-0.07	-0.10
7BJVZP		24.90	0.63	0.82	24.79	0.54	0.71
9CC9VG		23.96	-0.31	-0.41	23.86	-0.39	-0.52
9XBMGY		24.55	0.28	0.37	24.53	0.28	0.37
B7H7Q9	X	19.26	-5.01	-6.53	18.48	-5.77	-7.63
BKX8MY		22.90	-1.37	-1.78	22.78	-1.47	-1.94
CCF34C	X	23.78	-0.49	-0.64	22.96	-1.29	-1.71
CCUQ3J		23.93	-0.34	-0.44	23.86	-0.39	-0.51
D6F8HJ		25.04	0.77	1.00	25.10	0.85	1.12
EJUU6M		24.42	0.15	0.20	24.29	0.04	0.06
FPXZR6	X	21.44	-2.83	-3.69	22.40	-1.85	-2.45
G29RU6		24.48	0.21	0.27	24.25	0.00	0.01
HJXLND		23.64	-0.63	-0.83	23.44	-0.81	-1.07
JB6NMW		24.52	0.25	0.32	24.58	0.33	0.44
JE33AL		22.92	-1.35	-1.76	23.01	-1.24	-1.64
JNTQ6N		24.44	0.17	0.21	24.36	0.11	0.15
KEF2VH		25.26	0.99	1.29	25.06	0.81	1.07
KUBPM9		24.20	-0.07	-0.09	24.06	-0.19	-0.25
L8DF68		25.35	1.08	1.41	25.34	1.09	1.44
LBEBBN		23.89	-0.38	-0.49	23.92	-0.33	-0.43
LEDXFC		23.30	-0.97	-1.27	23.36	-0.89	-1.17
LLW2NZ		24.91	0.64	0.84	25.11	0.86	1.14
MKF8L6		25.18	0.91	1.18	25.16	0.91	1.20
MLPEMD		23.96	-0.31	-0.41	23.98	-0.27	-0.36
MX2RPY		23.93	-0.34	-0.45	23.53	-0.72	-0.95
NACJTY	X	23.33	-0.94	-1.23	22.74	-1.51	-2.00
NFEHH3		23.90	-0.37	-0.48	23.92	-0.33	-0.43
NHLXRU		24.18	-0.09	-0.12	24.18	-0.07	-0.09
PCTFQN		24.04	-0.24	-0.31	24.16	-0.09	-0.12
QEWBAQ		25.33	1.06	1.38	25.36	1.11	1.46

WebCode	Data Flag	Sample C49 Lab Mean	Sample C49 Diff from Grand Mean	Sample C49 CPV	Sample C50 Lab Mean	Sample C50 Diff from Grand Mean	Sample C50 CPV
QWX7QN	*	23.19	-1.08	-1.40	23.60	-0.65	-0.86
R4ATR4		24.24	-0.03	-0.04	24.49	0.24	0.31
RYHNYZ		23.65	-0.62	-0.81	23.50	-0.75	-0.99
UJYH3Q		23.90	-0.37	-0.48	24.04	-0.21	-0.28
UUEAQZ		25.54	1.27	1.65	25.70	1.45	1.92
VGVXZC		23.15	-1.13	-1.47	23.14	-1.11	-1.46
VZ2KD4		23.35	-0.92	-1.20	23.03	-1.22	-1.62
WZJ4JM		23.49	-0.78	-1.02	23.58	-0.67	-0.89
XG37TV		23.91	-0.37	-0.48	23.94	-0.31	-0.41
Z4KBE9		25.10	0.83	1.08	25.08	0.83	1.09
ZKRK9G		25.55	1.27	1.66	25.33	1.08	1.43
ZQJKXA		24.71	0.44	0.57	24.75	0.50	0.66

Summary Statistics

	Sample C49	Sample C50
Grand Means	24.271 MPa	24.250 MPa
Stnd Dev Btwn Labs	0.768 MPa	0.756 MPa

Statistics based on 43 of 47 reporting participants

Sample C49: HIPS & Sample C50: HIPS

Comments on Assigned Data Flags for Test #730

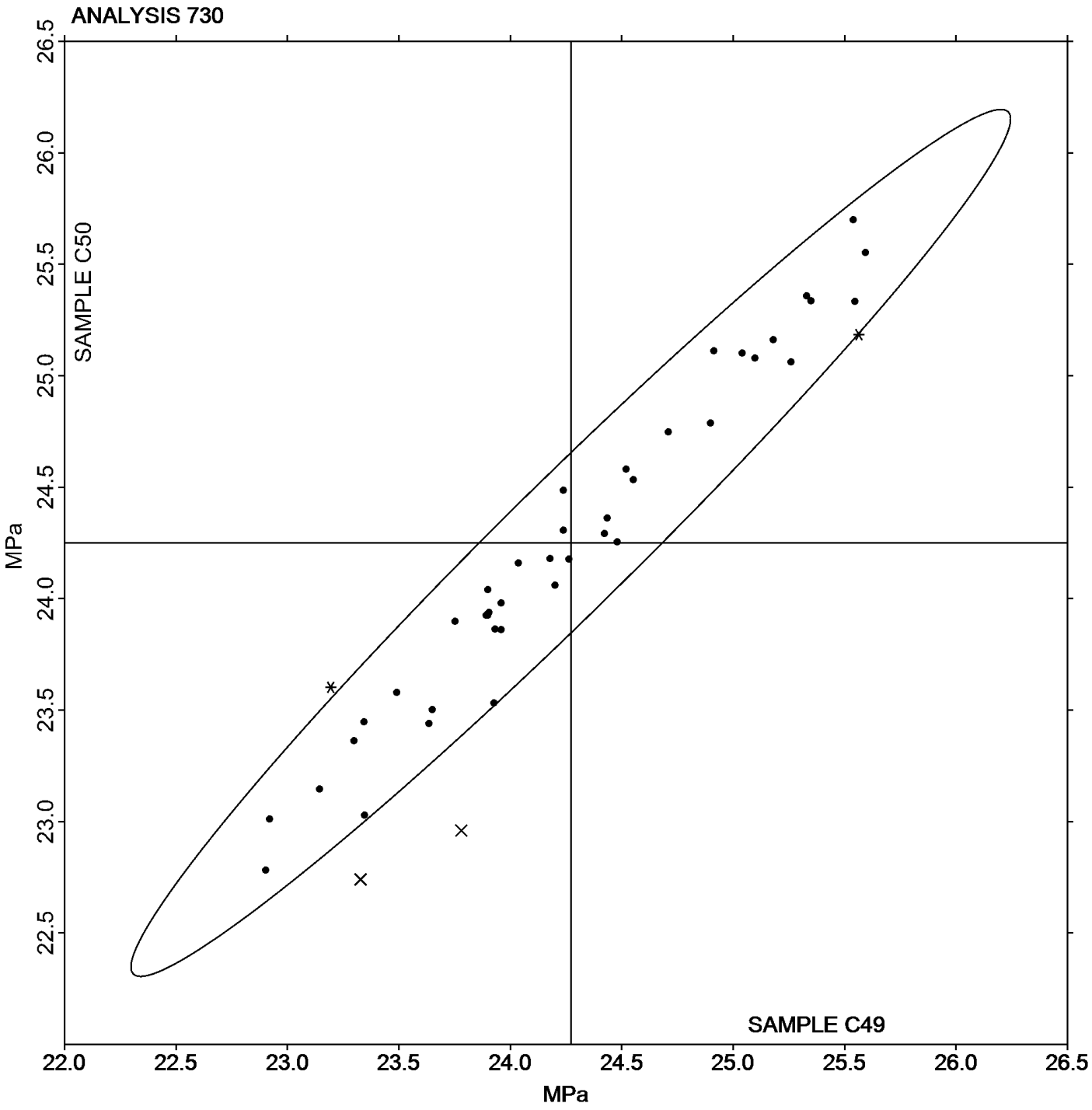
FPXZR6 (X) - Inconsistent in testing between samples. Data for sample C49 are low.

B7H7Q9 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample C49.

NACJTY (X) - Inconsistent in testing between samples.

CCF34C (X) - Inconsistent in testing between samples.

Grand Mean Sample C49: 24.271 MPa Grand Mean Sample C50: 24.250 MPa



WebCode	Data Flag	Sample C49 Lab Mean	Sample C49 Diff from Grand Mean	Sample C49 CPV	Sample C50 Lab Mean	Sample C50 Diff from Grand Mean	Sample C50 CPV
2N8CYA		20.68	-0.29	-0.30	20.75	-0.16	-0.17
64Q9PT		22.08	1.11	1.15	21.97	1.06	1.15
6BXJCF		22.33	1.36	1.40	22.35	1.44	1.56
6YE9F9		20.38	-0.59	-0.61	20.65	-0.26	-0.28
7B4GRF		21.48	0.51	0.53	21.00	0.09	0.09
7BJVZP	*	21.63	0.66	0.68	20.62	-0.30	-0.32
9CC9VG		20.46	-0.51	-0.52	20.60	-0.31	-0.34
9XBMGY		22.10	1.13	1.16	22.54	1.63	1.76
B7H7Q9	*	23.58	2.61	2.69	23.48	2.57	2.78
BKX8MY		20.33	-0.64	-0.66	20.81	-0.10	-0.10
CCUQ3J		20.72	-0.24	-0.25	20.42	-0.50	-0.54
D6F8HJ		22.59	1.63	1.68	22.18	1.27	1.38
EEX2CR		20.13	-0.83	-0.86	19.86	-1.05	-1.14
EJUU6M		20.38	-0.59	-0.61	20.64	-0.27	-0.29
HJXLND		21.07	0.10	0.11	20.95	0.04	0.04
JB6NMW		21.60	0.63	0.65	21.56	0.65	0.70
JE33AL		20.32	-0.65	-0.67	20.84	-0.07	-0.08
JNTQ6N		20.67	-0.29	-0.30	20.36	-0.55	-0.59
KEF2VH		19.12	-1.85	-1.90	19.20	-1.71	-1.85
KUBPM9		21.35	0.39	0.40	21.09	0.18	0.19
L8DF68		21.85	0.88	0.90	21.70	0.79	0.86
LBEBBN		20.78	-0.19	-0.20	21.02	0.11	0.12
MKF8L6	X	20.08	-0.89	-0.91	21.52	0.61	0.66
MLPEMD		20.12	-0.85	-0.87	20.52	-0.39	-0.42
MX2RPY		20.89	-0.07	-0.08	20.38	-0.53	-0.58
NACJTY		20.03	-0.94	-0.97	19.83	-1.08	-1.17
NFEHH3	*	18.54	-2.43	-2.50	19.04	-1.87	-2.02
NHLXRU		20.42	-0.55	-0.56	20.32	-0.59	-0.64
PCTFQN		21.06	0.09	0.10	21.04	0.13	0.14
QEWBAQ		21.40	0.44	0.45	21.38	0.47	0.51
QWX7QN		20.99	0.03	0.03	20.61	-0.30	-0.32
RYHNYZ		20.56	-0.40	-0.42	20.38	-0.53	-0.58
UJYH3Q		20.24	-0.73	-0.75	20.70	-0.21	-0.23
UUEAQZ		21.22	0.25	0.26	21.40	0.49	0.53
VGVXZC		20.07	-0.90	-0.92	19.35	-1.56	-1.69

WebCode	Data Flag	Sample C49 Lab Mean	Sample C49 Diff from Grand Mean	Sample C49 CPV	Sample C50 Lab Mean	Sample C50 Diff from Grand Mean	Sample C50 CPV
VZ2KD4		20.27	-0.70	-0.72	19.89	-1.02	-1.11
WZJ4JM		20.35	-0.61	-0.63	20.72	-0.19	-0.20
Z4KBE9		21.86	0.89	0.92	21.54	0.63	0.68
ZKRK9G		22.42	1.45	1.50	21.80	0.89	0.96
ZQJKXA		21.65	0.68	0.70	22.02	1.11	1.21

Summary Statistics

	Sample C49	Sample C50
Grand Means	20.967 MPa	20.911 MPa
Stnd Dev Btwn Labs	0.971 MPa	0.923 MPa

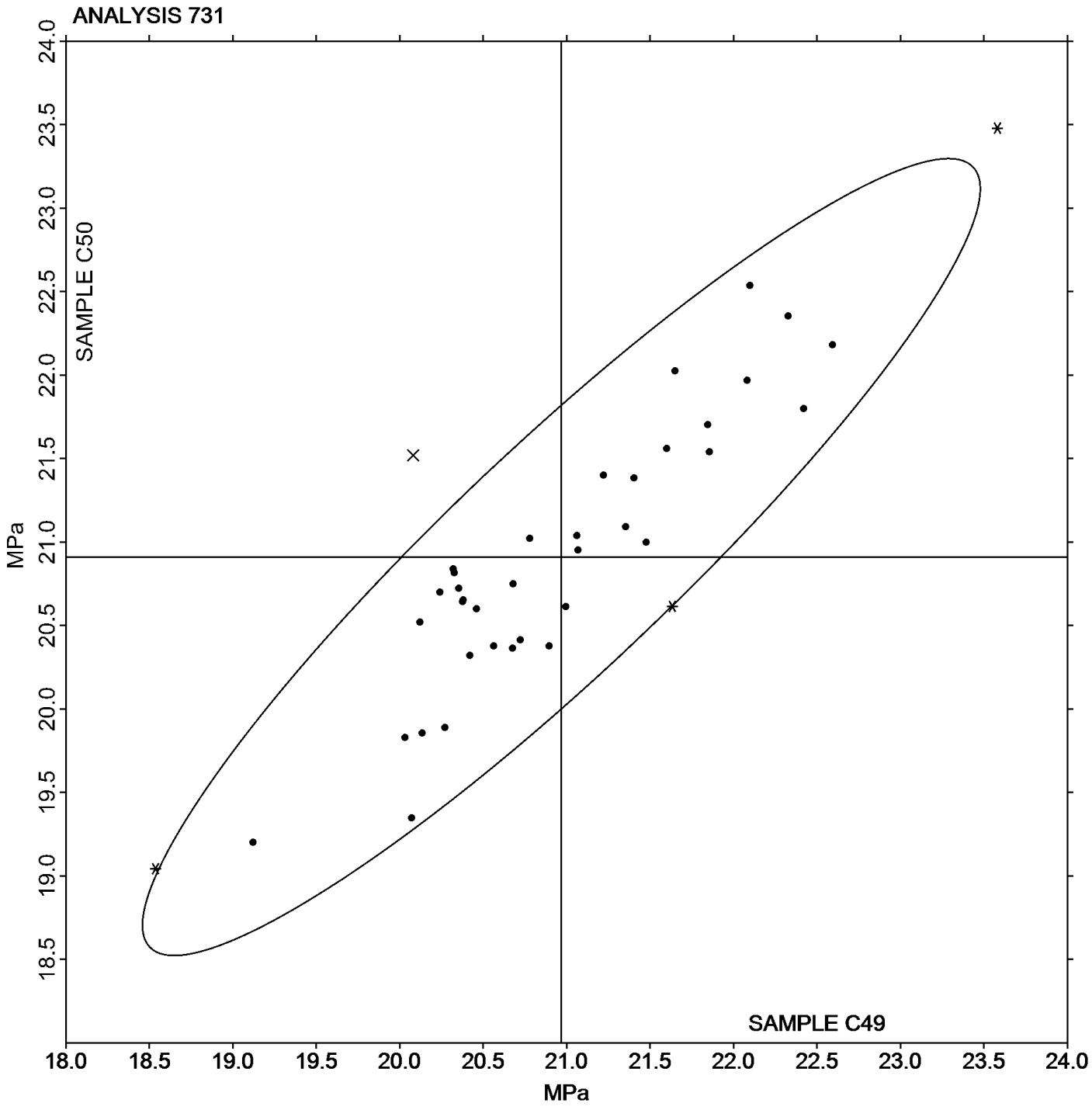
Statistics based on 39 of 40 reporting participants

Sample C49: HIPS & Sample C50: HIPS

Comments on Assigned Data Flags for Test #731

MKF8L6 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample C49.

Grand Mean Sample C49: 20.967 MPa Grand Mean Sample C50: 20.911 MPa



WebCode	Data Flag	Sample C49 Lab Mean	Sample C49 Diff from Grand Mean	Sample C49 CPV	Sample C50 Lab Mean	Sample C50 Diff from Grand Mean	Sample C50 CPV
2DQHRM		1.248	0.004	0.07	1.223	-0.018	-0.35
2N8CYA	*	1.234	-0.010	-0.20	1.282	0.041	0.79
64Q9PT		1.238	-0.006	-0.12	1.222	-0.019	-0.36
6BXJCF		1.258	0.014	0.25	1.228	-0.013	-0.25
6YE9F9		1.196	-0.048	-0.90	1.220	-0.021	-0.40
7B4GRF		1.224	-0.020	-0.38	1.216	-0.025	-0.48
7BJVZP	X	42.950	41.706	778.40	32.764	31.523	605.73
9CC9VG		1.358	0.114	2.12	1.350	0.109	2.10
9XBMGY		1.276	0.032	0.59	1.274	0.033	0.64
B7H7Q9		1.220	-0.024	-0.46	1.200	-0.041	-0.78
BKX8MY	X	1.056	-0.188	-3.52	1.146	-0.095	-1.82
CCUQ3J		1.310	0.066	1.22	1.295	0.054	1.04
EJUU6M		1.266	0.022	0.40	1.252	0.011	0.22
JB6NMW		1.224	-0.020	-0.38	1.226	-0.015	-0.28
JE33AL		1.180	-0.064	-1.20	1.176	-0.065	-1.24
JNTQ6N		1.154	-0.090	-1.69	1.148	-0.093	-1.78
KEF2VH		1.300	0.056	1.04	1.280	0.039	0.75
KUBPM9		1.243	-0.001	-0.02	1.227	-0.014	-0.26
L8DF68		1.236	-0.008	-0.16	1.246	0.005	0.10
LBEBBN		1.228	-0.016	-0.31	1.218	-0.023	-0.44
LLW2NZ		1.154	-0.090	-1.69	1.178	-0.063	-1.21
MKF8L6		1.200	-0.044	-0.83	1.200	-0.041	-0.78
MLPEMD		1.340	0.096	1.78	1.328	0.087	1.68
MX2RPY		1.218	-0.026	-0.49	1.218	-0.023	-0.44
NACJTY		1.152	-0.092	-1.73	1.146	-0.095	-1.82
NFEHH3		1.174	-0.070	-1.32	1.186	-0.055	-1.05
NHLXRU		1.280	0.036	0.66	1.300	0.059	1.14
PCTFQN		1.248	0.004	0.07	1.248	0.007	0.14
QEWBAQ		1.278	0.034	0.63	1.280	0.039	0.75
QWX7QN		1.242	-0.002	-0.05	1.210	-0.031	-0.59
RYHNYZ		1.232	-0.012	-0.23	1.244	0.003	0.06
UJYH3Q		1.284	0.040	0.74	1.278	0.037	0.72
UUEAQZ	*	1.392	0.148	2.75	1.384	0.143	2.75
VGVXZC	X	1.206	-0.038	-0.72	1.376	0.135	2.60
VZ2KD4		1.206	-0.038	-0.72	1.214	-0.027	-0.51

WebCode	Data Flag	Sample C49 Lab Mean	Sample C49 Diff from Grand Mean	Sample C49 CPV	Sample C50 Lab Mean	Sample C50 Diff from Grand Mean	Sample C50 CPV
WZJ4JM		1.218	-0.026	-0.49	1.220	-0.021	-0.40
XG37TV		1.220	-0.024	-0.46	1.212	-0.029	-0.55
Z4KBE9		1.278	0.034	0.63	1.292	0.051	0.98
ZKRK9G		1.282	0.038	0.70	1.280	0.039	0.75
ZQJKXA		1.254	0.010	0.18	1.208	-0.033	-0.63

Summary Statistics

	Sample C49	Sample C50
Grand Means	1.2445 Percent	1.2408 Percent
Stnd Dev Btwn Labs	0.0536 Percent	0.0520 Percent

Statistics based on 37 of 40 reporting participants

Sample C49: HIPS & Sample C50: HIPS

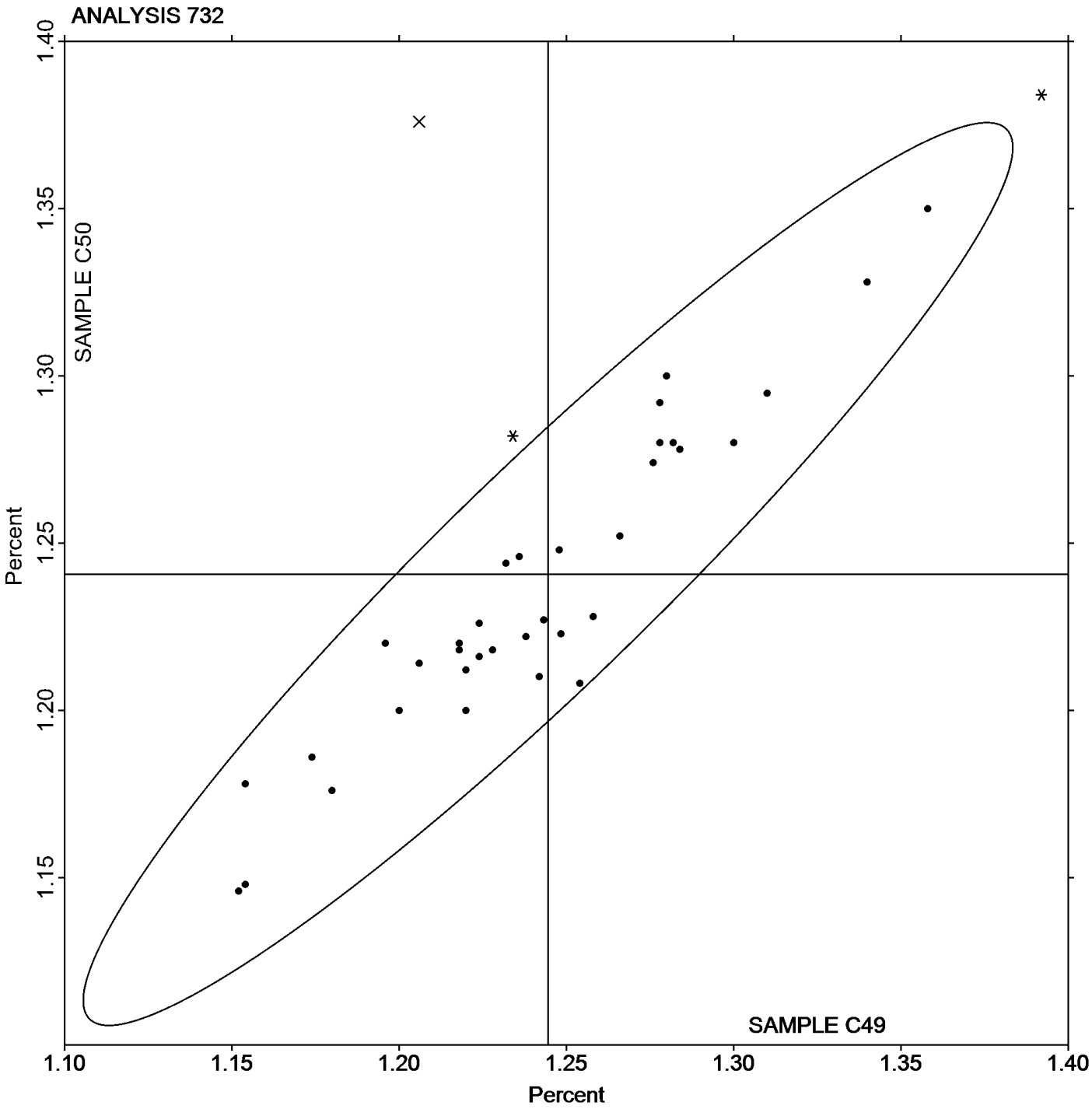
Comments on Assigned Data Flags for Test #732

BKX8MY (X) - Inconsistent in testing between samples. Data for sample C49 are low. Inconsistent within the determinations of sample C50.

VGVXZC (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample C50.

7BJVZP (X) - Extreme data.

Grand Mean Sample C49: 1.2445 Percent Grand Mean Sample C50: 1.2408 Percent



WebCode	Data Flag	Sample C49 Lab Mean	Sample C49 Diff from Grand Mean	Sample C49 CPV	Sample C50 Lab Mean	Sample C50 Diff from Grand Mean	Sample C50 CPV
2DQHRM		2,188	-66	-0.89	2,220	-30	-0.40
2N8CYA		2,166	-88	-1.19	2,161	-89	-1.19
64Q9PT		2,318	64	0.87	2,307	57	0.77
6YE9F9		2,290	36	0.49	2,296	47	0.63
7B4GRF		2,253	-1	-0.02	2,254	4	0.06
7BJVZP	*	2,250	-4	-0.05	2,151	-98	-1.32
9CC9VG		2,159	-95	-1.29	2,142	-108	-1.45
9XBMGY		2,191	-63	-0.85	2,203	-47	-0.63
B7H7Q9		2,196	-58	-0.79	2,188	-62	-0.83
BKX8MY	X	2,637	383	5.20	2,200	-49	-0.66
CCUQ3J	*	2,244	-10	-0.13	2,141	-108	-1.46
EJUU6M		2,162	-92	-1.25	2,222	-28	-0.38
G29RU6	*	2,450	196	2.66	2,466	216	2.91
JB6NMW		2,248	-6	-0.08	2,254	4	0.05
JE33AL		2,155	-99	-1.34	2,165	-85	-1.15
JNTQ6N		2,269	15	0.21	2,259	9	0.13
KEF2VH		2,229	-25	-0.34	2,281	31	0.42
KUBPM9		2,252	-2	-0.02	2,217	-33	-0.44
L8DF68		2,299	45	0.61	2,308	58	0.78
LBEBBN		2,249	-5	-0.07	2,264	14	0.19
LLW2NZ	X	2,850	596	8.08	2,852	603	8.10
MKF8L6		2,283	29	0.39	2,284	34	0.45
MLPEMD		2,167	-87	-1.18	2,163	-87	-1.17
MX2RPY		2,317	63	0.85	2,303	54	0.72
NACJTY	X	2,555	301	4.08	2,711	461	6.20
NFEHH3		2,344	90	1.22	2,353	103	1.38
NHLXRU		2,250	-4	-0.05	2,246	-4	-0.05
PCTFQN		2,288	34	0.46	2,308	58	0.78
QEWBAQ		2,287	33	0.45	2,298	48	0.64
QWX7QN		2,187	-67	-0.91	2,174	-75	-1.01
RYHNYZ		2,235	-19	-0.26	2,227	-23	-0.30
UJYH3Q		2,163	-91	-1.23	2,190	-60	-0.80
UUEAQZ		2,438	184	2.50	2,423	174	2.33
VGVXZC		2,270	16	0.22	2,237	-13	-0.17
VZ2KD4	X	43	-2,211	-30.00	45	-2,204	-29.64

WebCode	Data Flag	Sample C49 Lab Mean	Sample C49 Diff from Grand Mean	Sample C49 CPV	Sample C50 Lab Mean	Sample C50 Diff from Grand Mean	Sample C50 CPV
WZJ4JM		2,138	-116	-1.58	2,163	-87	-1.16
XG37TV		2,321	67	0.91	2,306	56	0.76
YFZVDJ		2,233	-21	-0.29	2,229	-21	-0.28
Z4KBE9		2,293	39	0.53	2,311	62	0.83
ZKRK9G		2,364	110	1.49	2,296	46	0.62
ZQJKXA		2,250	-4	-0.05	2,232	-18	-0.24

Summary Statistics

	Sample C49	Sample C50
Grand Means	2,254.0 MPa	2,249.8 MPa
Stnd Dev Btwn Labs	73.7 MPa	74.4 MPa

Statistics based on 37 of 41 reporting participants

Sample C49: HIPS & Sample C50: HIPS

Comments on Assigned Data Flags for Test #734

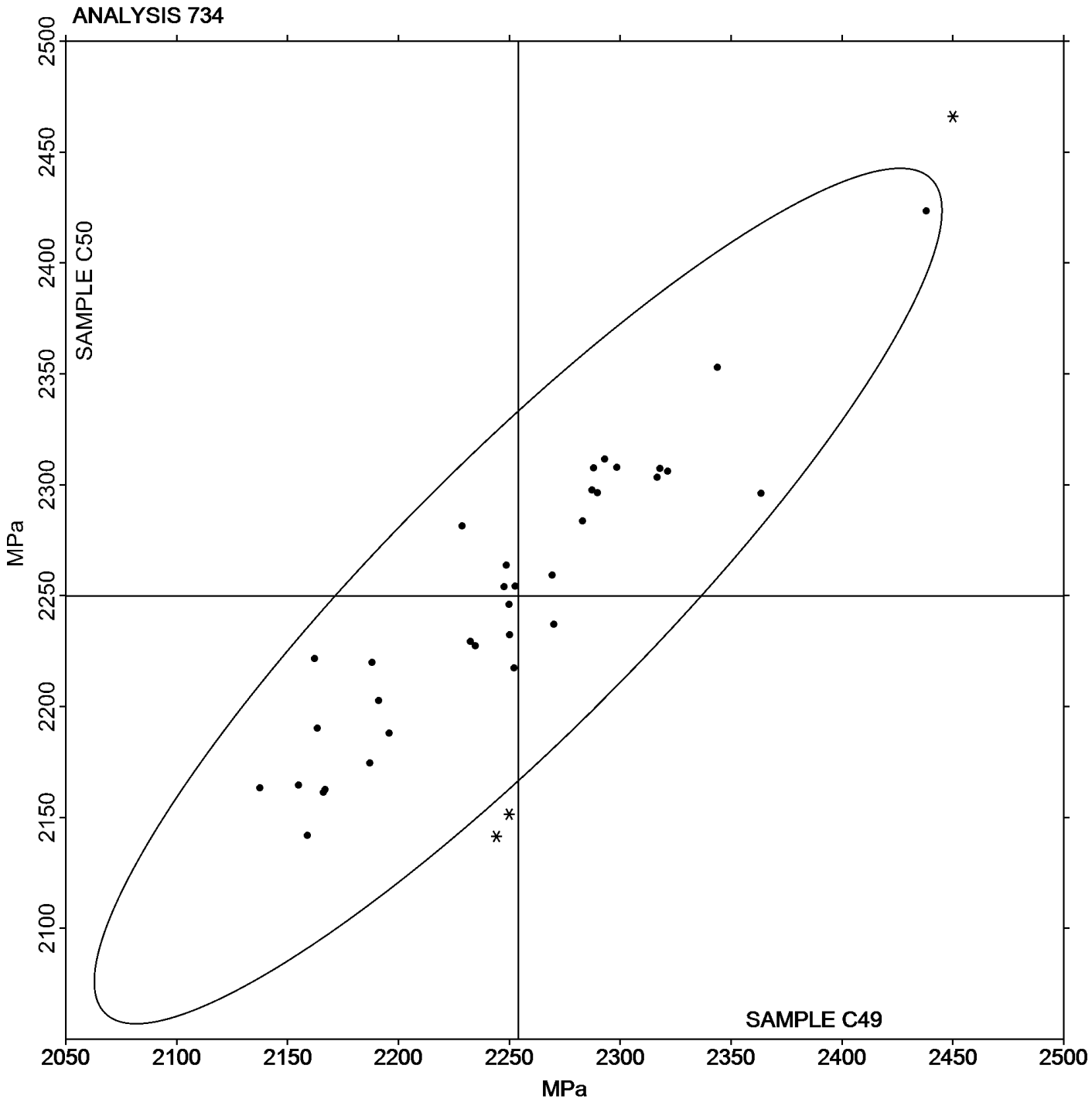
NACJTY (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample C49.

BKX8MY (X) - Inconsistent in testing between samples. Data for sample C49 are high. Inconsistent within the determinations of sample C49.

VZ2KD4 (X) - Extreme data.

LLW2NZ (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

Grand Mean Sample C49: 2,253.97 MPa Grand Mean Sample C50: 2,249.81 MPa



WebCode	Data Flag	Sample K49 Lab Mean	Sample K49 Diff from Grand Mean	Sample K49 CPV	Sample K50 Lab Mean	Sample K50 Diff from Grand Mean	Sample K50 CPV
2DQHRM		2,230	5	0.07	2,215	-22	-0.20
2K8Z2N		2,170	-55	-0.81	2,037	-200	-1.85
2N8CYA		2,268	43	0.63	2,258	21	0.19
64Q9PT		2,334	109	1.60	2,437	201	1.86
7B4GRF		2,265	40	0.58	2,230	-7	-0.06
9CC9VG		2,313	88	1.29	2,317	80	0.74
9XBMGY		2,228	3	0.04	2,266	29	0.27
BKX8MY		2,171	-54	-0.79	2,200	-37	-0.34
CCUQ3J		2,188	-37	-0.55	2,091	-146	-1.35
EJUU6M		2,233	8	0.11	2,155	-82	-0.76
HU3MAY		2,098	-127	-1.86	2,078	-159	-1.47
JB6NMW		2,265	40	0.58	2,385	148	1.37
JE33AL		2,112	-113	-1.65	2,140	-97	-0.90
JNTQ6N		2,161	-64	-0.95	2,195	-42	-0.39
KEF2VH		2,220	-5	-0.07	2,242	6	0.05
KUBPM9		2,254	29	0.42	2,302	65	0.60
LBEBBN		2,147	-78	-1.14	2,183	-54	-0.50
LLW2NZ	*	2,148	-77	-1.13	2,385	149	1.38
MKF8L6		2,156	-69	-1.01	2,125	-112	-1.04
MLPEMD		2,221	-4	-0.06	2,121	-116	-1.07
MX2RPY		2,257	32	0.48	2,251	14	0.13
NACJTY		2,136	-89	-1.31	2,127	-110	-1.02
NHLXRU		2,264	39	0.57	2,106	-131	-1.21
QEWBAQ		2,176	-49	-0.72	2,308	71	0.66
QWX7QN	*	2,426	201	2.96	2,441	205	1.89
RYHNYZ		2,243	18	0.26	2,216	-21	-0.19
UJYH3Q		2,235	10	0.15	2,295	58	0.54
UUEAQZ		2,306	81	1.19	2,280	43	0.40
VGVXZC		2,212	-13	-0.19	2,220	-17	-0.16
VZ2KD4		2,304	79	1.15	2,251	14	0.13
WZJ4JM		2,222	-3	-0.05	2,239	3	0.02
XG37TV		2,181	-44	-0.64	2,226	-11	-0.10
YFZVDJ		2,199	-26	-0.39	2,161	-76	-0.70
Z4KBE9		2,315	90	1.32	2,379	143	1.32
ZKRK9G	*	2,254	29	0.43	2,490	254	2.35

WebCode	Data Flag	Sample K49 Lab Mean	Sample K49 Diff from Grand Mean	Sample K49 CPV	Sample K50 Lab Mean	Sample K50 Diff from Grand Mean	Sample K50 CPV
ZQJKXA		2,188	-37	-0.54	2,172	-65	-0.60

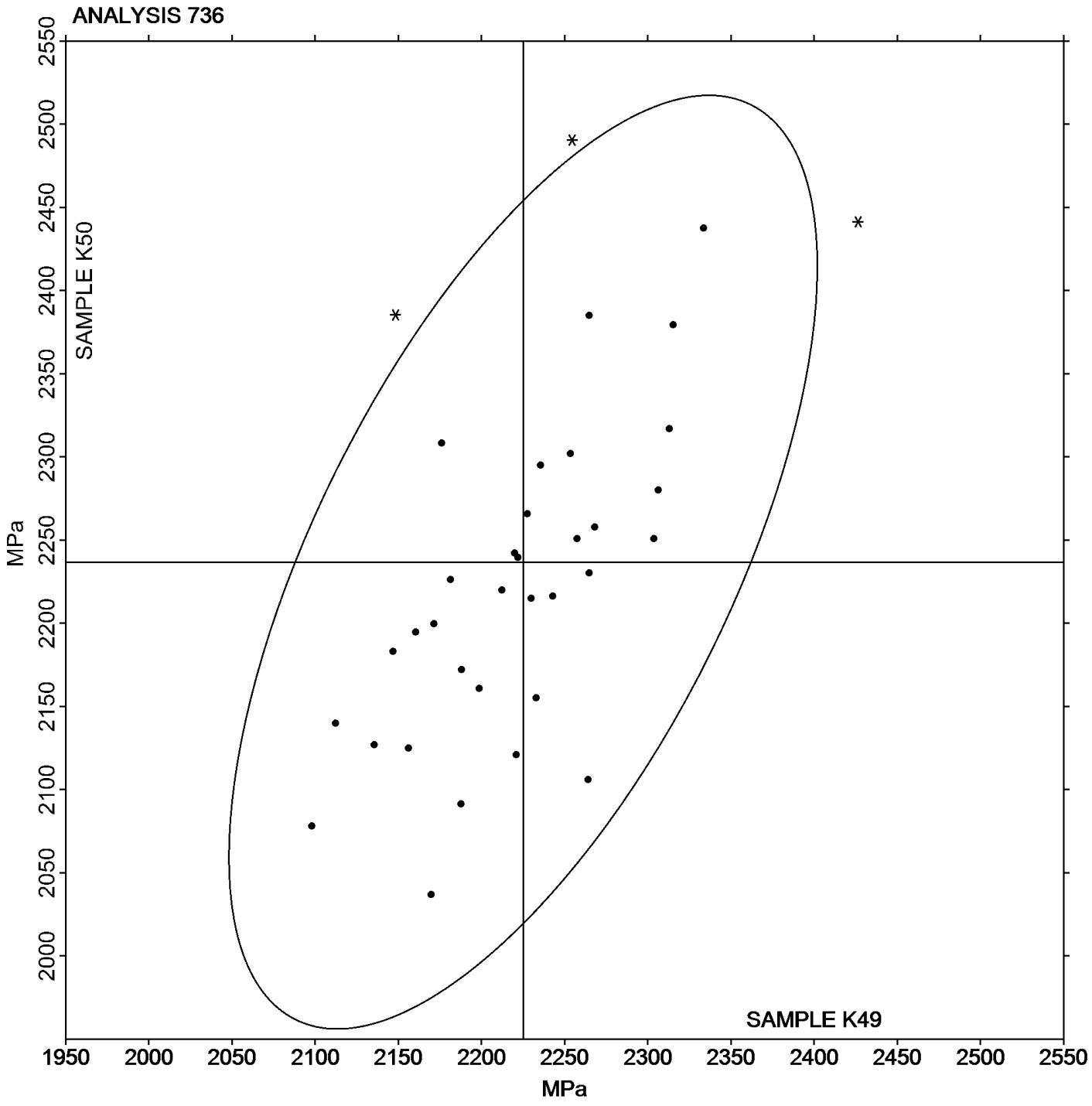
Summary Statistics

	Sample K49	Sample K50
Grand Means	2,225.0 MPa	2,236.8 MPa
Stnd Dev Btwn Labs	68.1 MPa	108.0 MPa

Statistics based on 36 of 36 reporting participants

Sample K49: HIPS & Sample K50: HIPS

Grand Mean Sample K49: 2,224.97 MPa Grand Mean Sample K50: 2,236.81 MPa



WebCode	Data Flag	Sample K49 Lab Mean	Sample K49 Diff from Grand Mean	Sample K49 CPV	Sample K50 Lab Mean	Sample K50 Diff from Grand Mean	Sample K50 CPV
2K8Z2N		42.78	-0.88	-0.91	38.54	-2.47	-1.56
2N8CYA		43.68	0.03	0.03	41.22	0.21	0.14
64Q9PT		44.71	1.05	1.10	42.64	1.64	1.03
7B4GRF		43.33	-0.32	-0.34	40.54	-0.47	-0.30
9CC9VG		43.94	0.29	0.30	41.44	0.43	0.27
9XBMGY		45.00	1.35	1.41	42.84	1.83	1.16
BKX8MY		43.33	-0.33	-0.34	39.90	-1.11	-0.70
CCUQ3J		44.13	0.48	0.50	39.59	-1.42	-0.89
EJUU6M		42.58	-1.07	-1.12	38.83	-2.17	-1.37
G29RU6		44.93	1.28	1.34	43.83	2.82	1.78
HU3MAY		42.02	-1.63	-1.70	39.46	-1.55	-0.98
JB6NMW		43.54	-0.12	-0.12	42.46	1.45	0.92
JE33AL		43.84	0.19	0.20	41.14	0.13	0.08
KEF2VH		45.54	1.89	1.97	42.94	1.93	1.22
KUBPM9		44.06	0.40	0.42	42.09	1.08	0.68
LBEBBN		43.80	0.15	0.16	41.00	-0.01	0.00
LLW2NZ	*	42.19	-1.46	-1.52	41.48	0.47	0.30
MKF8L6		41.90	-1.75	-1.83	38.80	-2.21	-1.39
MLPEMD		42.08	-1.57	-1.64	37.22	-3.79	-2.39
MX2RPY		43.83	0.17	0.18	40.72	-0.29	-0.18
NACJTY		42.85	-0.80	-0.83	40.27	-0.74	-0.47
NHLXRU		44.61	0.96	1.00	41.09	0.08	0.05
QEWBAQ		44.10	0.45	0.47	43.02	2.01	1.27
QWX7QN		43.79	0.14	0.15	41.15	0.14	0.09
RYHNYZ		42.92	-0.73	-0.77	40.28	-0.73	-0.46
UJYH3Q		43.73	0.08	0.08	41.56	0.55	0.35
UUEAQZ		44.86	1.21	1.26	42.08	1.07	0.68
VGVXZC		42.87	-0.78	-0.82	39.93	-1.08	-0.68
VZ2KD4		42.86	-0.79	-0.83	39.59	-1.42	-0.89
WZJ4JM		44.40	0.74	0.78	40.72	-0.29	-0.18
XG37TV		43.34	-0.31	-0.32	41.73	0.72	0.45
YFZVDJ	X	39.65	-4.00	-4.18	36.70	-4.31	-2.72
ZKRK9G		45.23	1.58	1.65	44.52	3.51	2.22
ZQJKXA		43.75	0.10	0.10	40.64	-0.37	-0.23

Summary Statistics	Sample K49	Sample K50
Grand Means	43.652 MPa	41.008 MPa
Stnd Dev Btwn Labs	0.957 MPa	1.584 MPa

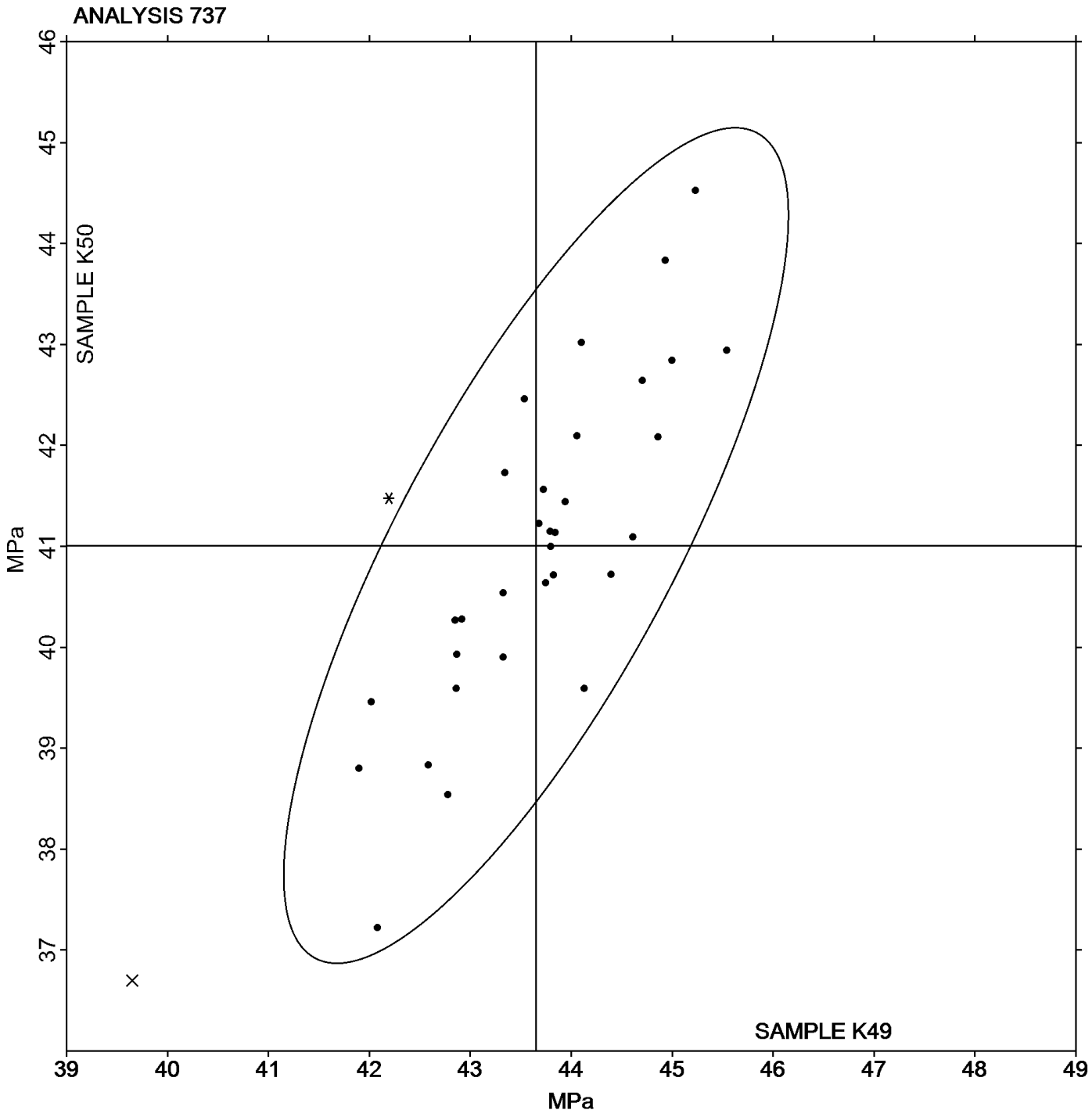
Statistics based on 33 of 34 reporting participants

Sample K49: HIPS & Sample K50: HIPS

Comments on Assigned Data Flags for Test #737

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

Grand Mean Sample K49: 43.652 MPa Grand Mean Sample K50: 41.008 MPa



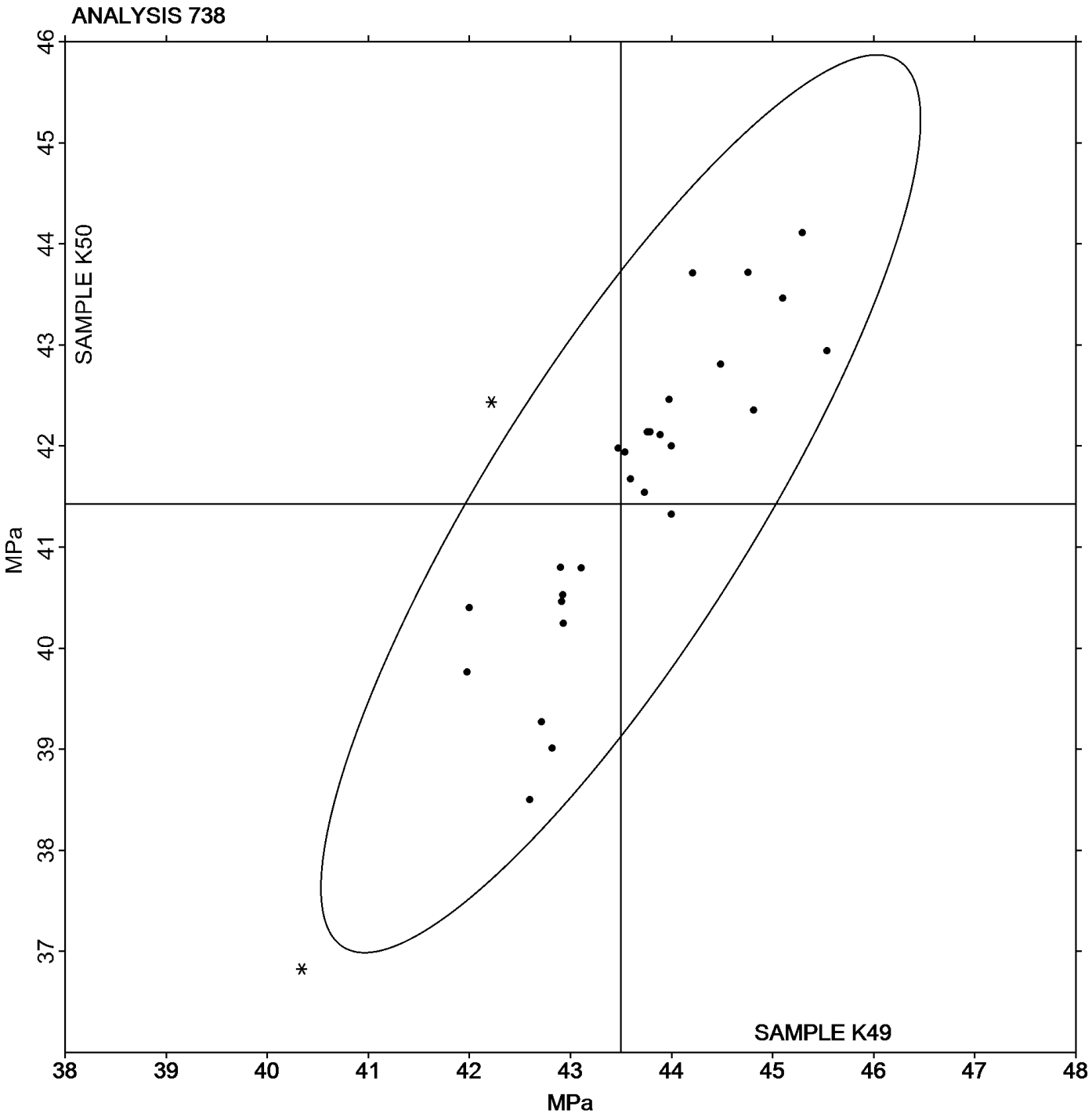
WebCode	Data Flag	Sample K49 Lab Mean	Sample K49 Diff from Grand Mean	Sample K49 CPV	Sample K50 Lab Mean	Sample K50 Diff from Grand Mean	Sample K50 CPV
2DQHRM	*	40.34	-3.16	-2.81	36.83	-4.60	-2.73
2K8Z2N		42.82	-0.68	-0.60	39.01	-2.42	-1.44
2N8CYA		43.79	0.29	0.26	42.14	0.71	0.42
64Q9PT		44.76	1.26	1.12	43.72	2.29	1.36
7B4GRF		43.59	0.10	0.09	41.67	0.24	0.14
9CC9VG		43.98	0.48	0.43	42.46	1.03	0.61
9XBMGY		45.29	1.80	1.60	44.11	2.68	1.59
BKX8MY		42.90	-0.59	-0.53	40.80	-0.63	-0.37
EJUU6M		42.71	-0.78	-0.70	39.27	-2.16	-1.28
HU3MAY		42.00	-1.50	-1.33	40.40	-1.03	-0.61
JE33AL		43.89	0.39	0.35	42.11	0.68	0.40
JNTQ6N		43.54	0.04	0.04	41.94	0.51	0.30
KEF2VH		45.54	2.04	1.82	42.94	1.51	0.90
KUBPM9		44.21	0.71	0.63	43.71	2.28	1.36
LBEBBN		44.00	0.50	0.45	42.00	0.57	0.34
LLW2NZ	*	42.22	-1.28	-1.14	42.44	1.01	0.60
MKF8L6		41.98	-1.52	-1.35	39.76	-1.67	-0.99
MLPEMD		42.60	-0.90	-0.80	38.50	-2.93	-1.74
NACJTY		42.91	-0.58	-0.52	40.46	-0.97	-0.57
NHLXRU		44.81	1.32	1.17	42.35	0.92	0.55
QWX7QN		44.00	0.50	0.45	41.32	-0.11	-0.06
RYHNYZ		43.11	-0.39	-0.34	40.79	-0.63	-0.38
UJYH3Q		43.76	0.26	0.23	42.14	0.71	0.42
UUEAQZ		45.10	1.60	1.43	43.46	2.03	1.21
VGVXZC		42.93	-0.57	-0.51	40.52	-0.90	-0.54
VZ2KD4		42.93	-0.57	-0.50	40.25	-1.18	-0.70
WZJ4JM		44.49	0.99	0.88	42.81	1.38	0.82
Z4KBE9		43.48	-0.02	-0.02	41.98	0.55	0.33
ZQJKXA		43.73	0.24	0.21	41.54	0.11	0.07

Summary Statistics	Sample K49	Sample K50
Grand Means	43.497 MPa	41.429 MPa
Stnd Dev Btwn Labs	1.124 MPa	1.684 MPa

Statistics based on 29 of 29 reporting participants

Sample K49: HIPS & Sample K50: HIPS

Grand Mean Sample K49: 43.497 MPa Grand Mean Sample K50: 41.429 MPa



		Sample X49			Sample X50			
WebCode	Data Flag	Lab Mean	Diff from Grand Mean	CPV	Lab Mean	Diff from Grand Mean	CPV	Instr Code
2DQHRM		7.53	-0.57	-1.72	7.53	-0.57	-1.78	DY
2K8Z2N		7.66	-0.44	-1.32	7.69	-0.40	-1.26	DY
3HB6U7		8.01	-0.09	-0.28	7.89	-0.20	-0.64	WZ
6EN4PA		7.95	-0.15	-0.46	8.03	-0.07	-0.22	TO
6F49LM		7.80	-0.30	-0.90	7.60	-0.49	-1.55	WZ
6YGW4E	X	11.40	3.30	9.93	11.58	3.49	10.90	TO
79L4JE		8.30	0.20	0.61	8.40	0.31	0.95	TO
7BJVZP		8.64	0.54	1.63	8.60	0.51	1.58	TO
7FXEEL		8.17	0.07	0.22	8.23	0.14	0.42	TO
84FCBZ		8.44	0.34	1.01	8.46	0.37	1.14	DY
8KUBND		8.40	0.30	0.91	8.55	0.46	1.42	TO
9K43TY		8.20	0.10	0.29	8.23	0.13	0.41	DY
9WCRLA		8.50	0.40	1.21	8.50	0.41	1.27	TO
9XBMGY		7.67	-0.43	-1.30	7.71	-0.39	-1.22	TO
A349L7		7.95	-0.15	-0.45	8.00	-0.09	-0.30	TO
B8QJ9A		8.40	0.30	0.91	8.30	0.21	0.64	TO
BKX8MY		8.30	0.20	0.61	8.25	0.16	0.49	TO
BQNGXW		8.34	0.24	0.73	8.23	0.13	0.41	WZ
BW72NP		7.94	-0.16	-0.48	7.96	-0.13	-0.42	XX
CCF34C	X	11.65	3.55	10.68	11.93	3.84	12.00	TO
CGT33P		8.67	0.57	1.70	8.59	0.50	1.55	RR
DUC3EA		7.65	-0.45	-1.35	7.80	-0.29	-0.92	TO
EJP9UZ		8.11	0.01	0.02	7.94	-0.16	-0.50	DY
EJUU6M		7.80	-0.30	-0.90	7.91	-0.18	-0.58	GO
ETZMK9		8.17	0.07	0.22	8.16	0.06	0.19	TO
F4BLLU		8.47	0.38	1.13	8.46	0.36	1.13	TO
F4WZA8		7.65	-0.45	-1.35	7.60	-0.49	-1.55	XX
F73E28		8.20	0.10	0.31	8.10	0.01	0.02	TY
FPXZR6		7.53	-0.57	-1.72	7.46	-0.64	-1.99	XX
G22YMF	X	10.30	2.20	6.62	10.42	2.33	7.27	CE
G29RU6		8.35	0.25	0.76	8.20	0.11	0.33	DY
GDHLWG		8.33	0.23	0.70	8.33	0.23	0.73	TO
GEP24M		7.89	-0.20	-0.61	7.85	-0.24	-0.76	TO
HVBW2V		8.35	0.25	0.75	8.31	0.22	0.67	TO
HVDKP2		7.60	-0.50	-1.49	7.73	-0.37	-1.15	QT

		Sample X49			Sample X50			
WebCode	Data Flag	Lab Mean	Diff from Grand Mean	CPV	Lab Mean	Diff from Grand Mean	CPV	Instr Code
HZK87J		8.07	-0.03	-0.10	8.11	0.01	0.03	TO
JB6NMW		8.27	0.17	0.52	8.23	0.14	0.42	DY
JE33AL		8.44	0.34	1.01	8.33	0.23	0.72	TO
JMTU9Y		8.20	0.10	0.31	8.25	0.16	0.49	DY
K28KK8		8.30	0.20	0.61	8.30	0.21	0.64	TO
K36VHV		8.10	0.00	0.01	8.10	0.01	0.02	CE
KBZN2M		7.76	-0.34	-1.01	7.68	-0.41	-1.29	CE
KEF2VH	*	7.93	-0.17	-0.51	8.23	0.14	0.42	TO
L2QQKW		8.00	-0.10	-0.30	8.10	0.01	0.02	TO
LBEBBN	X	0.14	-7.96	-23.93	0.14	-7.96	-24.89	TO
LEDXFC		7.85	-0.25	-0.75	7.67	-0.42	-1.33	XX
LLW2NZ		8.15	0.05	0.16	8.16	0.06	0.19	TO
LN3EJL		8.38	0.28	0.85	8.33	0.24	0.74	TO
M64QE3	X	1.32	-6.78	-20.39	1.32	-6.77	-21.20	DY
M7H36L		8.55	0.45	1.36	8.59	0.49	1.54	TO
MKF8L6		8.56	0.46	1.39	8.33	0.23	0.72	GO
MLPEMD		7.76	-0.34	-1.03	7.65	-0.44	-1.39	TO
MLR4QA		8.35	0.25	0.76	8.30	0.21	0.64	XX
MX2RPY		8.43	0.33	1.00	8.41	0.31	0.97	TO
N3R9XJ		8.00	-0.10	-0.30	8.00	-0.09	-0.30	XX
NHLXRU		8.08	-0.02	-0.05	8.10	0.00	0.00	GO
PG9P27		8.20	0.10	0.30	8.22	0.12	0.38	CE
PKNBWY		8.51	0.41	1.24	8.48	0.38	1.19	TO
PXBF4V		8.49	0.39	1.16	8.51	0.42	1.30	TO
QEWBAQ	X	8.01	-0.09	-0.27	8.36	0.27	0.84	DY
QWX7QN		7.69	-0.41	-1.23	7.89	-0.20	-0.64	TO
R4ATR4		7.90	-0.20	-0.60	7.95	-0.14	-0.45	KA
T7C4AP		7.90	-0.20	-0.60	8.10	0.01	0.02	DY
TKCPQT	X	7.52	-0.58	-1.74	7.97	-0.12	-0.39	TM
TU47J4	*	7.15	-0.95	-2.85	7.22	-0.88	-2.75	TO
UJYH3Q		8.24	0.14	0.43	8.30	0.20	0.63	TY
UVVHZN		8.60	0.50	1.51	8.60	0.51	1.58	TO
VGBGKA		8.15	0.05	0.14	8.04	-0.06	-0.19	TO
VJVFQR		7.84	-0.26	-0.79	7.83	-0.26	-0.83	TO
VZ2KD4		8.04	-0.06	-0.19	8.01	-0.09	-0.28	WZ

WebCode	Data Flag	Sample X49 Lab Mean	Sample X49 Diff from Grand Mean	Sample X49 CPV	Sample X50 Lab Mean	Sample X50 Diff from Grand Mean	Sample X50 CPV	Instr Code
W4GH8C		8.30	0.20	0.61	8.35	0.26	0.80	TO
WPFVWA	*	7.21	-0.89	-2.67	7.36	-0.73	-2.30	CE
WZJ4JM		8.21	0.11	0.34	8.15	0.06	0.17	DY
XVJWW4	*	8.18	0.08	0.25	7.87	-0.22	-0.70	TO
YC8MDH		8.35	0.25	0.76	8.40	0.31	0.95	TO
YKDNDA	X	9.65	1.55	4.67	8.00	-0.09	-0.30	WZ
YWTG2J		8.18	0.08	0.25	8.32	0.23	0.70	TO
Z4KBE9		7.51	-0.59	-1.77	7.58	-0.51	-1.61	TO
ZKRK9G		8.24	0.14	0.42	8.24	0.14	0.44	DY
ZL8G32		8.10	0.00	-0.01	8.04	-0.06	-0.18	TO

Summary Statistics

	Sample X49	Sample X50
Grand Means	8.098 grams/10 mins	8.095 grams/10 mins
Stnd Dev Btwn Labs	0.333 grams/10 mins	0.320 grams/10 mins

Statistics based on 72 of 80 reporting participants

Sample X49: HDPE & Sample X50: HDPE

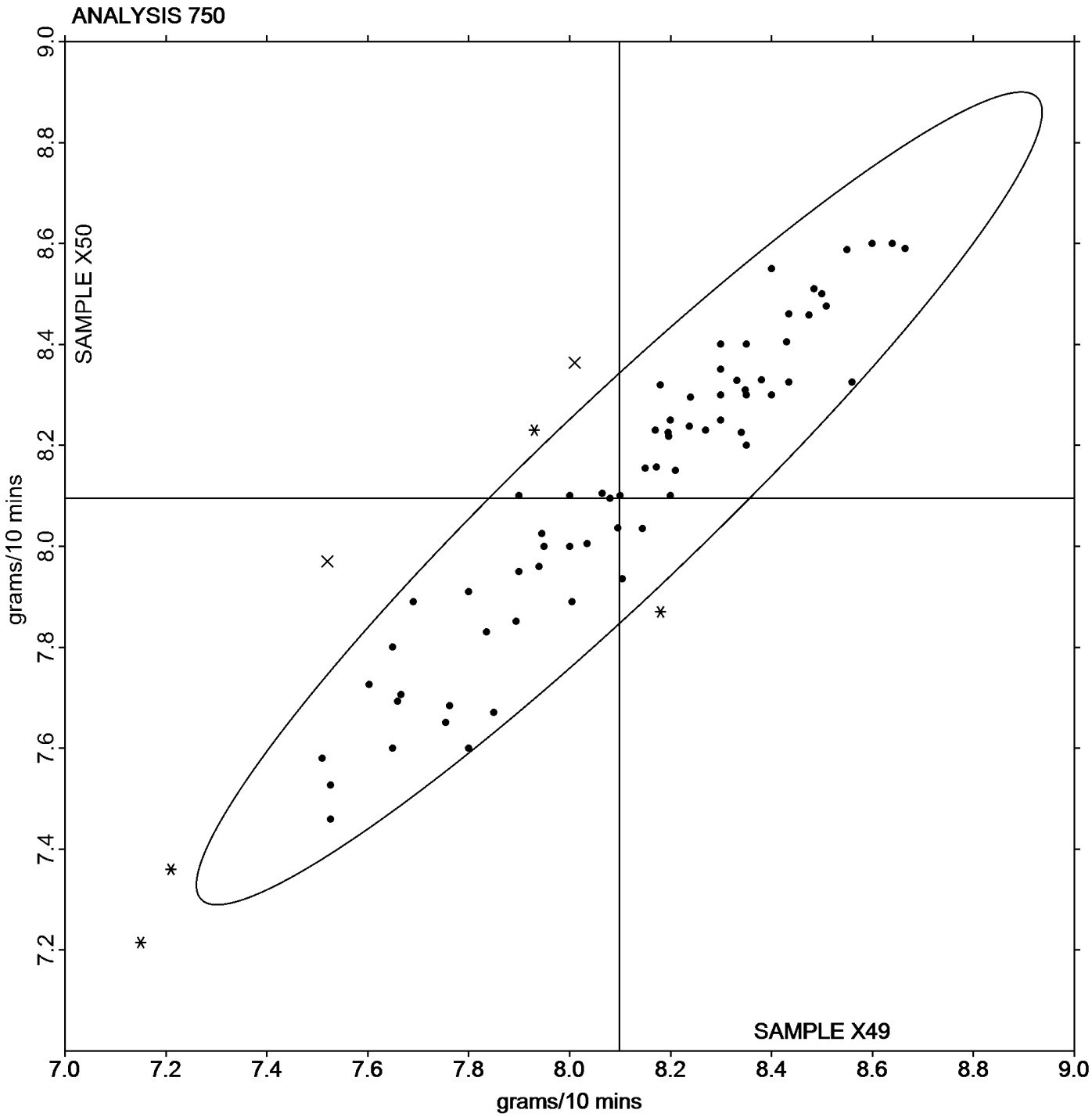
Comments on Assigned Data Flags for Test #750

6YGW4E (X) - Data for both samples are very high.
LBEBBN (X) - Extreme data.
YKDNDA (X) - Inconsistent in testing between samples. Data for sample X49 are high.
QEWBAQ (X) - Inconsistent in testing between samples.
M64QE3 (X) - Extreme data.
CCF34C (X) - Data for both samples are very high.
TKCPQT (X) - Inconsistent in testing between samples.
G22YMF (X) - Data for both samples are high. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample X49: 8.0982 grams/10 mins Grand Mean Sample X50: 8.0949 grams/10 mins



WebCode	Data Flag	Sample Y49 Lab Mean	Sample Y49 Diff from Grand Mean	Sample Y49 CPV	Sample Y50 Lab Mean	Sample Y50 Diff from Grand Mean	Sample Y50 CPV	Instr Code
4EQE6M		0.01123	-0.00763	-0.50	0.01497	-0.00628	-0.40	MU
4ZRLHK		0.01627	-0.00260	-0.17	0.01937	-0.00188	-0.12	MK
6F49LM		0.01033	-0.00853	-0.56	0.01500	-0.00625	-0.40	MJ
6YGW4E		0.00810	-0.01076	-0.70	0.00813	-0.01311	-0.84	AZ
84FCBZ		0.01040	-0.00846	-0.55	0.00970	-0.01155	-0.74	MS
8KUBND	X	0.14467	0.12580	8.20	0.14667	0.12542	8.00	SA
8XW26B		0.00000	-0.01886	-1.23	0.00000	-0.02124	-1.36	CS
9K43TY		0.01007	-0.00880	-0.57	0.00957	-0.01168	-0.75	AZ
B7H7Q9	X	0.05733	0.03847	2.51	0.04633	0.02509	1.60	AZ
B8QJ9A		0.05000	0.03114	2.03	0.05333	0.03209	2.05	ML
EJP9UZ	*	0.05900	0.04014	2.62	0.06000	0.03875	2.47	MB
FL9UVL	X	0.06107	0.04220	2.75	0.04953	0.02829	1.81	MT
G29RU6		0.01543	-0.00343	-0.22	0.01360	-0.00765	-0.49	MR
GEP24M		0.00467	-0.01420	-0.93	0.00667	-0.01458	-0.93	CT
HZK87J		0.00657	-0.01230	-0.80	0.00843	-0.01281	-0.82	MR
JB6NMW	*	0.06700	0.04814	3.14	0.07000	0.04875	3.11	MB
JMTU9Y		0.03667	0.01780	1.16	0.04333	0.02209	1.41	AZ
KUBPM9		0.01362	-0.00525	-0.34	0.01460	-0.00665	-0.42	MK
LBEBBN		0.00767	-0.01120	-0.73	0.00933	-0.01191	-0.76	MK
LGGQDH		0.00907	-0.00980	-0.64	0.01370	-0.00755	-0.48	AZ
LLW2NZ		0.01700	-0.00186	-0.12	0.01673	-0.00451	-0.29	MU
MLPEMD		0.03000	0.01114	0.73	0.02700	0.00575	0.37	AZ
MX2RPY		0.01880	-0.00006	0.00	0.02395	0.00270	0.17	ML
N3R9XJ		0.01957	0.00070	0.05	0.02613	0.00489	0.31	XX
NACJTY		0.01100	-0.00786	-0.51	0.01900	-0.00225	-0.14	MK
QWX7QN		0.01490	-0.00396	-0.26	0.01570	-0.00555	-0.35	MS
RYHNYZ	X	0.01300	-0.00586	-0.38	0.03300	0.01175	0.75	AZ
V43HT3		0.01200	-0.00686	-0.45	0.01367	-0.00758	-0.48	ML
VJVFQR		0.01347	-0.00540	-0.35	0.01767	-0.00358	-0.23	AZ
W36RX9		0.01167	-0.00720	-0.47	0.01310	-0.00815	-0.52	ML
WPFVWA		0.01480	-0.00406	-0.26	0.01677	-0.00448	-0.29	MU
YQ6YLM		0.01219	-0.00667	-0.43	0.01781	-0.00344	-0.22	MJ
YWTG2J		0.03080	0.01194	0.78	0.03000	0.00875	0.56	MU
ZCF7NY		0.01166	-0.00720	-0.47	0.01459	-0.00665	-0.42	MU
ZHMU78		0.01967	0.00080	0.05	0.02500	0.00375	0.24	CS

WebCode	Data Flag	Sample Y49 Lab Mean	Sample Y49 Diff from Grand Mean	Sample Y49 CPV	Sample Y50 Lab Mean	Sample Y50 Diff from Grand Mean	Sample Y50 CPV	Instr Code
ZKRK9G		0.03000	0.01114	0.73	0.03300	0.01175	0.75	CT

Summary Statistics

	Sample Y49	Sample Y50
Grand Means	0.018863 Percent	0.021245 Percent
Stnd Dev Btwn Labs	0.015345 Percent	0.015670 Percent

Statistics based on 32 of 36 reporting participants

Sample Y49: HIPS & Sample Y50: HIPS

Comments on Assigned Data Flags for Test #755

8KUBND (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

B7H7Q9 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample Y49.

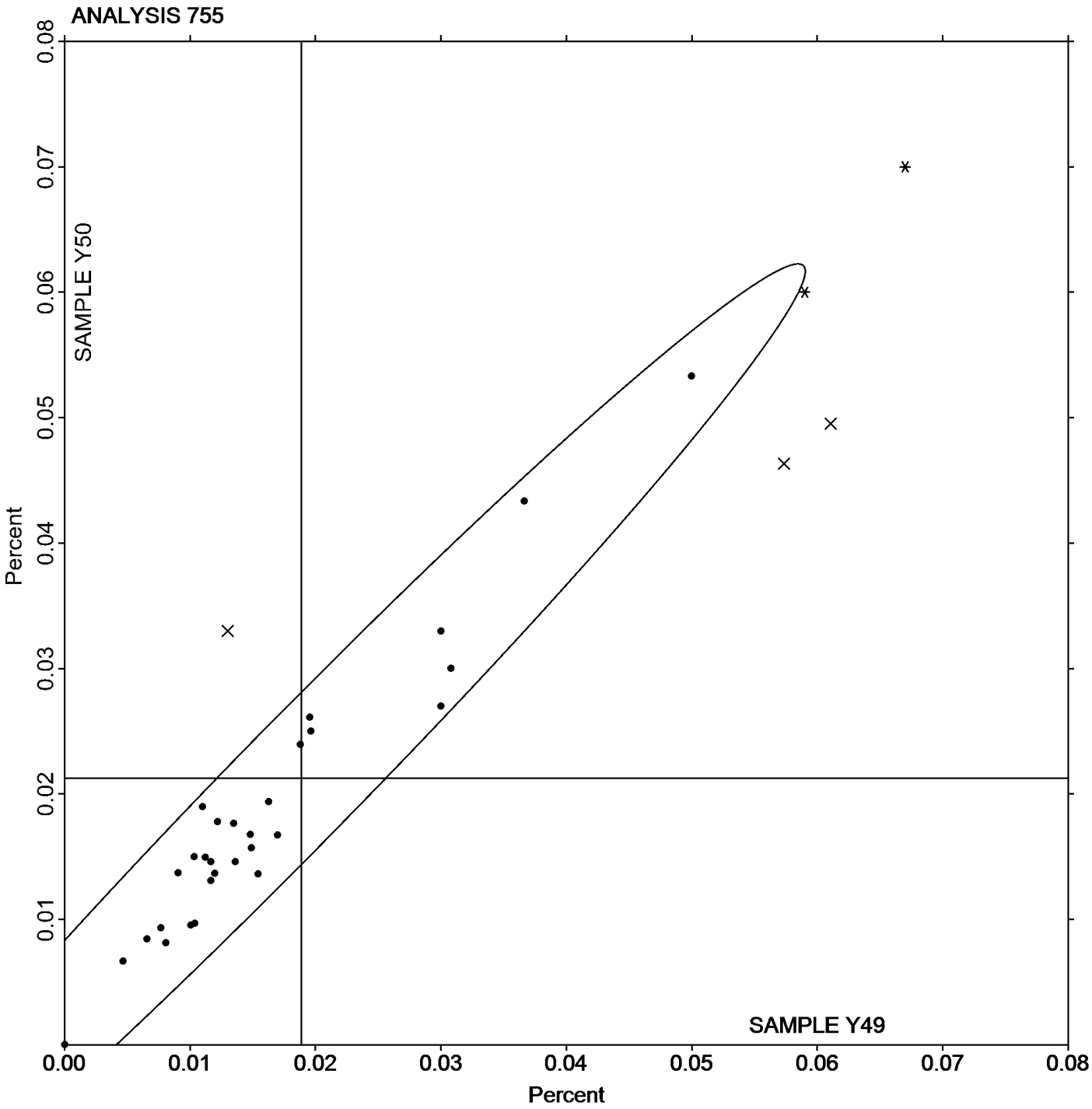
RYHNYZ (X) - Inconsistent in testing between samples.

FL9UVL (X) - Inconsistent in testing between samples. Data for sample Y49 are high.

Key to Instrument Codes Reported by Participants

AZ	Arizona Instruments Moisture Analyzer	CS	Cosa Instruments
CT	Computrac Moisture Analyzer	MB	Omnimark Mark 3
MJ	Mitsubishi KF Analyzer Series	MK	Mitsubishi KF Analyzer CA
ML	Metrohm Coulometer	MR	Metrohm Coulineter 756 KF
MS	Metrohm Coulometer 831 KF	MT	Mettler Toledo DL39
MU	Mettler Toledo	SA	Sartorius MA30
XX	Instrument manufacturer not specified by lab		

Grand Mean Sample Y49: 0.01886 Percent Grand Mean Sample Y50: 0.02125 Percent



WebCode	Data Flag	Sample L49 Lab Mean	Sample L49 Diff from Grand Mean	Sample L49 CPV	Sample L50 Lab Mean	Sample L50 Diff from Grand Mean	Sample L50 CPV
3HB6U7		19.768	0.009	0.18	19.791	0.021	0.45
4ZRLHK		19.765	0.006	0.11	19.745	-0.025	-0.55
6AVVPA		19.775	0.016	0.30	19.785	0.015	0.32
6F49LM		19.780	0.021	0.40	19.780	0.010	0.21
6YGW4E	X	19.565	-0.194	-3.73	19.735	-0.035	-0.77
7B4GRF		19.735	-0.024	-0.47	19.755	-0.015	-0.33
84FCBZ		19.685	-0.074	-1.43	19.720	-0.050	-1.09
8KUBND		19.810	0.051	0.97	19.785	0.015	0.32
9XBMGY		19.715	-0.044	-0.85	19.790	0.020	0.42
B7H7Q9	X	93.635	73.876	1,417.86	84.205	64.435	1,393.28
BW72NP		19.740	-0.019	-0.37	19.805	0.035	0.75
CCF34C	X	19.650	-0.109	-2.10	19.600	-0.170	-3.68
EJP9UZ		19.800	0.041	0.78	19.790	0.020	0.42
F4WZA8		19.750	-0.009	-0.18	19.790	0.020	0.42
F8W7QY		19.795	0.036	0.69	19.765	-0.005	-0.12
FL9UVL		19.803	0.044	0.84	19.806	0.036	0.77
FPXZR6	*	19.624	-0.135	-2.60	19.639	-0.131	-2.84
FX6Q3U		19.780	0.021	0.40	19.795	0.025	0.53
GEP24M		19.745	-0.014	-0.27	19.680	-0.090	-1.95
HU3MAY		19.725	-0.034	-0.66	19.770	0.000	-0.01
HZK87J		19.815	0.056	1.07	19.825	0.055	1.18
JB6NMW		19.755	-0.004	-0.08	19.745	-0.025	-0.55
JE33AL		19.745	-0.014	-0.27	19.840	0.070	1.51
JMTU9Y	*	19.625	-0.134	-2.58	19.660	-0.110	-2.39
K28KK8		19.780	0.021	0.40	19.770	0.000	-0.01
KZXBWF		19.797	0.038	0.72	19.771	0.001	0.01
LBEBBN	X	19.815	0.056	1.07	19.400	-0.370	-8.01
LEDXFC		19.680	-0.079	-1.52	19.690	-0.080	-1.74
LLW2NZ		19.780	0.021	0.40	19.820	0.050	1.07
M7DVUC		19.820	0.061	1.17	19.840	0.070	1.51
M7H36L		19.828	0.069	1.32	19.777	0.006	0.14
MKF8L6		19.780	0.021	0.40	19.795	0.025	0.53
MLPEMD		19.777	0.018	0.34	19.856	0.086	1.85
MX2RPY		19.780	0.021	0.40	19.785	0.015	0.32
N3R9XJ	X	19.560	-0.199	-3.82	19.730	-0.040	-0.87

WebCode	Data Flag	Sample L49 Lab Mean	Sample L49 Diff from Grand Mean	Sample L49 CPV	Sample L50 Lab Mean	Sample L50 Diff from Grand Mean	Sample L50 CPV
NACJTY		19.821	0.061	1.18	19.784	0.013	0.28
NFEHH3		19.770	0.011	0.21	19.740	-0.030	-0.66
NHLXRU	X	20.045	0.286	5.48	20.045	0.275	5.94
PKNBWY		19.786	0.026	0.51	19.797	0.026	0.56
PY79TM		19.735	-0.024	-0.47	19.795	0.025	0.53
QC6G4A	X	19.685	-0.074	-1.43	19.345	-0.425	-9.20
QEWBAQ		19.795	0.036	0.69	19.780	0.010	0.21
QVJNNJ		19.770	0.011	0.21	19.800	0.030	0.64
QWX7QN	*	19.860	0.101	1.93	19.760	-0.010	-0.22
RQLNLT	X	35.295	15.536	298.17	35.230	15.460	334.29
RYHNYZ	X	19.250	-0.509	-9.77	19.150	-0.620	-13.41
TXZUV6		19.685	-0.074	-1.43	19.730	-0.040	-0.87
UB87XP		19.645	-0.114	-2.19	19.725	-0.045	-0.98
VDPJ7R		19.769	0.009	0.18	19.774	0.003	0.07
WPFVWA		19.710	-0.049	-0.95	19.690	-0.080	-1.74
WZJ4JM		19.820	0.061	1.17	19.790	0.020	0.42
XVJWW4		19.749	-0.011	-0.21	19.754	-0.016	-0.35
YWTG2J		19.795	0.036	0.69	19.805	0.035	0.75
Z4KBE9		19.755	-0.004	-0.08	19.820	0.050	1.07
ZKRK9G		19.705	-0.054	-1.04	19.730	-0.040	-0.87

Summary Statistics

	Sample L49	Sample L50
Grand Means	19.7593 Percent	19.7704 Percent
Stnd Dev Btwn Labs	0.0521 Percent	0.0462 Percent

Statistics based on 46 of 55 reporting participants

Sample L49: PP & Sample L50: PP

Comments on Assigned Data Flags for Test #757

6YGW4E (X) - Data for sample L49 are low.

B7H7Q9 (X) - Extreme data.

LBEBBN (X) - Data for sample L50 are low. Inconsistent within the determinations of sample L50.

RYHNYZ (X) - Data for both samples are very low.

RQLNLT (X) - Extreme data.

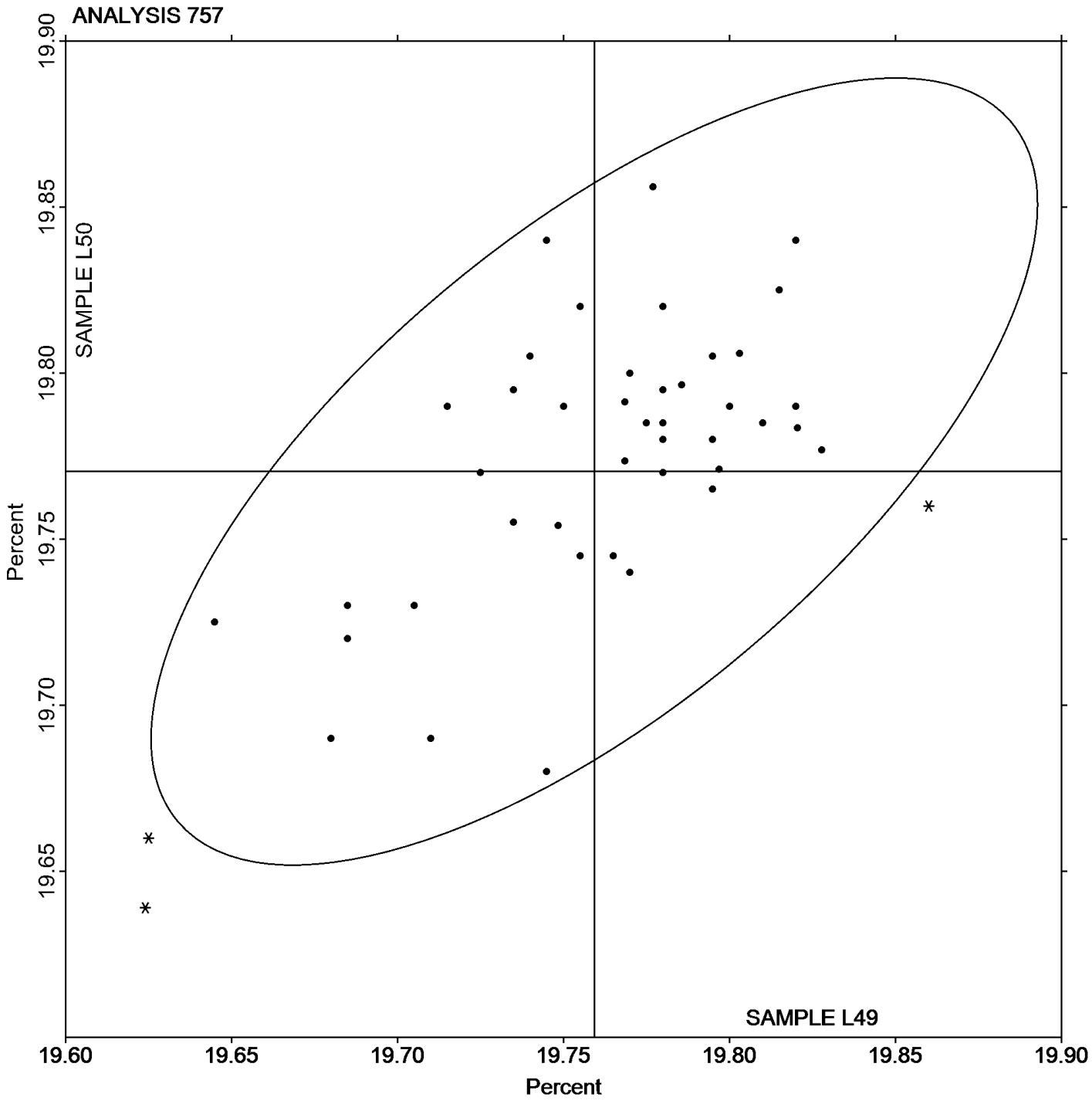
NHLXRU (X) - Data for both samples are high.

CCF34C (X) - Data for sample L50 are low. Inconsistent within the determinations of both samples.

N3R9XJ (X) - Data for sample L49 are low. Inconsistent within the determinations of sample L49.

QC6G4A (X) - Data for sample L50 are low.

Grand Mean Sample L49: 19.759 Percent Grand Mean Sample L50: 19.770 Percent



WebCode	Data Flag	Sample W49 Lab Mean	Sample W49 Diff from Grand Mean	Sample W49 CPV	Sample W50 Lab Mean	Sample W50 Diff from Grand Mean	Sample W50 CPV	Instr Code
29HABH		121.67	0.06	0.01	120.80	-0.28	-0.06	PE
2DQHRM		113.59	-8.02	-1.84	113.64	-7.44	-1.74	TA
3NKZXF		119.40	-2.21	-0.51	119.00	-2.08	-0.49	XX
44BP7G		125.53	3.92	0.90	123.47	2.39	0.56	XX
6F49LM		125.17	3.56	0.82	124.63	3.56	0.83	TA
7NXPWC		126.72	5.11	1.17	126.64	5.57	1.30	TA
9XBMGY		112.71	-8.90	-2.04	112.28	-8.80	-2.05	TA
A349L7		125.67	4.06	0.93	124.51	3.43	0.80	TA
EJUU6M		119.40	-2.21	-0.51	117.67	-3.41	-0.80	TA
F73E28		126.50	4.89	1.12	125.23	4.15	0.97	TA
FPXZR6		121.91	0.30	0.07	120.43	-0.65	-0.15	TA
FV2ZXZ		127.22	5.61	1.29	126.60	5.52	1.29	TA
LEDXFC		121.67	0.06	0.01	122.12	1.04	0.24	TA
LLW2NZ		114.63	-6.98	-1.60	113.53	-7.54	-1.76	PE
ME8ZND		122.35	0.74	0.17	122.94	1.86	0.43	PE
MKF8L6		124.53	2.92	0.67	125.10	4.02	0.94	TA
NACJTY		121.63	0.02	0.01	120.47	-0.61	-0.14	TA
NFEHH3		123.67	2.06	0.47	122.47	1.39	0.32	TA
PCTFQN		121.31	-0.30	-0.07	121.85	0.78	0.18	TA
QC6G4A		116.33	-5.28	-1.21	116.48	-4.60	-1.07	PE
VJVFQR		118.11	-3.50	-0.80	118.45	-2.63	-0.61	MT
YC8MDH		125.67	4.06	0.93	125.40	4.32	1.01	TA

Summary Statistics

	Sample W49	Sample W50
Grand Means	121.609 Degrees Celsius	121.077 Degrees Celsius
Stnd Dev Btwn Labs	4.354 Degrees Celsius	4.283 Degrees Celsius

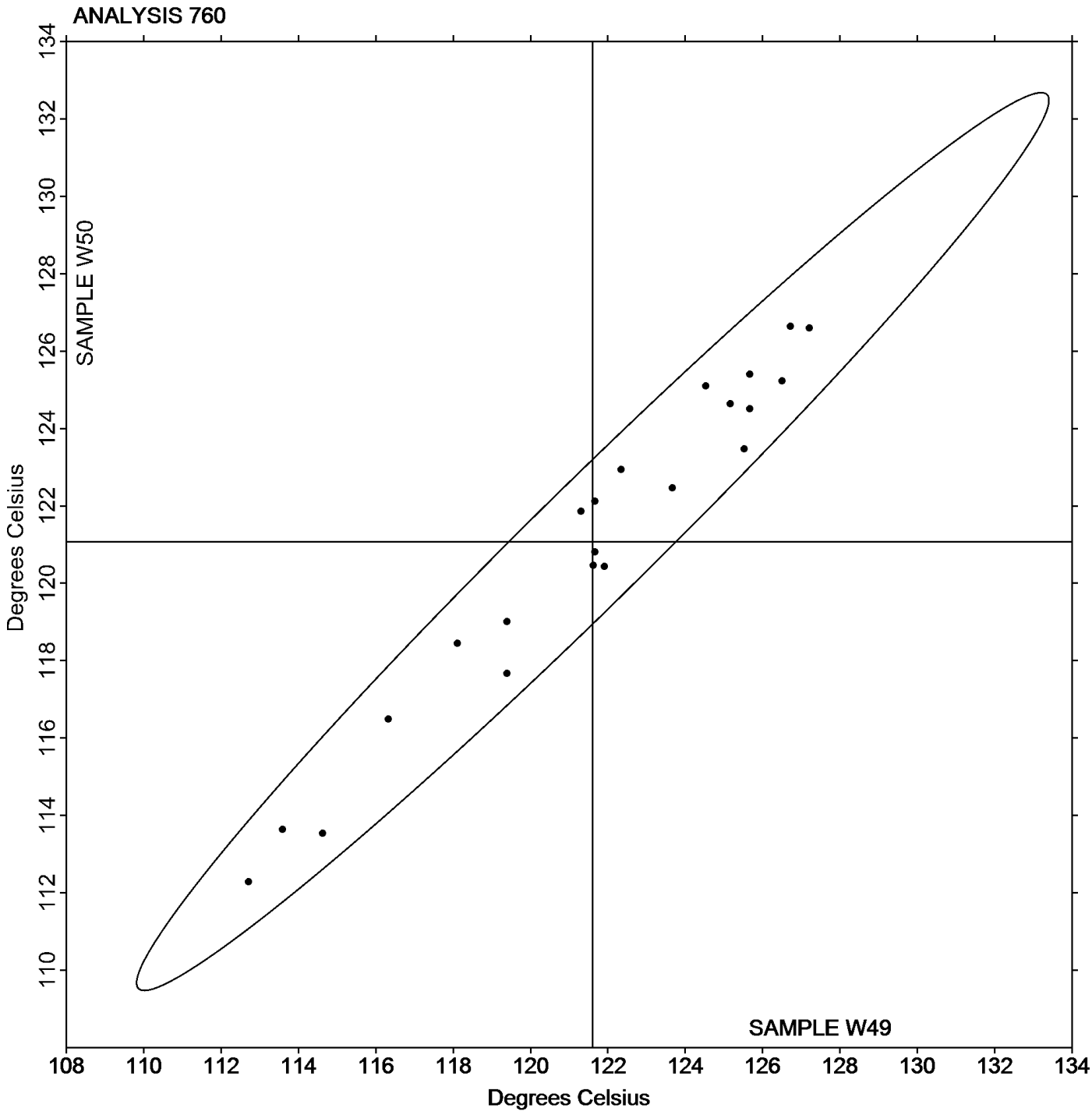
Statistics based on 22 of 22 reporting participants

Sample W49: PP & Sample W50: PP

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W49: 121.61 Degrees Celsius Grand Mean Sample W50: 121.08 Degrees Celsius



WebCode	Data Flag	Sample W49 Lab Mean	Sample W49 Diff from Grand Mean	Sample W49 CPV	Sample W50 Lab Mean	Sample W50 Diff from Grand Mean	Sample W50 CPV	Instr Code
29HABH		168.93	3.79	2.33	168.73	3.57	2.03	PE
2DQHRM		165.03	-0.12	-0.07	164.81	-0.36	-0.20	TA
3NKZXF		165.63	0.49	0.30	166.10	0.93	0.53	XX
6F49LM		164.00	-1.15	-0.71	165.10	-0.07	-0.04	TA
7NXPWC		163.53	-1.61	-0.99	163.74	-1.42	-0.81	TA
9XBMGY		166.17	1.02	0.63	166.55	1.39	0.79	TA
A349L7		163.39	-1.76	-1.08	163.24	-1.93	-1.10	TA
EJUU6M		162.13	-3.01	-1.85	161.80	-3.37	-1.92	TA
F73E28		163.80	-1.34	-0.83	163.62	-1.54	-0.88	TA
FPXZR6		166.62	1.47	0.90	167.71	2.54	1.45	XX
FV2ZXZ		165.83	0.69	0.42	166.00	0.84	0.48	TA
KUBPM9		163.24	-1.91	-1.17	163.13	-2.04	-1.16	MT
LEDXFC		165.16	0.02	0.01	164.45	-0.72	-0.41	XX
LLW2NZ		165.57	0.42	0.26	165.13	-0.03	-0.02	PE
ME8ZND		167.50	2.36	1.45	166.58	1.42	0.81	PE
MKF8L6		164.53	-0.61	-0.38	164.27	-0.90	-0.51	TA
NACJTY		167.27	2.12	1.30	167.90	2.73	1.56	TA
NFEHH3		165.87	0.72	0.44	166.67	1.50	0.86	TA
PCTFQN		166.07	0.92	0.57	166.03	0.86	0.49	TA
PKNBWY		165.75	0.61	0.37	165.71	0.54	0.31	TA
QC6G4A		163.16	-1.98	-1.22	162.87	-2.29	-1.31	PE
VJVFQR		165.44	0.30	0.18	164.89	-0.28	-0.16	MT
YC8MDH		163.73	-1.41	-0.87	163.77	-1.40	-0.80	TA

Summary Statistics

	Sample W49	Sample W50
Grand Means	165.147 Degrees Celsius	165.165 Degrees Celsius
Stnd Dev Btwn Labs	1.626 Degrees Celsius	1.755 Degrees Celsius

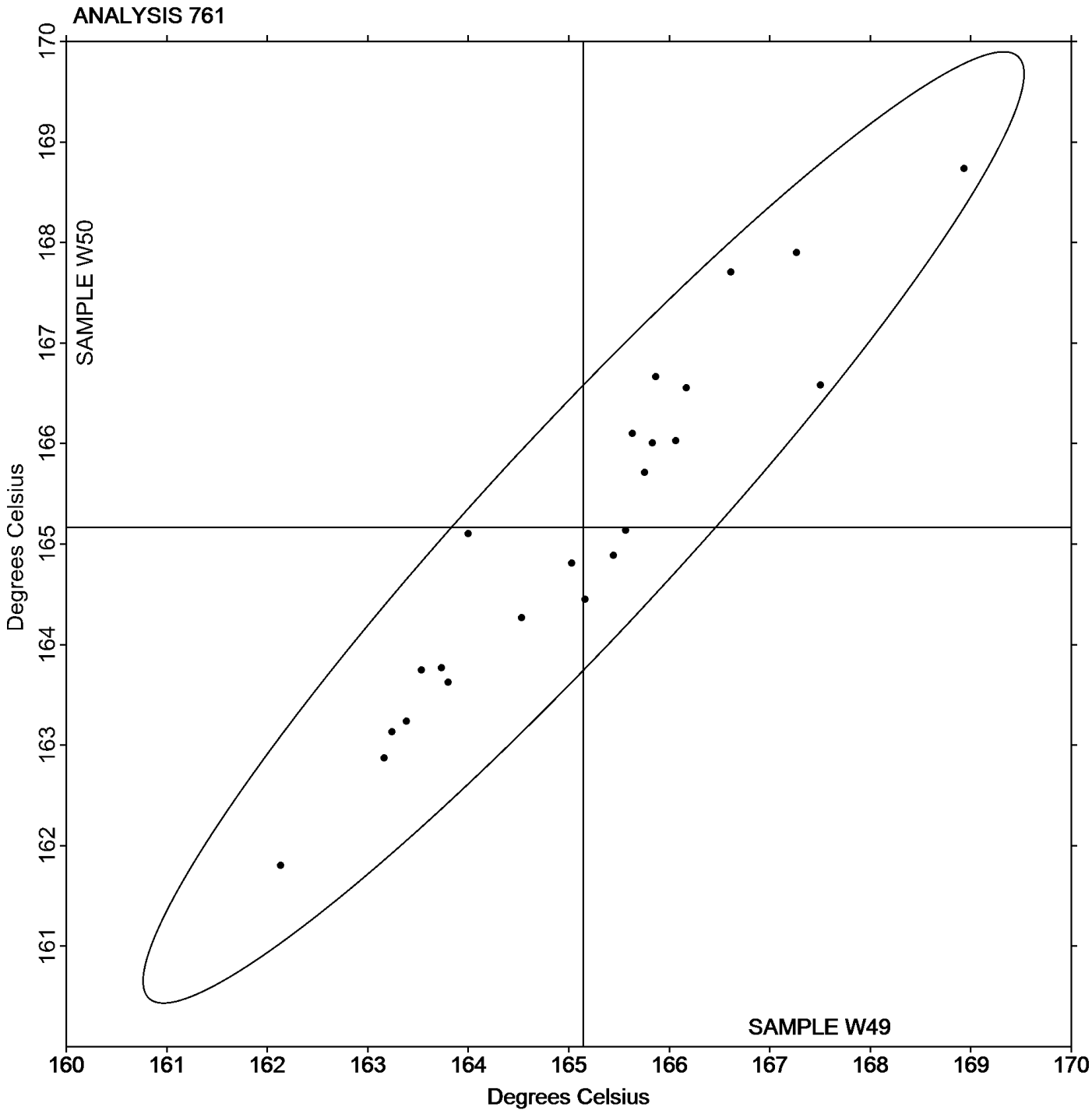
Statistics based on 23 of 23 reporting participants

Sample W49: PP & Sample W50: PP

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W49: 165.15 Degrees Celsius Grand Mean Sample W50: 165.17 Degrees Celsius



WebCode	Data Flag	Sample W49 Lab Mean	Sample W49 Diff from Grand Mean	Sample W49 CPV	Sample W50 Lab Mean	Sample W50 Diff from Grand Mean	Sample W50 CPV	Instr Code
29HABH		110.54	6.11	0.64	112.56	8.23	0.97	PE
2DQHRM	*	86.79	-17.64	-1.84	100.40	-3.92	-0.46	TA
3NKZXF		98.17	-6.26	-0.65	99.19	-5.13	-0.61	XX
6F49LM		101.48	-2.95	-0.31	100.37	-3.95	-0.47	TA
7NXPWC		114.87	10.44	1.09	113.93	9.61	1.14	TA
9XBMGY		92.36	-12.06	-1.26	90.82	-13.50	-1.60	TA
A349L7		106.43	2.01	0.21	99.48	-4.85	-0.57	TA
EJUU6M		101.03	-3.39	-0.35	104.23	-0.09	-0.01	TA
F73E28		95.14	-9.28	-0.97	98.13	-6.19	-0.73	TA
FV2ZXZ		105.73	1.31	0.14	101.68	-2.64	-0.31	TA
LLW2NZ		104.60	0.17	0.02	104.35	0.03	0.00	PE
ME8ZND	X	-118.92	-223.35	-23.36	-123.89	-228.22	-27.03	PE
MKF8L6		104.93	0.51	0.05	104.53	0.21	0.02	TA
NACJTY		109.17	4.74	0.50	104.20	-0.12	-0.01	TA
NFEHH3		128.33	23.90	2.50	127.96	23.63	2.80	XX
PCTFQN		102.43	-1.99	-0.21	99.12	-5.20	-0.62	TA
YC8MDH		108.80	4.37	0.46	108.23	3.91	0.46	TA

Summary Statistics

	Sample W49	Sample W50
Grand Means	104.426 Joules Per Gram	104.324 Joules Per Gram
Stnd Dev Btwn Labs	9.561 Joules Per Gram	8.444 Joules Per Gram

Statistics based on 16 of 17 reporting participants

Sample W49: PP & Sample W50: PP

Comments on Assigned Data Flags for Test #762

ME8ZND (X) - Extreme data.

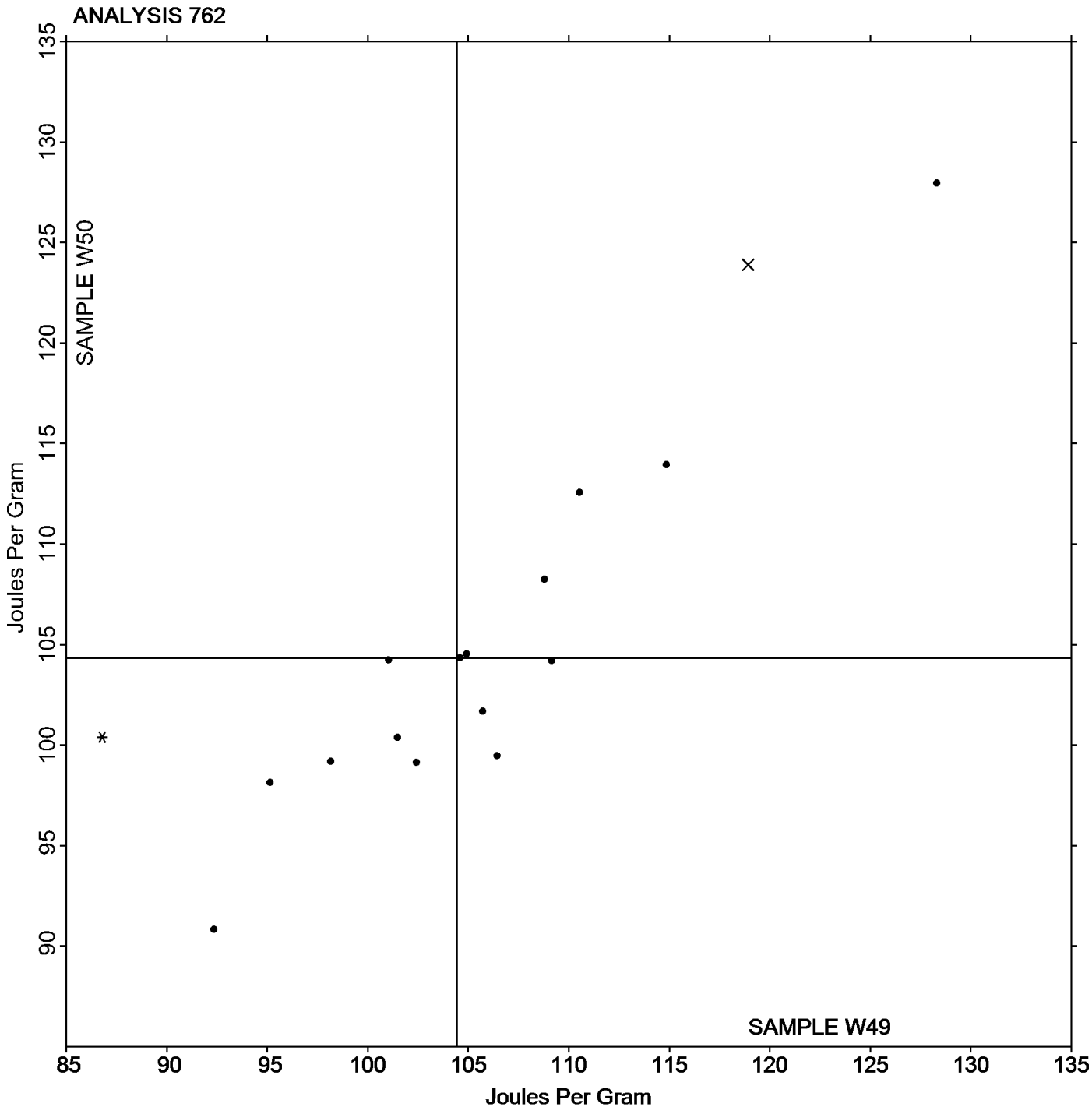
Key to Instrument Codes Reported by Participants

PE Perkins Elmer Instruments

TA TA Instruments

XX Instrument manufacturer not specified by lab

Grand Mean Sample W49: 104.43 Joules Per Gram Grand Mean Sample W50: 104.32 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 W49 Lab Mean	Sample W49 Diff from Grand Mean	Sample W49 CPV	Sample W50 Lab Mean	Sample W50 Diff from Grand Mean	Sample W50 CPV	Instr Code
29HABH		106.99	4.48	0.26	108.21	6.45	0.39	PE
2DQHRM	*	72.77	-29.74	-1.74	89.35	-12.41	-0.74	TA
3NKZXF		93.99	-8.52	-0.50	94.02	-7.74	-0.46	XX
6F49LM		101.56	-0.94	-0.06	99.63	-2.13	-0.13	TA
7NXPWC		104.53	2.03	0.12	104.43	2.68	0.16	TA
9XBMGY		88.45	-14.06	-0.82	87.86	-13.89	-0.83	TA
A349L7		102.77	0.26	0.02	91.05	-10.71	-0.64	TA
EJUU6M		101.90	-0.61	-0.04	104.57	2.81	0.17	TA
F73E28		84.35	-18.16	-1.06	82.43	-19.32	-1.15	TA
FV2ZXZ		107.10	4.59	0.27	103.50	1.74	0.10	TA
LLW2NZ		90.67	-11.84	-0.69	87.25	-14.51	-0.87	XX
ME8ZND		119.40	16.89	0.99	123.94	22.18	1.33	PE
MKF8L6		111.67	9.16	0.54	108.37	6.61	0.39	TA
NACJTY		105.49	2.99	0.17	100.87	-0.89	-0.05	TA
NFEHH3	*	151.12	48.61	2.85	150.71	48.95	2.92	XX
PCTFQN		88.87	-13.64	-0.80	83.96	-17.80	-1.06	TA
YC8MDH		111.00	8.49	0.50	109.73	7.98	0.48	TA

Summary Statistics

	Sample W49	Sample W50
Grand Means	102.507 Joules Per Gram	101.757 Joules Per Gram
Stnd Dev Btwn Labs	17.085 Joules Per Gram	16.738 Joules Per Gram

Statistics based on 17 of 17 reporting participants

Sample W49: PP & Sample W50: PP

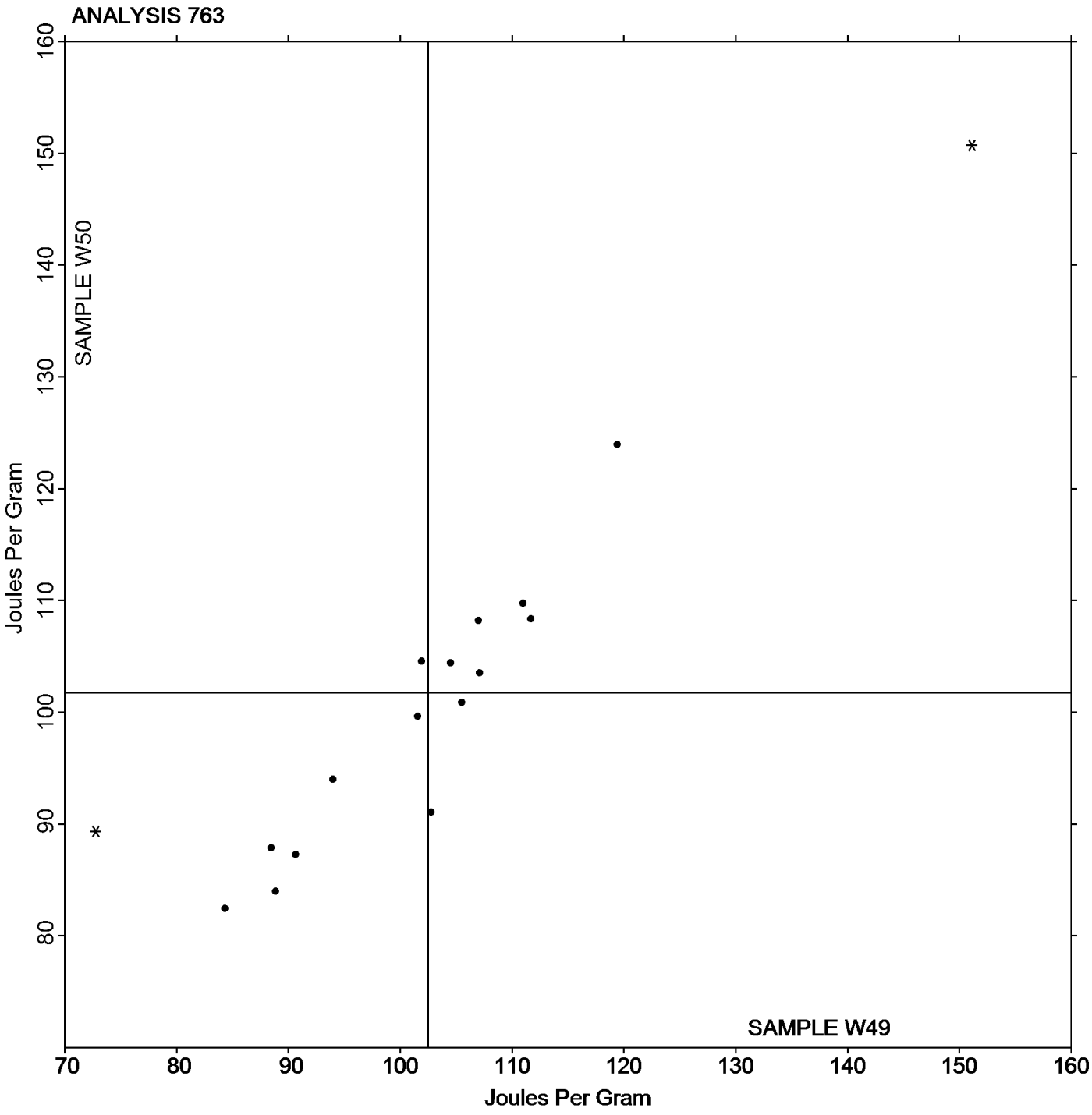
Key to Instrument Codes Reported by Participants

PE Perkins Elmer Instruments

TA TA Instruments

XX Instrument manufacturer not specified by lab

Grand Mean Sample W49: 102.51 Joules Per Gram Grand Mean Sample W50: 101.76 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 V49 Lab Mean	Sample V49 Diff from Grand Mean	Sample V49 CPV	Sample V50 Lab Mean	Sample V50 Diff from Grand Mean	Sample V50 CPV	Instr Code
29HABH		89.80	3.71	1.60	89.60	3.01	1.33	PE
3NKZXF		87.33	1.24	0.53	86.53	-0.06	-0.03	XX
6F49LM		87.23	1.14	0.49	88.27	1.68	0.74	TA
7NXPWC		83.48	-2.61	-1.12	83.38	-3.21	-1.42	TA
9XBMGY		88.04	1.95	0.84	88.10	1.51	0.67	TA
A349L7		84.14	-1.95	-0.84	84.41	-2.18	-0.97	TA
EJUU6M		88.00	1.91	0.82	89.40	2.81	1.24	TA
F73E28		86.17	0.08	0.03	85.17	-1.42	-0.63	TA
FV2ZXZ		85.96	-0.14	-0.06	86.22	-0.37	-0.16	TA
LLW2NZ		85.53	-0.56	-0.24	87.57	0.98	0.43	XX
ME8ZND		87.98	1.89	0.81	88.55	1.96	0.87	PE
MKF8L6		85.80	-0.29	-0.13	86.67	0.08	0.03	TA
NACJTY		86.53	0.44	0.19	86.17	-0.42	-0.19	TA
PCTFQN	*	82.69	-3.41	-1.47	86.53	-0.06	-0.03	TA
QC6G4A		80.84	-5.26	-2.26	81.05	-5.54	-2.46	PE
VJVFQR		88.83	2.74	1.18	88.92	2.33	1.03	MT
YC8MDH		85.20	-0.89	-0.38	85.53	-1.06	-0.47	TA

Summary Statistics

	Sample V49	Sample V50
Grand Means	86.092 Degrees Celsius	86.592 Degrees Celsius
Stnd Dev Btwn Labs	2.323 Degrees Celsius	2.257 Degrees Celsius

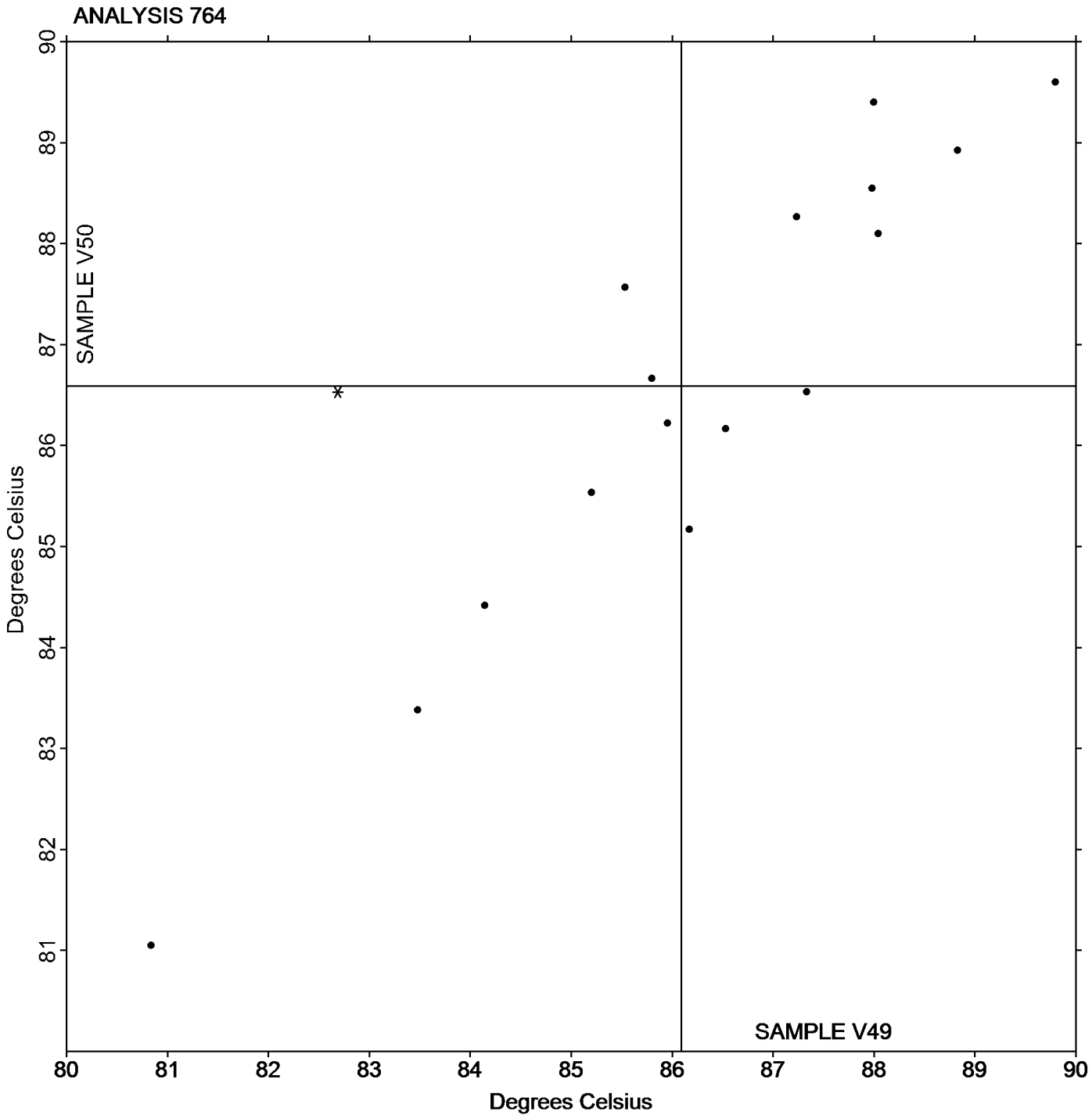
Statistics based on 17 of 17 reporting participants

Sample V49: PET & Sample V50: PET

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample V49: 86.092 Degrees Celsius Grand Mean Sample V50: 86.592 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 B49 Lab Mean	Sample B49 Diff from Grand Mean	Sample B49 CPV	Sample B50 Lab Mean	Sample B50 Diff from Grand Mean	Sample B50 CPV	Instr Code
2K8Z2N		1,931	52	0.20	1,669	-1	-0.01	IN
372AWV		1,590	-288	-1.09	1,365	-305	-2.49	IN
3HB6U7		2,198	320	1.20	1,780	110	0.89	WZ
6NYA2Z		1,969	91	0.34	1,683	13	0.10	SH
EA7Y77		2,008	129	0.49	1,674	3	0.02	IN
ETZMK9		1,989	110	0.42	1,714	44	0.36	IN
JB6NMW		2,214	335	1.26	1,857	187	1.52	XX
M64QE3		1,373	-506	-1.91	1,612	-58	-0.48	IN
PG9P27		1,607	-272	-1.02	1,625	-45	-0.37	IN
PZGUKA		2,047	168	0.63	1,748	77	0.63	IN
TKCPQT		1,995	117	0.44	1,738	67	0.55	OA
YKDNDA		1,622	-257	-0.97	1,582	-89	-0.72	IN

Summary Statistics

	Sample B49	Sample B50
Grand Means	1,878.4 psi	1,670.7 psi
Stnd Dev Btwn Labs	265.4 psi	122.8 psi

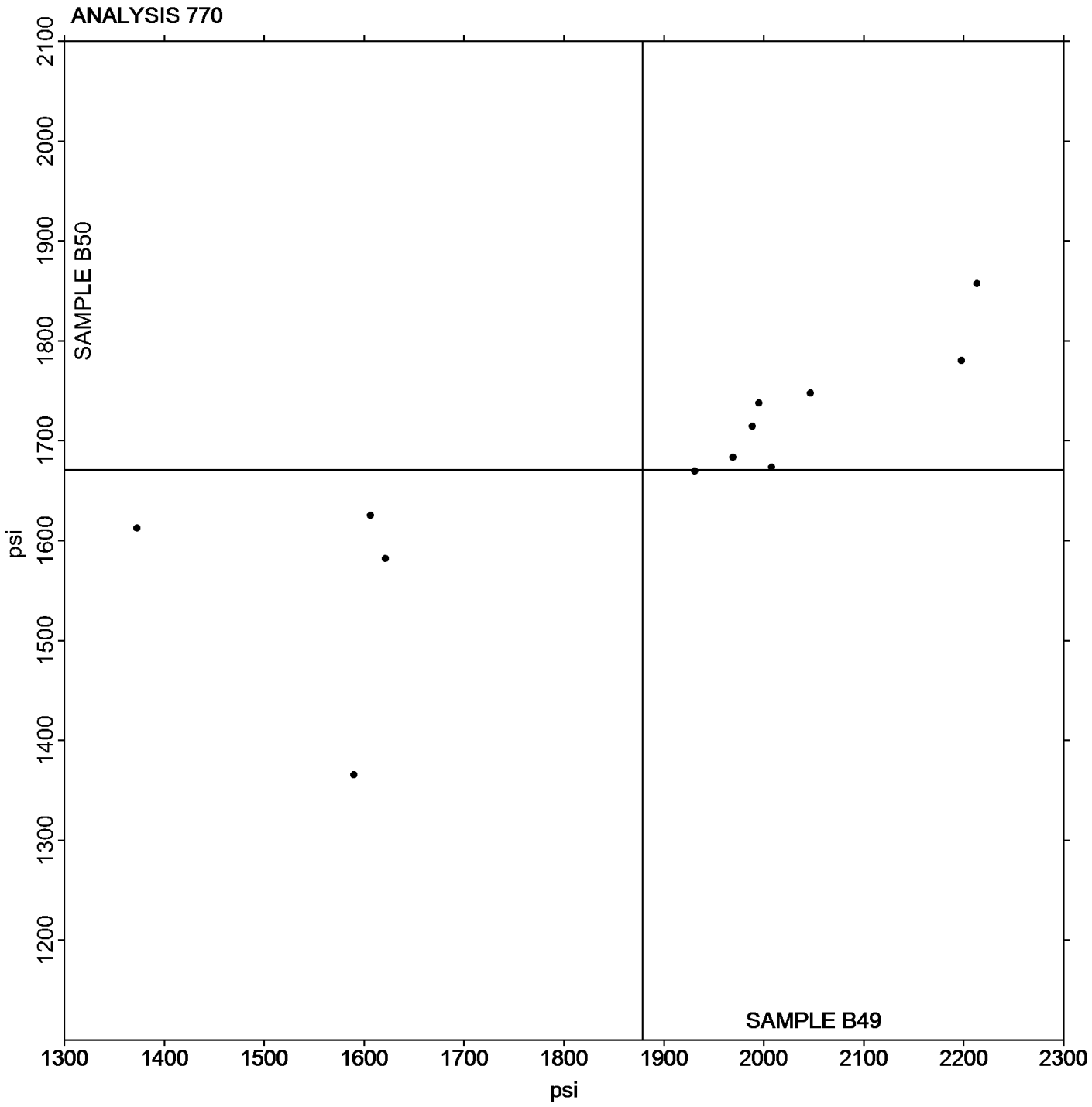
Statistics based on 12 of 12 reporting participants

Sample B49: LDPE & Sample B50: LDPE

Key to Instrument Codes Reported by Participants

IN Instron
OA Oakland Testing
SH Shimadzu
WZ Zwick
XX Instrument manufacturer not specified by lab

Grand Mean Sample B49: 1,878.42 psi Grand Mean Sample B50: 1,670.65 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 B49 Lab Mean	Sample B49 Diff from Grand Mean	Sample B49 CPV	Sample B50 Lab Mean	Sample B50 Diff from Grand Mean	Sample B50 CPV	Instr Code
2K8Z2N		3,456	-262	-0.71	2,983	-396	-1.41	IN
372AWV		3,465	-253	-0.69	2,908	-471	-1.68	IN
3HB6U7		4,184	466	1.26	3,654	275	0.98	WZ
6NYA2Z		3,643	-76	-0.20	3,332	-47	-0.17	SH
EA7Y77		3,980	261	0.71	3,588	209	0.75	IN
ETZMK9		4,052	334	0.90	3,702	323	1.15	IN
F73E28		3,804	86	0.23	3,133	-246	-0.88	SH
JB6NMW		4,339	620	1.68	3,781	402	1.44	XX
M64QE3		3,603	-116	-0.31	3,195	-183	-0.65	IN
PG9P27		3,703	-15	-0.04	3,570	191	0.68	IN
PZGUKA		3,815	96	0.26	3,557	178	0.64	IN
TKCPQT		3,794	76	0.20	3,498	119	0.42	OA
UL6U6L		2,915	-804	-2.18	3,284	-94	-0.34	UC
YKDNDA		3,306	-413	-1.12	3,117	-262	-0.93	IN

Summary Statistics

	Sample B49	Sample B50
Grand Means	3,718.4 psi	3,378.6 psi
Stnd Dev Btwn Labs	369.3 psi	280.1 psi

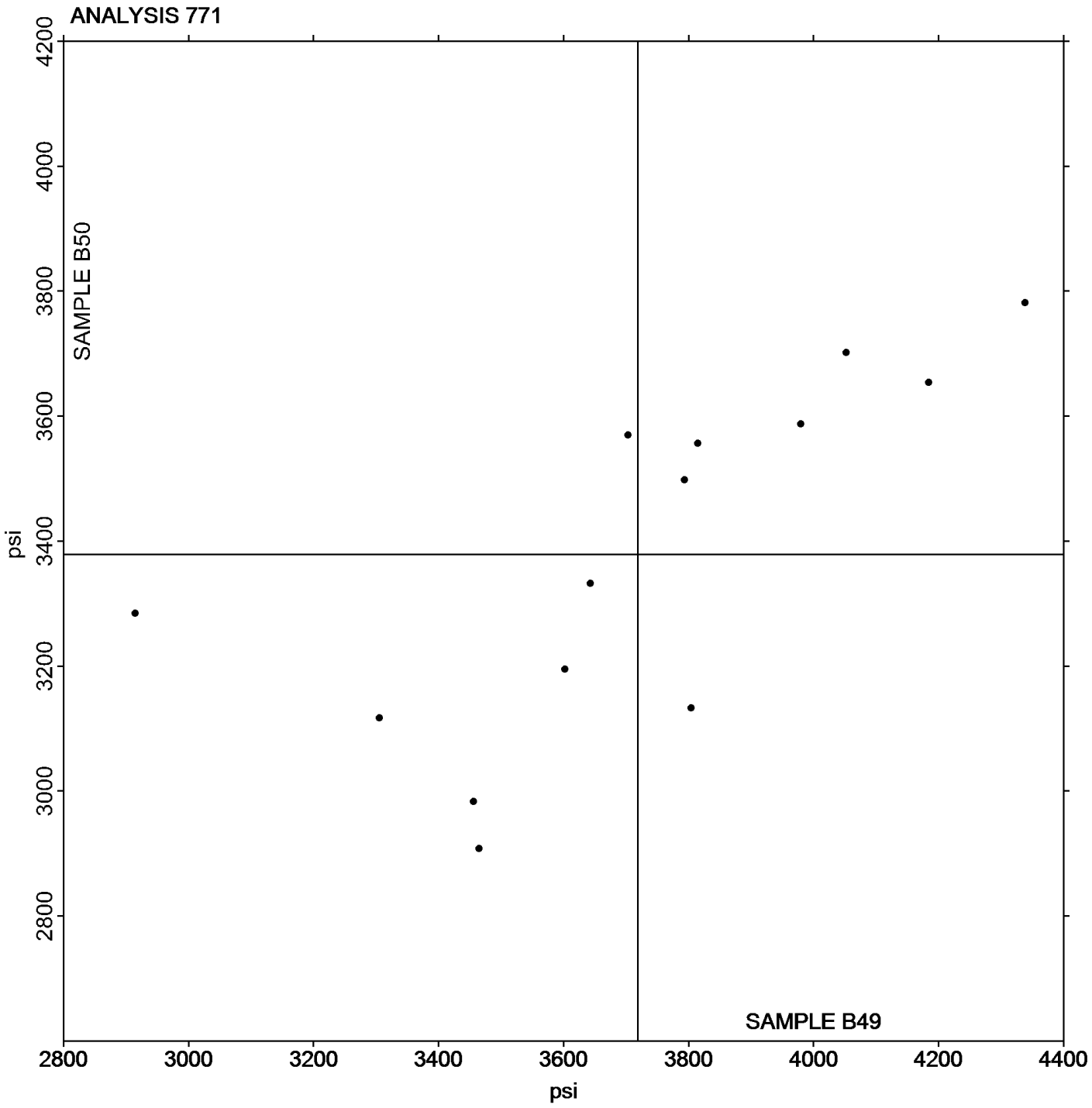
Statistics based on 14 of 14 reporting participants

Sample B49: LDPE & Sample B50: LDPE

Key to Instrument Codes Reported by Participants

IN	Instron	OA	Oakland Testing
SH	Shimadzu	UC	United
WZ	Zwick	XX	Instrument manufacturer not specified by lab

Grand Mean Sample B49: 3,718.43 psi Grand Mean Sample B50: 3,378.58 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 B49 Lab Mean	Sample B49 Diff from Grand Mean	Sample B49 CPV	Sample B50 Lab Mean	Sample B50 Diff from Grand Mean	Sample B50 CPV	Instr Code
2K8Z2N		106.89	43.06	1.39	85.73	36.02	1.39	IN
372AWV		40.50	-23.33	-0.75	37.50	-12.21	-0.47	IN
3HB6U7		64.90	1.07	0.03	54.52	4.81	0.19	WZ
6NYA2Z		77.76	13.93	0.45	64.03	14.31	0.55	SH
EA7Y77		80.52	16.69	0.54	69.08	19.37	0.75	IN
ETZMK9		64.55	0.72	0.02	17.00	-32.71	-1.26	IN
JB6NMW		82.39	18.56	0.60	68.00	18.29	0.70	XX
M64QE3		72.89	9.06	0.29	57.47	7.76	0.30	IN
PG9P27		9.70	-54.13	-1.75	11.94	-37.77	-1.46	IN
PZGUKA		89.72	25.89	0.84	69.37	19.66	0.76	IN
YKDNDA		12.30	-51.53	-1.67	12.18	-37.53	-1.45	IN

Summary Statistics

	Sample B49	Sample B50
Grand Means	63.829 Percent	49.712 Percent
Stnd Dev Btwn Labs	30.911 Percent	25.953 Percent

Statistics based on 11 of 11 reporting participants

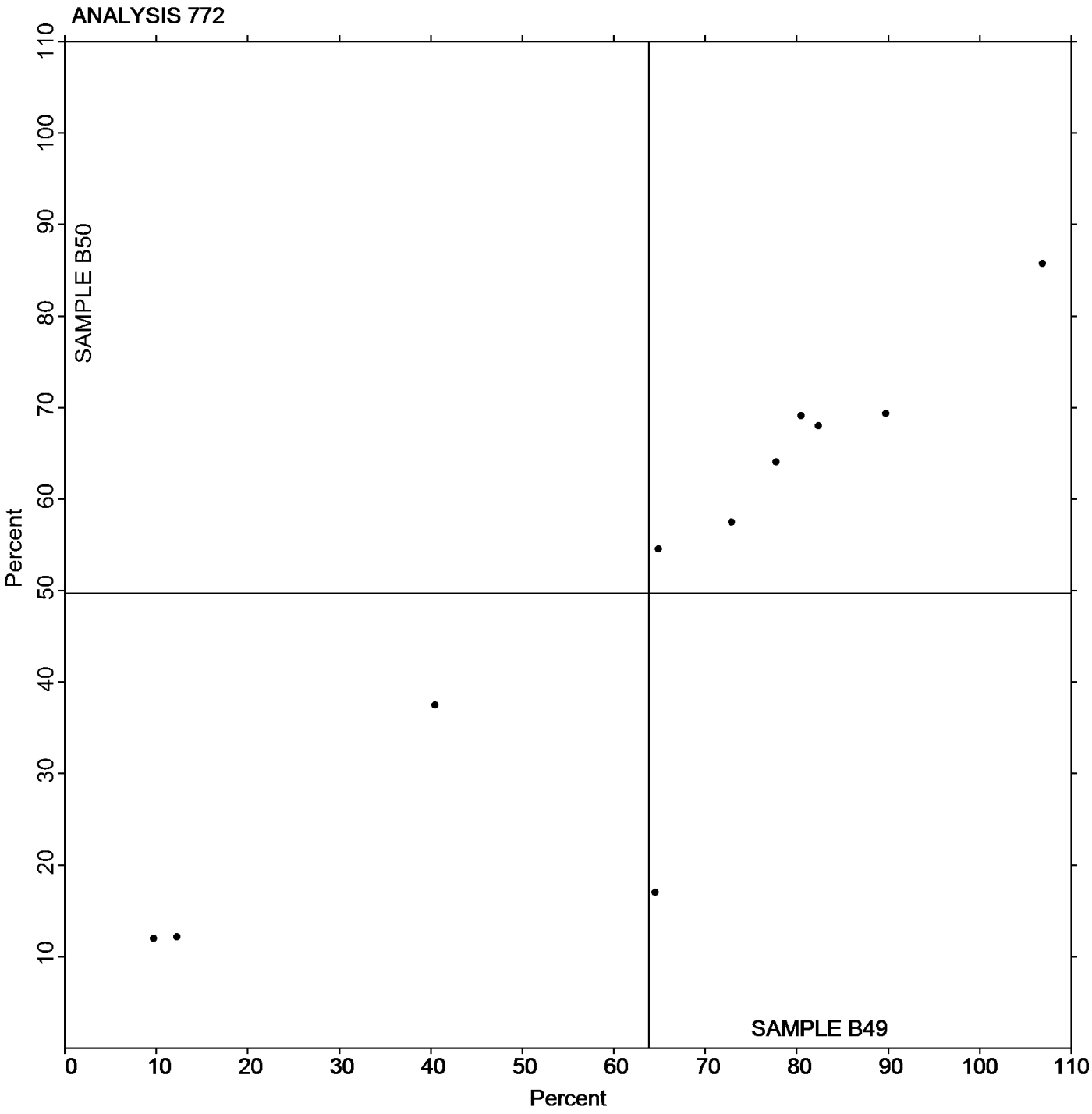
Sample B49: LDPE & Sample B50: LDPE

Note: Results for test 772 exhibit higher variability than historical averages. Use caution when interpreting results.

Key to Instrument Codes Reported by Participants

IN	Instron	SH	Shimadzu
WZ	Zwick	XX	Instrument manufacturer not specified by lab

Grand Mean Sample B49: 63.829 Percent Grand Mean Sample B50: 49.712 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 B49 Lab Mean	Sample B49 Diff from Grand Mean	Sample B49 CPV	Sample B50 Lab Mean	Sample B50 Diff from Grand Mean	Sample B50 CPV	Instr Code
2K8Z2N		940.1	89.2	0.50	770.2	-50.0	-0.33	IN
372AWV		1,229.6	378.7	2.12	1,134.6	314.4	2.10	IN
3HB6U7		652.0	-198.9	-1.11	637.0	-183.2	-1.22	WZ
6NYA2Z		855.6	4.7	0.03	820.4	0.2	0.00	SH
EA7Y77		786.5	-64.4	-0.36	778.4	-41.8	-0.28	IN
ETZMK9		689.0	-161.9	-0.91	641.6	-178.6	-1.19	IN
F73E28		1,166.6	315.7	1.77	1,106.0	285.8	1.91	SH
JB6NMW		859.8	8.8	0.05	798.1	-22.1	-0.15	XX
M64QE3		772.3	-78.6	-0.44	734.4	-85.8	-0.57	IN
PG9P27		721.4	-129.5	-0.72	681.4	-138.8	-0.93	IN
PZGUKA		958.5	107.6	0.60	927.0	106.8	0.71	IN
TKCPQT		866.3	15.3	0.09	805.2	-15.0	-0.10	OA
UL6U6L	*	611.9	-239.0	-1.34	856.8	36.6	0.24	UC
YKDNDA		803.5	-47.4	-0.27	791.9	-28.3	-0.19	IN

Summary Statistics

	Sample B49	Sample B50
Grand Means	850.94 Percent	820.22 Percent
Stnd Dev Btwn Labs	178.71 Percent	149.65 Percent

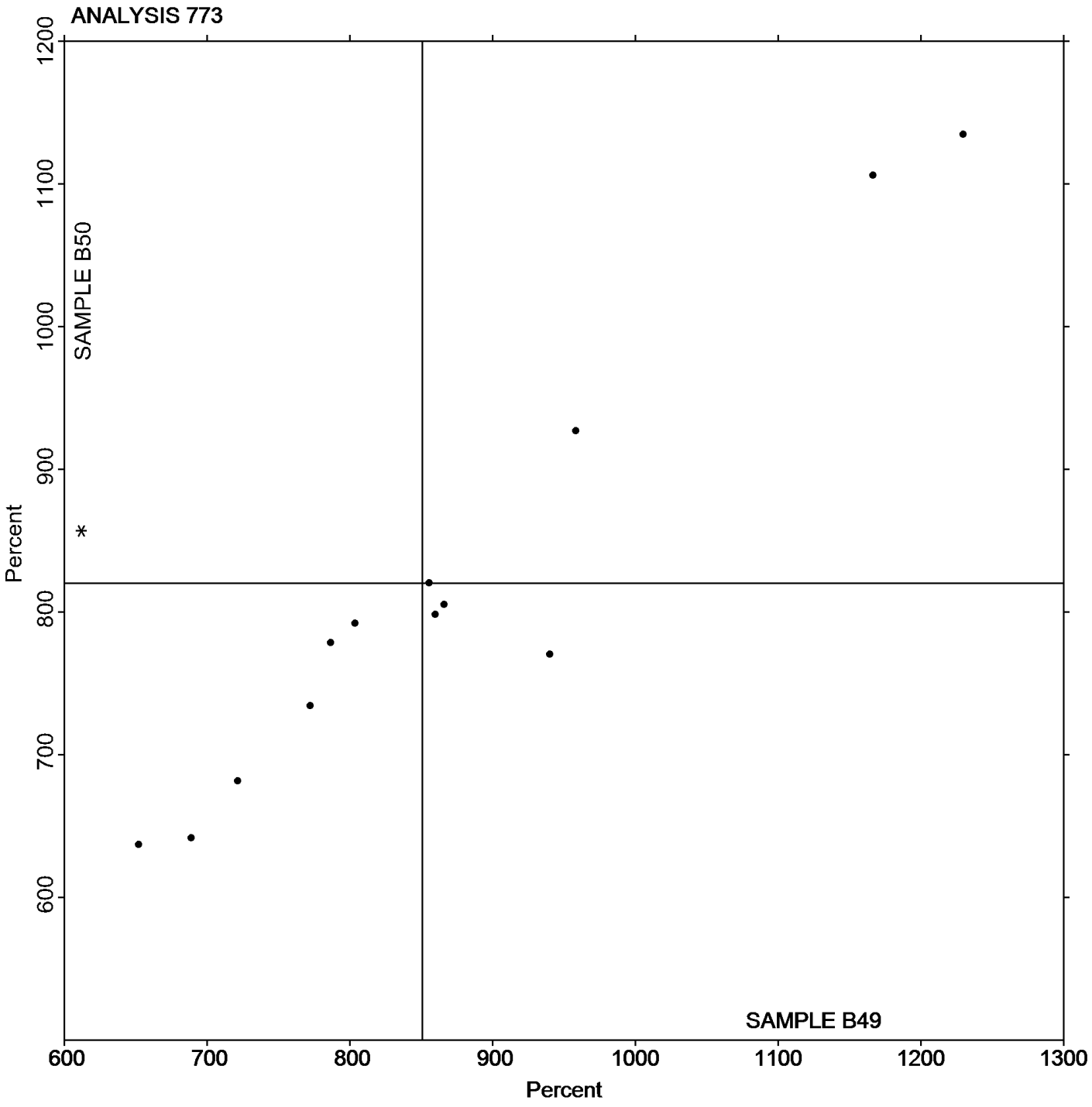
Statistics based on 14 of 14 reporting participants

Sample B49: LDPE & Sample B50: LDPE

Key to Instrument Codes Reported by Participants

IN	Instron	OA	Oakland Testing
SH	Shimadzu	UC	United
WZ	Zwick	XX	Instrument manufacturer not specified by lab

Grand Mean Sample B49: 850.94 Percent Grand Mean Sample B50: 820.22 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 B49 Lab Mean	Sample B49 Diff from Grand Mean	Sample B49 CPV	Sample B50 Lab Mean	Sample B50 Diff from Grand Mean	Sample B50 CPV
2K8Z2N		3.9331	0.2641	1.91	4.1102	0.2755	1.49
372AWV		3.6930	0.0241	0.17	3.8544	0.0196	0.11
3HB6U7		3.5485	-0.1204	-0.87	3.9339	0.0992	0.54
6NYA2Z		3.6615	-0.0074	-0.05	3.7355	-0.0993	-0.54
EA7Y77		3.5960	-0.0729	-0.53	3.9960	0.1612	0.87
ETZMK9		3.6670	-0.0019	-0.01	3.8740	0.0392	0.21
F73E28		3.7362	0.0673	0.49	4.1732	0.3384	1.83
JB6NMW		3.4720	-0.1969	-1.42	3.4380	-0.3968	-2.14
M64QE3		3.5570	-0.1119	-0.81	3.7040	-0.1308	-0.71
PG9P27		3.8426	0.1737	1.25	3.7442	-0.0906	-0.49
PZGUKA		3.7900	0.1211	0.87	3.9250	0.0902	0.49
TKCPQT		3.8180	0.1491	1.08	3.9290	0.0942	0.51
UL6U6L		3.4100	-0.2589	-1.87	3.5800	-0.2548	-1.38
VGD3GP		3.6240	-0.0449	-0.32	3.7760	-0.0588	-0.32
XBWGKN		3.6240	-0.0449	-0.32	3.7480	-0.0868	-0.47
YKDNDA		3.7300	0.0611	0.44	3.8350	0.0002	0.00

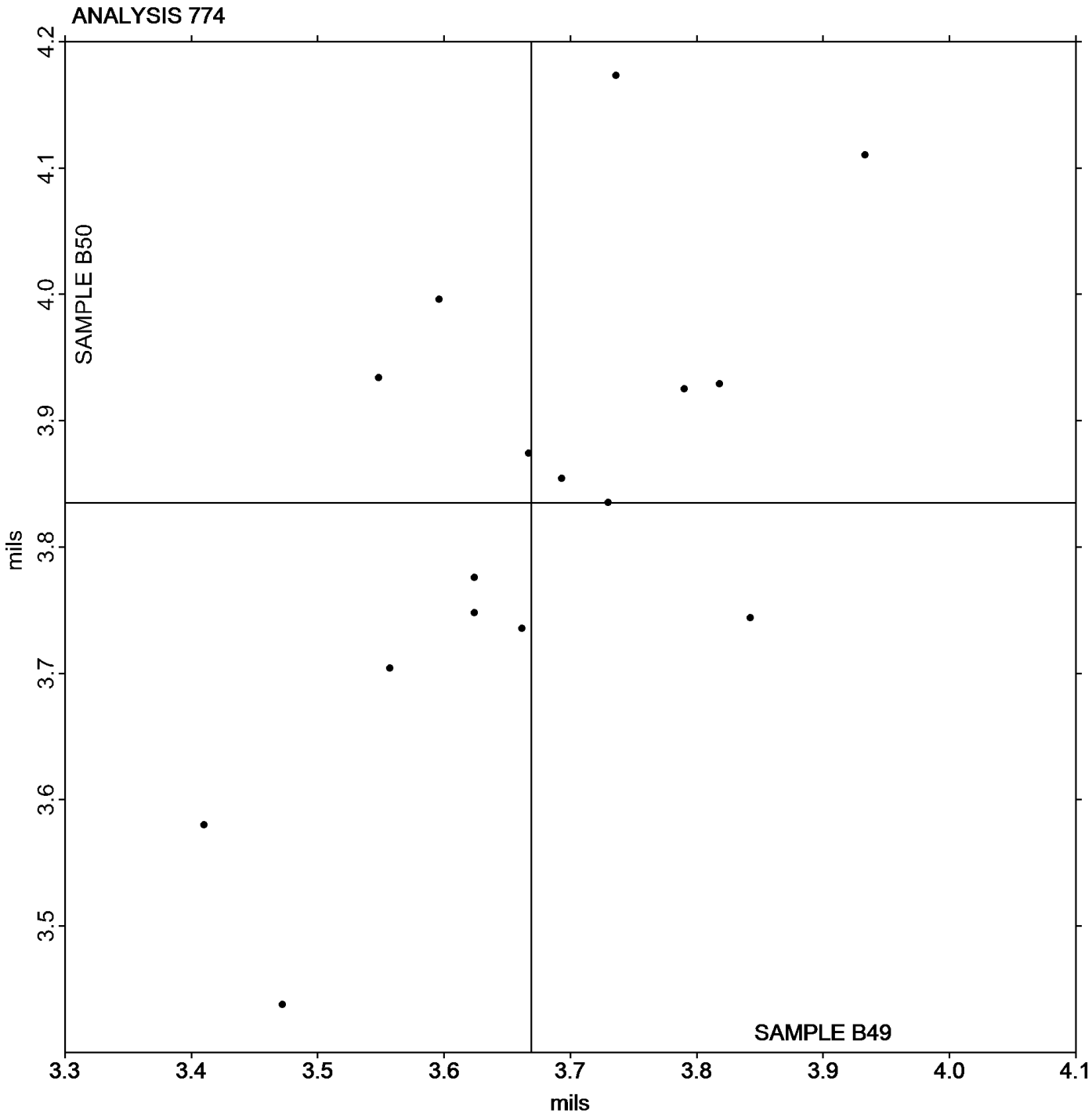
Summary Statistics

	Sample B49	Sample B50
Grand Means	3.66893 mils	3.83478 mils
Stnd Dev Btwn Labs	0.13854 mils	0.18506 mils

Statistics based on 16 of 16 reporting participants

Sample B49: LDPE & Sample B50: LDPE

Grand Mean Sample B49: 3.6689 mils Grand Mean Sample B50: 3.8348 mils



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

WebCode	Data Flag	Sample B49 Lab Mean	Sample B49 Diff from Grand Mean	Sample B49 CPV	Sample B50 Lab Mean	Sample B50 Diff from Grand Mean	Sample B50 CPV	Instr Code
2K8Z2N		2,126	-28,326	-2.33	6,530	-22,455	-2.21	IN
372AWV		24,832	-5,620	-0.46	21,257	-7,728	-0.76	IN
3HB6U7		35,317	4,865	0.40	31,909	2,924	0.29	WZ
6NYA2Z		44,276	13,824	1.14	42,008	13,024	1.28	SH
ETZMK9		34,775	4,323	0.36	32,657	3,672	0.36	IN
JB6NMW		37,790	7,338	0.60	35,254	6,269	0.62	XX
M64QE3		26,673	-3,779	-0.31	26,842	-2,142	-0.21	IN
TKCPQT		37,226	6,774	0.56	34,236	5,251	0.52	OA
YKDNDA		31,050	599	0.05	30,168	1,184	0.12	IN

Summary Statistics

	Sample B49	Sample B50
Grand Means	30,451.6 psi	28,984.5 psi
Stnd Dev Btwn Labs	12,154.2 psi	10,176.3 psi

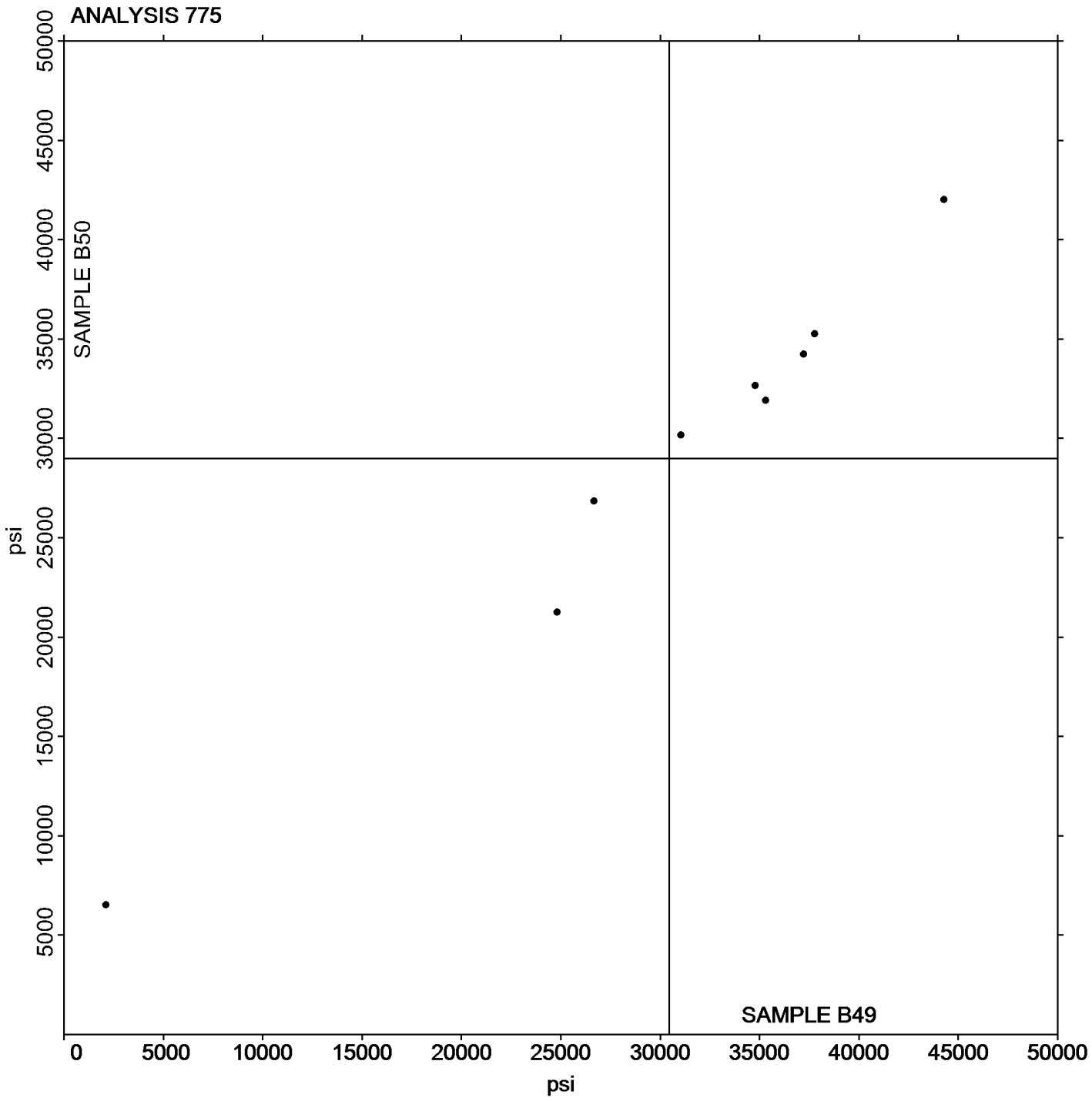
Statistics based on 9 of 9 reporting participants

Sample B49: LDPE & Sample B50: LDPE

Key to Instrument Codes Reported by Participants

IN Instron
OA Oakland Testing
SH Shimadzu
WZ Zwick
XX Instrument manufacturer not specified by lab

Grand Mean Sample B49: 30,451.61 psi Grand Mean Sample B50: 28,984.51 psi



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

WebCode	Data Flag	Sample B49 Lab Mean	Sample B49 Diff from Grand Mean	Sample B49 CPV	Sample B50 Lab Mean	Sample B50 Diff from Grand Mean	Sample B50 CPV	Instr Code
2K8Z2N		10,945	-13,352	-1.50	15,636	-8,467	-1.29	IN
372AWV		24,326	29	0.00	21,415	-2,689	-0.41	IN
6NYA2Z		32,948	8,651	0.97	31,455	7,352	1.12	SH
JB6NMW		31,807	7,510	0.84	30,031	5,928	0.90	XX
M64QE3		21,459	-2,838	-0.32	21,979	-2,124	-0.32	IN

Summary Statistics

	Sample B49	Sample B50
Grand Means	24,297.1 psi	24,103.1 psi
Stnd Dev Btwn Labs	8,910.2 psi	6,569.3 psi

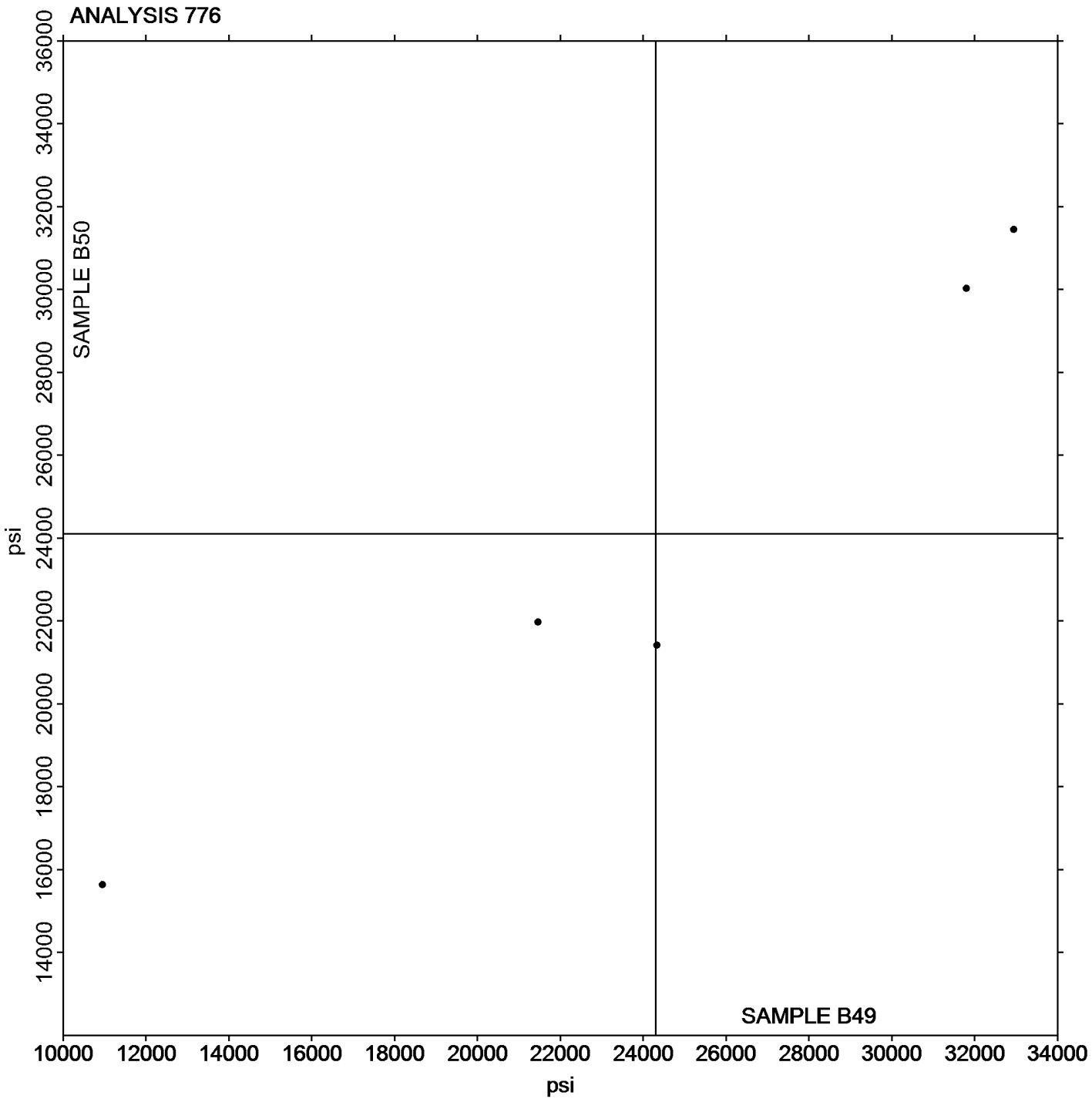
Statistics based on 5 of 5 reporting participants

Sample B49: LDPE & Sample B50: LDPE

Key to Instrument Codes Reported by Participants

IN Instron
SH Shimadzu
XX Instrument manufacturer not specified by lab

Grand Mean Sample B49: 24,297.12 psi Grand Mean Sample B50: 24,103.14 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 P49 Lab Mean	Sample P49 Diff from Grand Mean	Sample P49 CPV	Sample P50 Lab Mean	Sample P50 Diff from Grand Mean	Sample P50 CPV	Instr Code
3HB6U7		0.1846	0.0345	0.71	0.1990	0.0582	1.22	TH
4ZAJPQ		0.1283	-0.0219	-0.45	0.0810	-0.0598	-1.26	IG
6NYA2Z		0.1853	0.0352	0.72	0.1563	0.0155	0.33	SA
ETZMK9		0.1312	-0.0189	-0.39	0.0848	-0.0560	-1.18	TH
F73E28		0.1346	-0.0155	-0.32	0.1514	0.0106	0.22	SA
QC8YAL		0.0398	-0.1103	-2.27	0.0814	-0.0594	-1.25	LI
TKCPQT		0.1768	0.0267	0.55	0.1976	0.0568	1.20	TH
UB87XP		0.1820	0.0319	0.66	0.1460	0.0052	0.11	IS
XHCB8J		0.1886	0.0385	0.79	0.1697	0.0289	0.61	IG
YKDNDA	M	No data reported for this sample			0.1330	-0.0078	-0.16	TN

Summary Statistics

	Sample P49	Sample P50
Grand Means	0.15013 COF	0.14080 COF
Stnd Dev Btwn Labs	0.04858 COF	0.04753 COF

Statistics based on 9 of 10 reporting participants

Sample P49: LDPE & Sample P50: LDPE

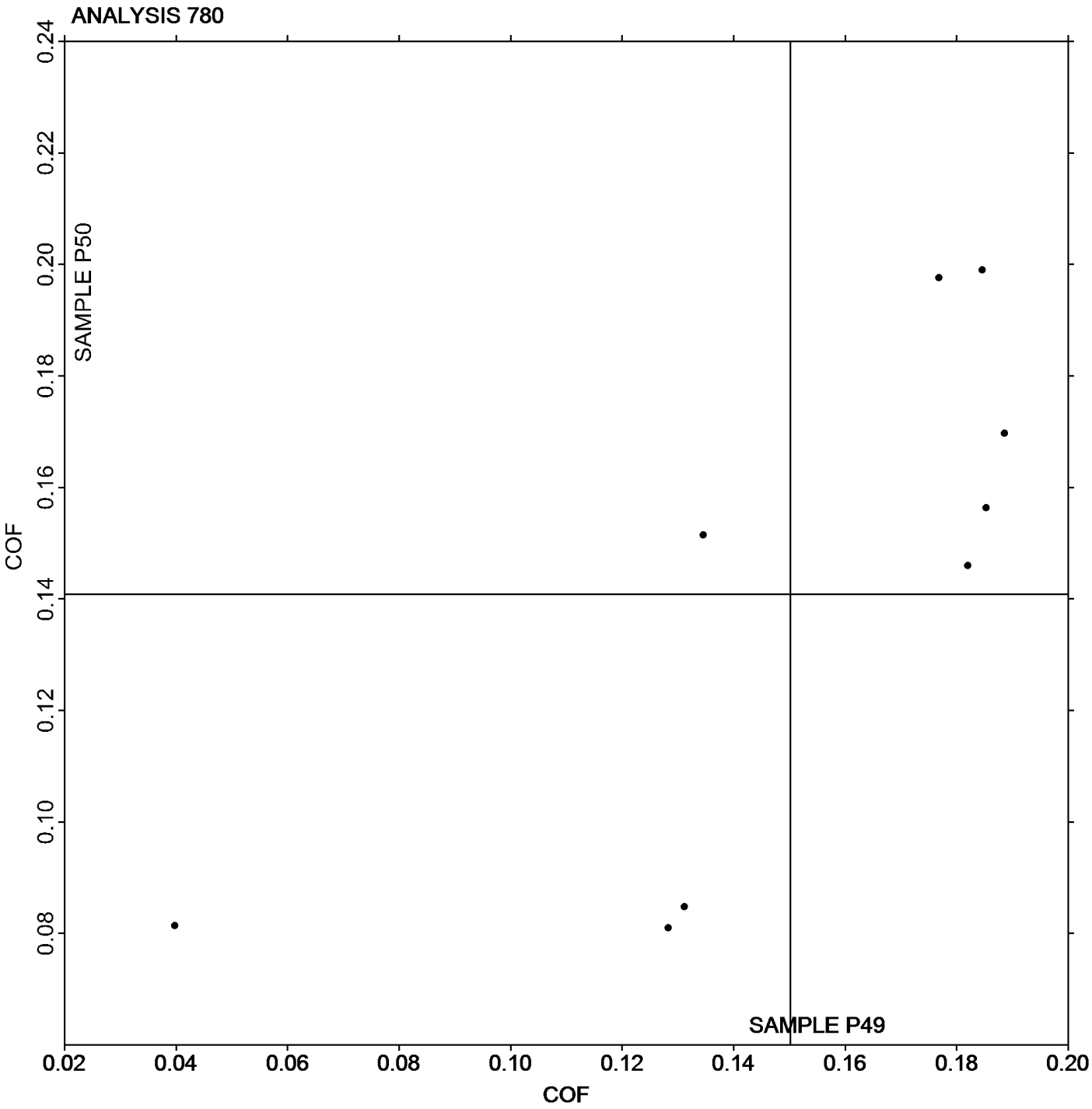
Comments on Assigned Data Flags for Test #780

YKDNDA (M) - Participant did not submit data for sample P49.

Key to Instrument Codes Reported by Participants

IG	Instron	IS	Instron 5000 Series
LI	Lloyd Instruments	SA	Shimadzu Autograph
TH	Thwing Albert Friction/Peel Tester Model 225-1	TN	TMI #32-06

Grand Mean Sample P49: 0.15013 COF Grand Mean Sample P50: 0.14080 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 P49 Lab Mean	Sample P49 Diff from Grand Mean	Sample P49 CPV	Sample P50 Lab Mean	Sample P50 Diff from Grand Mean	Sample P50 CPV	Instr Code
3HB6U7		0.1106	-0.0061	-0.15	0.0988	-0.0099	-0.35	TH
4ZAJPQ		0.1132	-0.0035	-0.09	0.0858	-0.0230	-0.81	IG
6NYA2Z		0.1210	0.0043	0.11	0.1058	-0.0030	-0.11	SA
ETZMK9		0.1240	0.0073	0.18	0.0870	-0.0217	-0.77	TH
F73E28		0.0916	-0.0251	-0.63	0.1200	0.0113	0.40	SA
QC8YAL		0.0316	-0.0851	-2.12	0.0772	-0.0315	-1.11	XX
TKCPQT		0.1416	0.0249	0.62	0.1618	0.0531	1.87	TH
UB87XP		0.1382	0.0215	0.54	0.0980	-0.0107	-0.38	IS
XHCB8J		0.1782	0.0615	1.53	0.1443	0.0356	1.26	IG
YKDNDA	M	No data reported for this sample			0.0956	-0.0131	-0.46	TN

Summary Statistics

	Sample P49	Sample P50
Grand Means	0.11666 COF	0.10874 COF
Stnd Dev Btwn Labs	0.04009 COF	0.02835 COF

Statistics based on 9 of 10 reporting participants

Sample P49: LDPE & Sample P50: LDPE

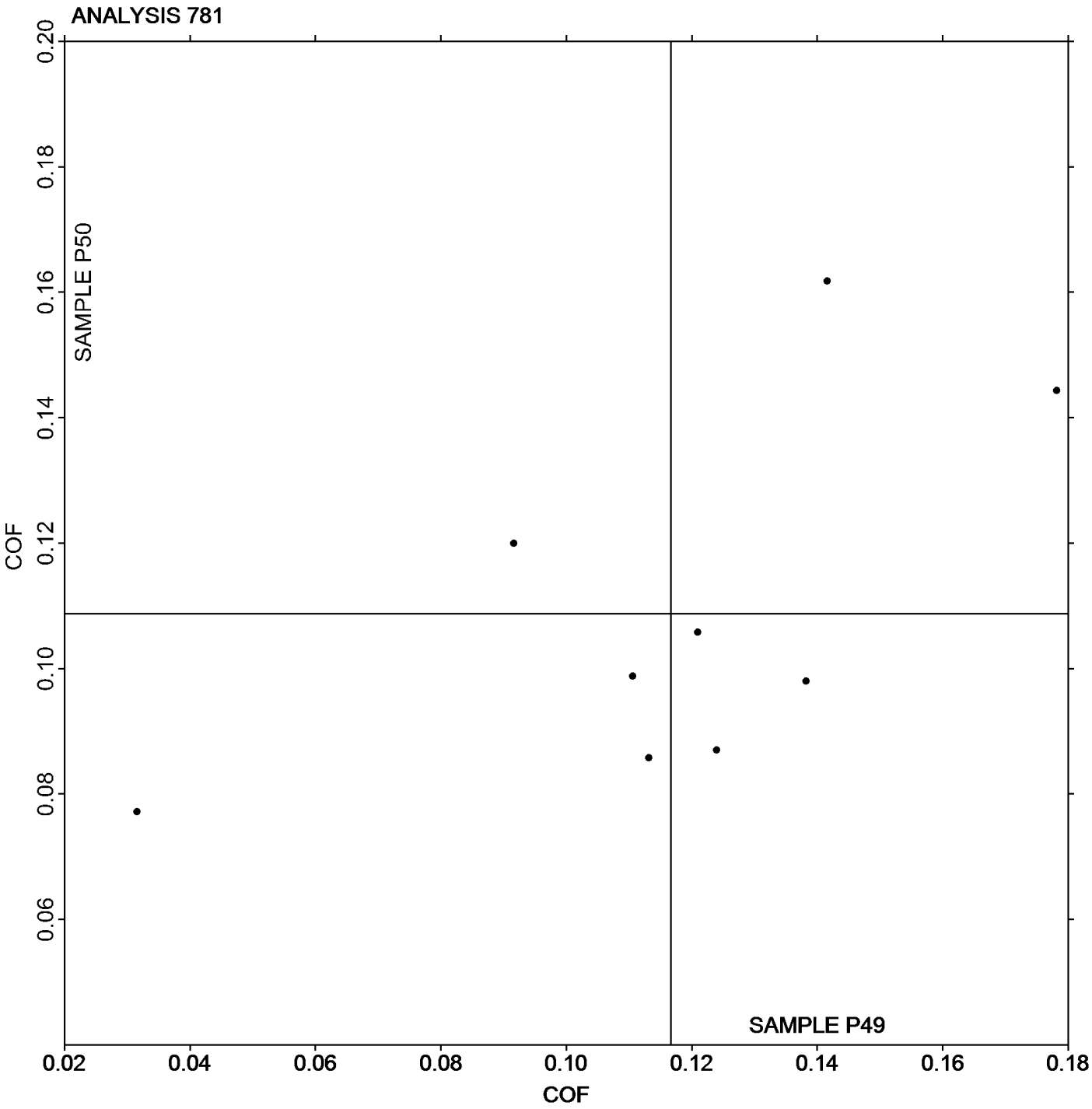
Comments on Assigned Data Flags for Test #781

YKDNDA (M) - Participant did not submit data for sample P49.

Key to Instrument Codes Reported by Participants

IG	Instron	IS	Instron 5000 Series
SA	Shimadzu Autograph	TH	Thwing Albert Friction/Peel Tester Model 225-1
TN	TMI #32-06	XX	Instrument make/model not specified by lab

Grand Mean Sample P49: 0.11666 COF Grand Mean Sample P50: 0.10874 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 Q49 Lab Mean	Sample Q49 Diff from Grand Mean	Sample Q49 CPV	Sample Q50 Lab Mean	Sample Q50 Diff from Grand Mean	Sample Q50 CPV	Instr Code
3HB6U7		216.2	11.2	0.22	531.6	102.0	0.79	TA
6NYA2Z		211.4	6.4	0.13	458.7	29.1	0.23	TE
8D7WFX		96.2	-108.9	-2.16	95.4	-334.3	-2.59	EM
ETZMK9		248.0	43.0	0.85	470.7	41.0	0.32	TE
F73E28		174.6	-30.4	-0.60	468.3	38.6	0.30	LO
JB6NMW		260.4	55.4	1.10	490.8	61.1	0.47	XX
PG9P27		245.9	40.9	0.81	419.7	-10.0	-0.08	SZ
TKCPQT		177.6	-27.4	-0.54	480.6	51.0	0.40	TE
YKDNDA		214.9	9.9	0.20	451.1	21.4	0.17	TM

Summary Statistics

	Sample Q49	Sample Q50
Grand Means	205.02 grams-force	429.65 grams-force
Stnd Dev Btwn Labs	50.47 grams-force	128.97 grams-force

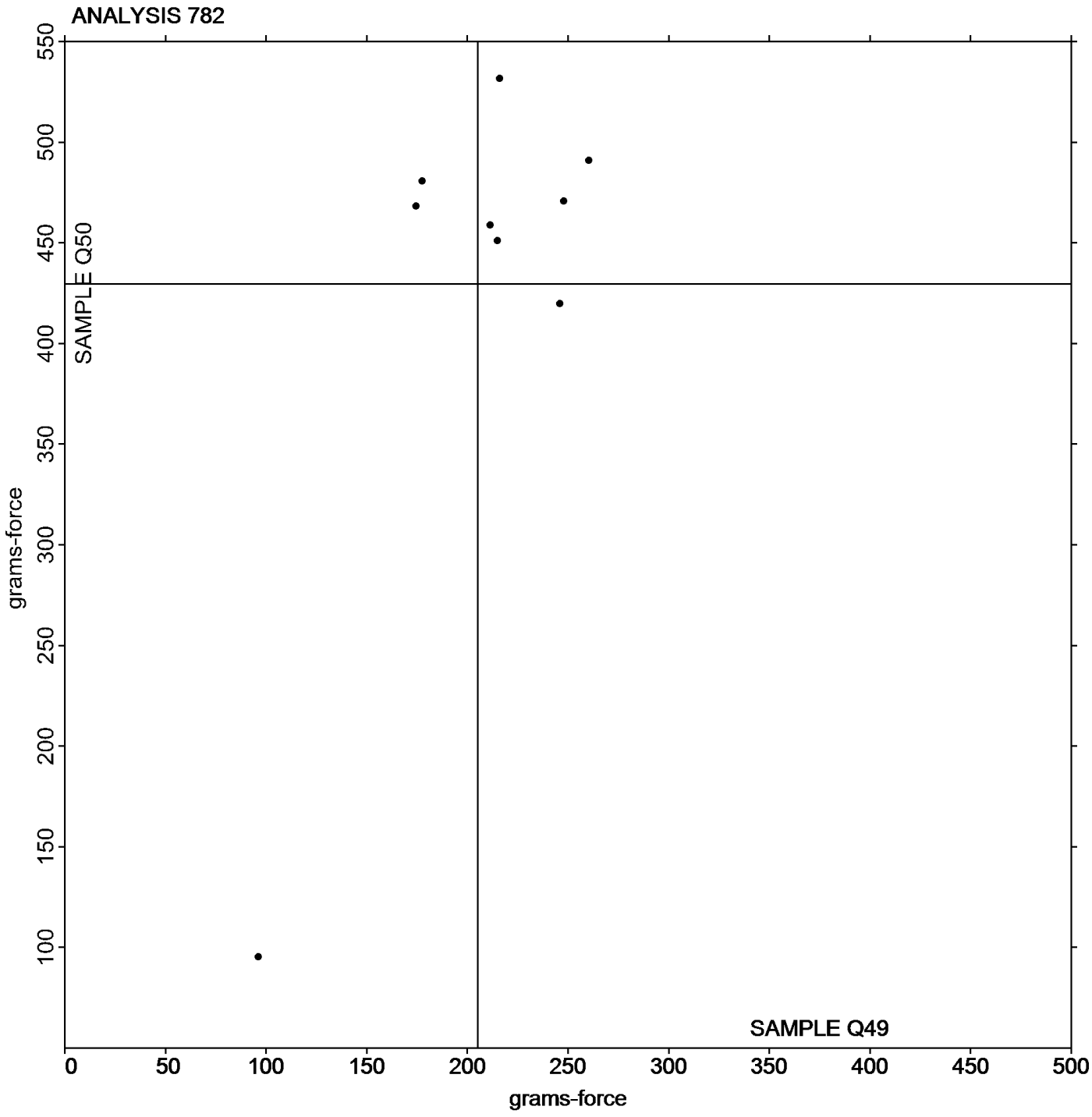
Statistics based on 9 of 9 reporting participants

Sample Q49: LDPE & Sample Q50: LDPE

Key to Instrument Codes Reported by Participants

EM	Elmendorf Tear Tester	LO	Lorentzen & Wettre Model II
SZ	Textest FX 3700	TA	Thwing-Albert
TE	Thwing-Albert Pro Tear	TM	TMI No. 83-1100
XX	Instrument make/model not specified by lab		

Grand Mean Sample Q49: 205.02 grams-force Grand Mean Sample Q50: 429.65 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 D49 Lab Mean	Sample D49 Diff from Grand Mean	Sample D49 CPV	Sample D50 Lab Mean	Sample D50 Diff from Grand Mean	Sample D50 CPV	Instr Code
3HB6U7		15.440	-0.780	-0.88	15.680	0.019	0.02	BJ
6AVVPA		16.525	0.305	0.35	15.038	-0.624	-0.64	BJ
6NYA2Z		16.675	0.455	0.51	16.213	0.551	0.57	BJ
7XJ4JF		16.749	0.529	0.60	16.838	1.176	1.21	XR
C9KBX2		16.320	0.100	0.11	15.753	0.091	0.09	BJ
ETZMK9		16.800	0.580	0.66	16.113	0.451	0.46	BJ
F4WZA8		17.125	0.905	1.02	15.913	0.251	0.26	BJ
F72T2K		15.488	-0.732	-0.83	15.688	0.026	0.03	BJ
G7EG3C		16.303	0.083	0.09	16.399	0.737	0.76	BH
H2FKVW	*	13.581	-2.638	-2.98	12.364	-3.298	-3.39	XR
K36VHV	X	22.275	6.055	6.85	21.850	6.189	6.37	BJ
LBEBBN		17.100	0.880	1.00	15.938	0.276	0.28	BJ
M64QE3		16.479	0.259	0.29	16.148	0.486	0.50	HC
PG9P27		16.013	-0.207	-0.23	15.588	-0.074	-0.08	BJ
RDZCAJ		15.800	-0.420	-0.47	14.488	-1.174	-1.21	BJ
RFR4QV		16.363	0.143	0.16	15.675	0.014	0.01	BJ
RJNY44		14.674	-1.546	-1.75	14.118	-1.544	-1.59	HL
TKCPQT		17.369	1.149	1.30	16.770	1.109	1.14	XR
U8663U		16.433	0.213	0.24	16.536	0.875	0.90	BJ
UB87XP		15.900	-0.320	-0.36	16.013	0.351	0.36	BJ
UCVFV6		15.775	-0.445	-0.50	15.275	-0.386	-0.40	BJ
UJYH3Q		15.375	-0.845	-0.96	15.088	-0.574	-0.59	BJ
V87A4N		17.290	1.070	1.21	16.771	1.110	1.14	XR
XBWGKN		17.263	1.043	1.18	15.850	0.189	0.19	BJ
YKDNDA		16.438	0.218	0.25	15.625	-0.036	-0.04	BJ

Summary Statistics

	Sample D49	Sample D50
Grand Means	16.2197 Percent	15.6615 Percent
Stnd Dev Btwn Labs	0.8844 Percent	0.9717 Percent

Statistics based on 24 of 25 reporting participants

Sample D49: LDPE & Sample D50: LDPE

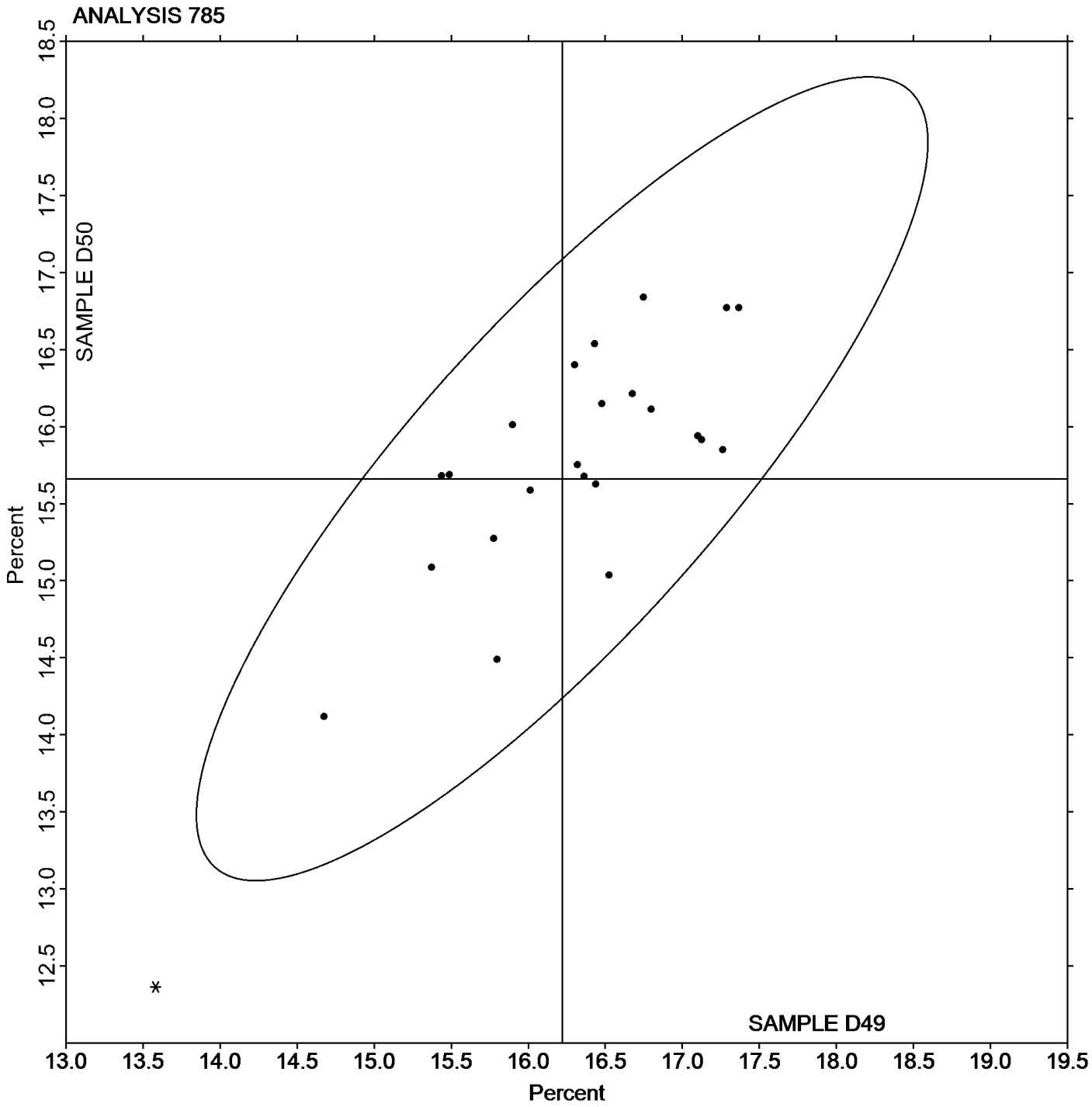
Comments on Assigned Data Flags for Test #785

K36VHV (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample D50.

Key to Instrument Codes Reported by Participants

BH	BYK-Gardner/Pacific Scientific Model XL-211	BJ	BYK-Gardner Haze-Gard Plus
HC	Hunterlab ColorQuest	HL	Hunterlab Ultrascan
XR	X-Rite Spectrocolorimeter (any model)		

Grand Mean Sample D49: 16.220 Percent Grand Mean Sample D50: 15.661 Percent



WebCode	Data Flag	Sample D49 Lab Mean	Sample D49 Diff from Grand Mean	Sample D49 CPV	Sample D50 Lab Mean	Sample D50 Diff from Grand Mean	Sample D50 CPV	Instr Code
3HB6U7		93.42	0.74	0.80	93.18	0.45	0.47	BJ
6AVVPA	X	92.21	-0.46	-0.50	93.54	0.81	0.85	BJ
6NYA2Z		92.78	0.10	0.11	92.80	0.07	0.07	BJ
7XJ4JF		91.85	-0.82	-0.88	91.56	-1.17	-1.22	XR
C9KBX2		93.08	0.40	0.43	93.14	0.41	0.43	BJ
ETZMK9		93.34	0.66	0.71	93.55	0.82	0.86	BJ
F4WZA8		92.48	-0.20	-0.22	92.55	-0.18	-0.19	BJ
F72T2K		93.38	0.70	0.75	93.49	0.76	0.79	BJ
G7EG3C		91.58	-1.10	-1.18	91.58	-1.15	-1.21	BH
H2FKVW	X	91.39	-1.29	-1.38	92.21	-0.52	-0.54	XR
K36VHV		92.41	-0.26	-0.28	92.25	-0.48	-0.50	BJ
LBEBBN		92.64	-0.04	-0.04	92.81	0.08	0.09	BJ
M64QE3		92.28	-0.39	-0.42	92.22	-0.51	-0.54	HC
PG9P27		91.08	-1.60	-1.72	91.24	-1.49	-1.56	BJ
RDZCAJ		92.86	0.19	0.20	92.99	0.26	0.27	BJ
RFR4QV		93.28	0.60	0.64	93.26	0.53	0.56	BJ
RJNY44		90.68	-2.00	-2.15	90.85	-1.88	-1.97	HL
TKCPQT		91.41	-1.26	-1.36	91.34	-1.39	-1.45	XR
U8663U		93.16	0.49	0.52	93.43	0.70	0.73	BJ
UB87XP		93.96	1.29	1.38	93.98	1.25	1.30	BJ
UCVFV6		93.15	0.47	0.51	93.41	0.68	0.71	BJ
UJYH3Q		93.38	0.70	0.75	93.48	0.75	0.78	BJ
V87A4N		91.78	-0.89	-0.96	91.94	-0.79	-0.83	XR
XBWGKN		94.43	1.75	1.88	94.54	1.81	1.89	BJ
YKDNDA		93.16	0.49	0.52	93.21	0.48	0.51	BJ

Summary Statistics

	Sample D49	Sample D50
Grand Means	92.676 Percent	92.730 Percent
Stnd Dev Btwn Labs	0.931 Percent	0.955 Percent

Statistics based on 23 of 25 reporting participants

Sample D49: LDPE & Sample D50: LDPE

Comments on Assigned Data Flags for Test #786

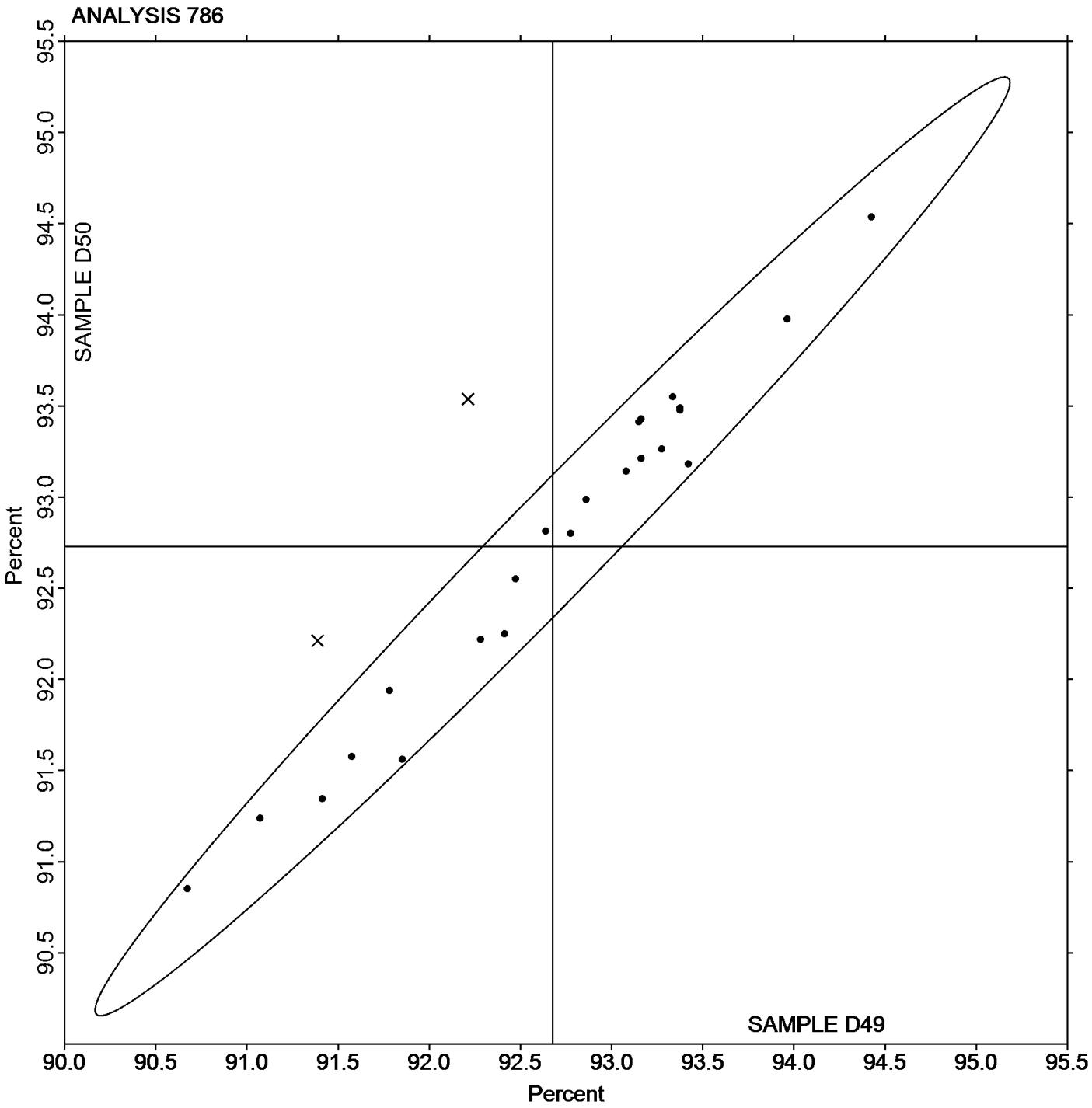
6AVVPA (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample D49.

H2FKVW (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample D50.

Key to Instrument Codes Reported by Participants

BH	BYK-Gardner/Pacific Scientific Model XL-211	BJ	BYK-Gardner Haze-Gard Plus
HC	Hunterlab ColorQuest	HL	Hunterlab Ultrascan XE
XR	X-Rite Spectrocolorimeter (any model)		

Grand Mean Sample D49: 92.676 Percent Grand Mean Sample D50: 92.730 Percent



WebCode	Data Flag	Sample S49 Lab Mean	Sample S49 Diff from Grand Mean	Sample S49 CPV	Sample S50 Lab Mean	Sample S50 Diff from Grand Mean	Sample S50 CPV	Instr Code
2K8Z2N	*	2.16	0.40	2.64	2.04	0.30	2.04	WZ
3HB6U7		1.68	-0.08	-0.53	1.66	-0.08	-0.55	WZ
4FR3TR		1.76	0.00	0.01	1.73	-0.01	-0.05	TO
6EN4PA		1.71	-0.05	-0.32	1.68	-0.06	-0.40	TM
6F49LM		1.72	-0.04	-0.26	1.70	-0.04	-0.27	TO
6YGW4E		1.85	0.09	0.57	1.72	-0.02	-0.14	TM
7B4GRF		1.63	-0.13	-0.87	1.68	-0.06	-0.38	TM
7FXEEL		1.84	0.08	0.51	1.76	0.02	0.10	TM
7NXPWC		1.81	0.05	0.35	1.82	0.08	0.52	WZ
8KUBND		1.77	0.01	0.07	1.77	0.03	0.22	TO
8XW26B		1.80	0.05	0.30	1.76	0.02	0.13	CE
9WCRLA		1.78	0.02	0.11	1.78	0.04	0.29	TO
9XBMGY		1.71	-0.05	-0.34	1.71	-0.04	-0.24	WZ
BT9F3E		1.64	-0.12	-0.76	1.60	-0.14	-0.95	TM
CCF34C		1.69	-0.07	-0.46	1.62	-0.12	-0.84	TO
CGT33P		1.54	-0.22	-1.43	1.52	-0.22	-1.49	TO
EJUU6M		1.51	-0.25	-1.65	1.53	-0.21	-1.42	CE
ETZMK9		1.80	0.04	0.28	1.77	0.03	0.20	CE
F4WZA8		1.66	-0.10	-0.65	1.70	-0.04	-0.28	TO
FPXZR6		1.64	-0.12	-0.79	1.61	-0.13	-0.85	XX
FX6Q3U		1.75	-0.01	-0.07	1.74	0.00	-0.01	TM
GPQJM3		1.66	-0.10	-0.63	1.64	-0.10	-0.65	TO
JB6NMW		1.63	-0.13	-0.87	1.63	-0.11	-0.75	CE
K36VHV		1.73	-0.03	-0.18	1.70	-0.04	-0.29	CE
KBZN2M		1.62	-0.14	-0.90	1.54	-0.20	-1.33	TO
KEF2VH		1.64	-0.12	-0.77	1.61	-0.13	-0.91	TO
L2QQKW	X	1.93	0.17	1.11	2.05	0.31	2.10	TO
LBEBBN		1.82	0.06	0.38	1.80	0.06	0.41	TM
LEDXFC		1.78	0.02	0.14	1.72	-0.02	-0.12	XX
LGGQDH		1.74	-0.02	-0.11	1.74	0.00	-0.01	TO
LHD4ZA		1.58	-0.18	-1.19	1.55	-0.19	-1.31	WZ
LN3EJL		1.76	0.00	0.01	1.71	-0.03	-0.19	BA
M64QE3	*	2.09	0.33	2.18	2.14	0.40	2.69	CE
M7H36L		1.75	-0.01	-0.09	1.71	-0.03	-0.22	TO
MLR4QA		1.48	-0.28	-1.81	1.48	-0.27	-1.79	XX

WebCode	Data Flag	Sample S49 Lab Mean	Sample S49 Diff from Grand Mean	Sample S49 CPV	Sample S50 Lab Mean	Sample S50 Diff from Grand Mean	Sample S50 CPV	Instr Code
N3R9XJ		2.08	0.32	2.08	2.03	0.29	1.94	XX
NACJTY		1.86	0.10	0.65	1.86	0.11	0.78	TM
NE4T3X		1.86	0.10	0.63	1.93	0.19	1.27	TO
RQLNLT	*	1.36	-0.40	-2.64	1.35	-0.39	-2.62	DS
RYHNYZ		1.76	0.00	0.02	1.72	-0.02	-0.13	TO
UFFEEU		1.65	-0.11	-0.72	1.64	-0.10	-0.65	TO
UJYH3Q		1.78	0.02	0.11	1.79	0.05	0.33	TY
UL6U6L		1.69	-0.07	-0.48	1.72	-0.02	-0.13	TO
UVVHZN		1.81	0.05	0.35	1.81	0.07	0.47	TO
VB6K2A		1.87	0.11	0.70	1.92	0.18	1.20	WZ
VDPJ7R		2.02	0.26	1.71	2.02	0.28	1.89	XX
VJVFQR		1.75	0.00	-0.03	1.71	-0.03	-0.19	TM
VZ2KD4		1.62	-0.13	-0.88	1.70	-0.04	-0.26	TM
WZJ4JM		1.80	0.04	0.28	1.73	-0.01	-0.07	CE
X3X6VK		1.95	0.19	1.27	1.87	0.13	0.89	TO
YC8MDH		1.71	-0.04	-0.29	1.70	-0.04	-0.28	TO
YQ6YLM		1.82	0.06	0.38	1.79	0.05	0.36	TO
YQMKHJ		2.02	0.26	1.71	2.02	0.28	1.90	TO
Z4KBE9		1.75	-0.01	-0.07	1.80	0.06	0.37	CE
ZAV8JH		2.06	0.30	1.94	1.96	0.22	1.48	TM
ZQJKXA		1.82	0.06	0.42	1.79	0.04	0.30	CE

Summary Statistics

	Sample S49	Sample S50
Grand Means	1.759 ft.lbf/in	1.741 ft.lbf/in
Stnd Dev Btwn Labs	0.153 ft.lbf/in	0.148 ft.lbf/in

Statistics based on 55 of 56 reporting participants

Sample S49: HIPS & Sample S50: HIPS

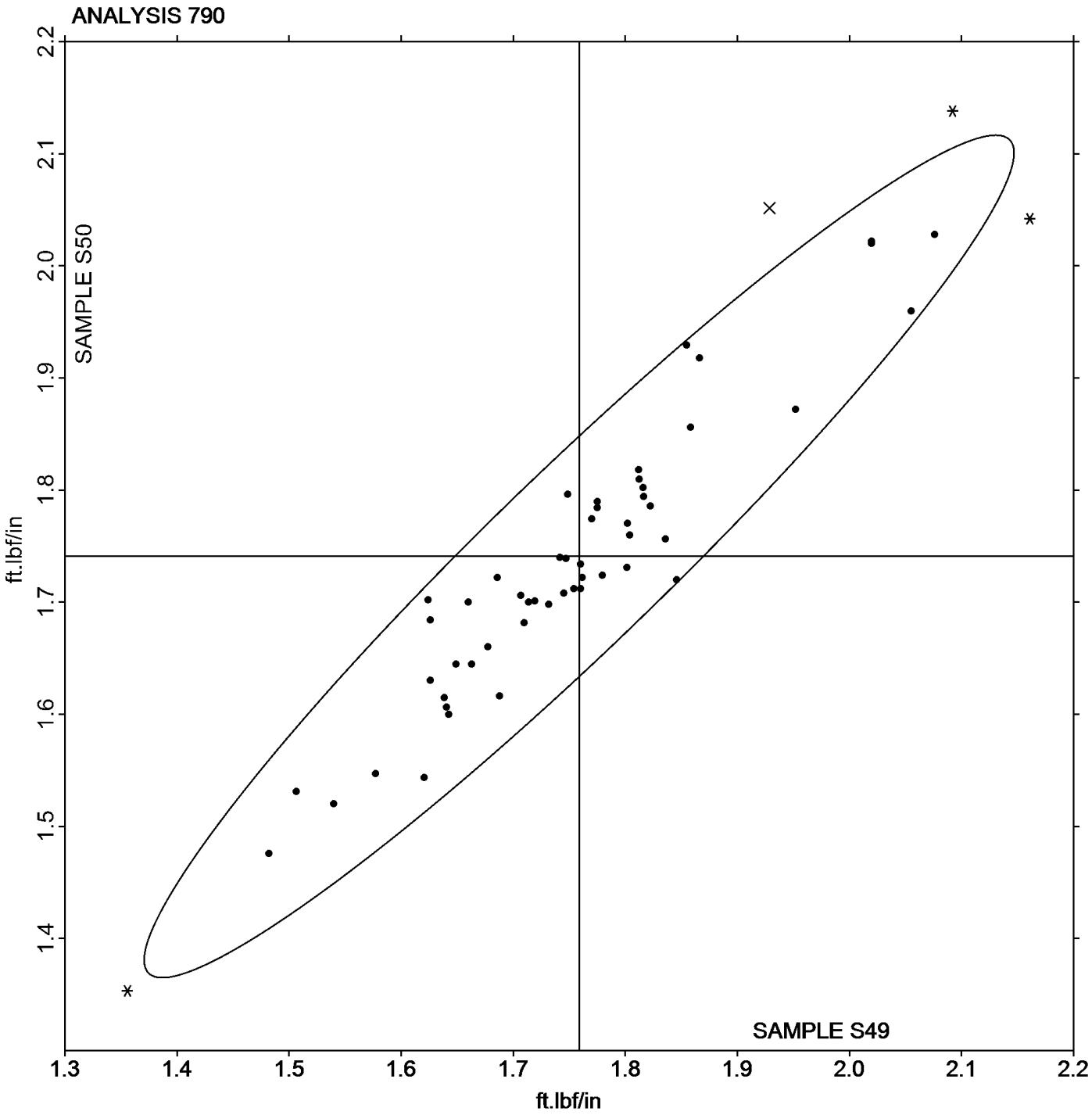
Comments on Assigned Data Flags for Test #790

L2QQKW (X) - Inconsistent in testing between samples.

Key to Instrument Codes Reported by Participants

BA	Baldwin	CE	Ceast
DS	Dynisco	TM	TMI
TO	Tinius Olsen	TY	Toyoseiki
WZ	Zwick	XX	Instrument manufacturer not specified by lab

Grand Mean Sample S49: 1.7587 ft.lbf/in Grand Mean Sample S50: 1.7408 ft.lbf/in



WebCode	Data Flag	Sample Z49 Lab Mean	Sample Z49 Diff from Grand Mean	Sample Z49 CPV	Sample Z50 Lab Mean	Sample Z50 Diff from Grand Mean	Sample Z50 CPV	Instr Code
2DQHRM		15.63200	-2.35922	-2.70	15.91340	-2.09936	-2.07	CE
9XBMGY		18.59000	0.59878	0.69	18.52400	0.51124	0.50	WZ
BKX8MY	*	17.88000	-0.11122	-0.13	16.30200	-1.71076	-1.68	CE
F4WZA8		17.95000	-0.04122	-0.05	17.27600	-0.73676	-0.72	TO
G29RU6		18.27800	0.28678	0.33	18.70600	0.69324	0.68	CE
HVBW2V		17.71760	-0.27362	-0.31	17.60700	-0.40576	-0.40	TO
JE33AL		18.35000	0.35878	0.41	17.93800	-0.07476	-0.07	WZ
KEF2VH		18.74800	0.75678	0.87	18.92800	0.91524	0.90	TO
KUBPM9		19.17640	1.18518	1.36	19.55120	1.53844	1.51	TM
LLW2NZ		18.92800	0.93678	1.07	19.05000	1.03724	1.02	TM
MKF8L6		17.35000	-0.64122	-0.73	17.39000	-0.62276	-0.61	WZ
MLPEMD		17.74200	-0.24922	-0.29	18.67600	0.66324	0.65	IN
NHLXRU		17.86400	-0.12722	-0.15	17.82200	-0.19076	-0.19	WZ
PY79TM		18.00000	0.00878	0.01	18.60000	0.58724	0.58	TM
QWX7QN		18.79000	0.79878	0.91	19.05400	1.04124	1.02	TO
UJYH3Q		18.15400	0.16278	0.19	17.94600	-0.06676	-0.07	XX
V3764P		18.32000	0.32878	0.38	18.37200	0.35924	0.35	XX
XG37TV		16.37200	-1.61922	-1.85	16.57400	-1.43876	-1.42	CE

Summary Statistics

	Sample Z49	Sample Z50
Grand Means	17.991222 kJ/m^2	18.012756 kJ/m^2
Stnd Dev Btwn Labs	0.873241 kJ/m^2	1.016511 kJ/m^2

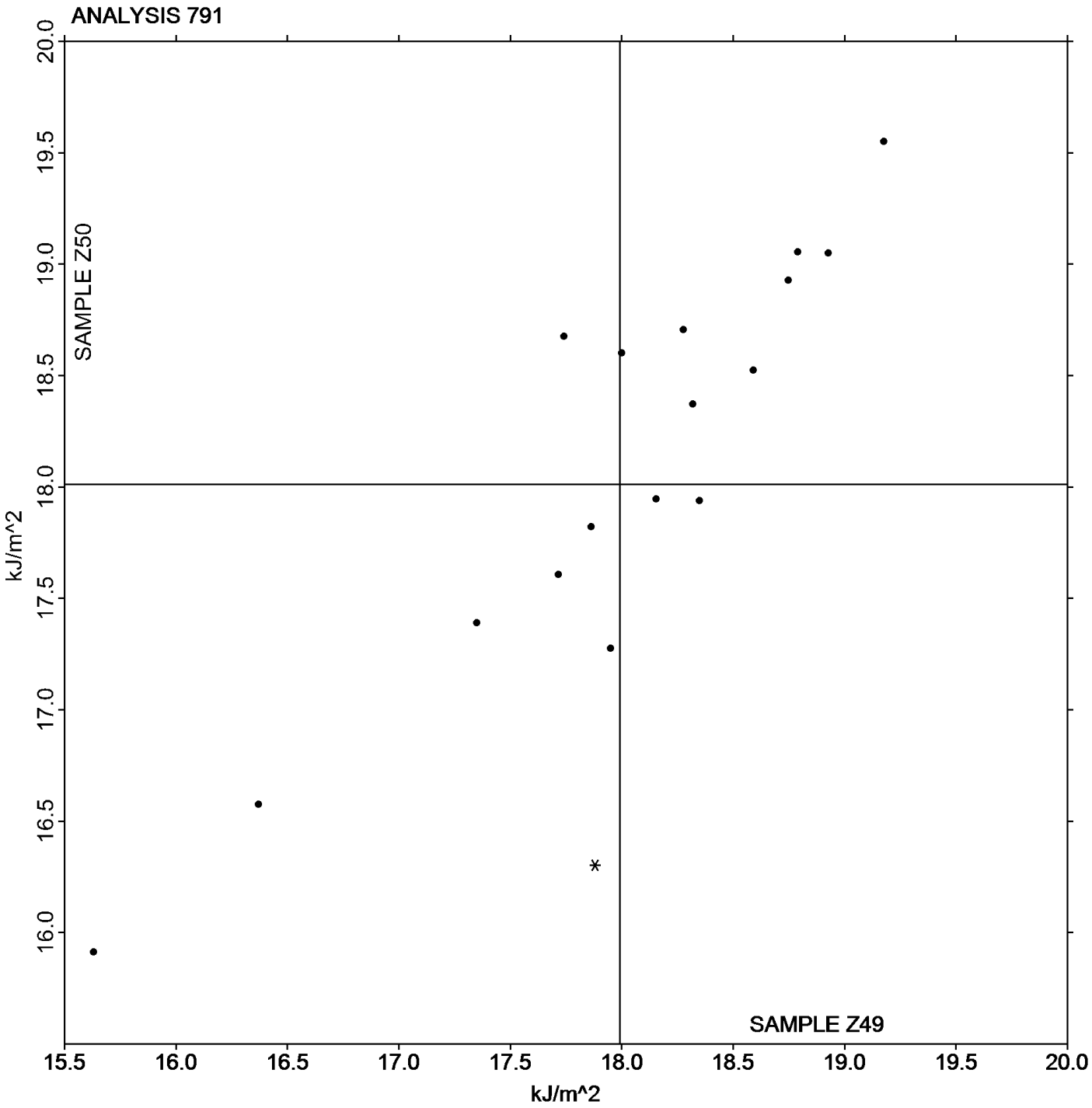
Statistics based on 18 of 18 reporting participants

Sample Z49: ABS & Sample Z50: ABS

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample Z49: 17.991 kJ/m^2 Grand Mean Sample Z50: 18.013 kJ/m^2



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

WebCode	Data Flag	Sample M49 Lab Mean	Sample M49 Diff from Grand Mean	Sample M49 CPV	Sample M50 Lab Mean	Sample M50 Diff from Grand Mean	Sample M50 CPV	Instr Code
2DQHRM		17.39	-1.63	-2.21	17.81	-1.01	-1.61	CE
3HB6U7		17.26	-1.76	-2.40	17.71	-1.11	-1.77	WZ
6BXJCF		19.57	0.55	0.75	18.83	0.01	0.01	CE
6YE9F9		19.02	0.00	0.00	18.47	-0.35	-0.56	PO
7BJVZP		19.08	0.06	0.08	18.67	-0.16	-0.25	TO
9CC9VG		18.67	-0.34	-0.47	18.49	-0.34	-0.54	XX
9XBMGY		19.53	0.51	0.70	18.83	0.01	0.01	WZ
BKX8MY		18.55	-0.46	-0.63	18.71	-0.11	-0.18	CE
DUC3EA	X	24.64	5.62	7.65	24.18	5.36	8.48	TO
EJUU6M		19.57	0.55	0.75	19.48	0.66	1.04	CE
ETZMK9		20.09	1.08	1.46	19.34	0.52	0.82	CE
FPXZR6		18.07	-0.95	-1.29	17.68	-1.15	-1.82	XX
HVBW2V		18.40	-0.62	-0.84	18.21	-0.62	-0.97	TO
JB6NMW		19.46	0.44	0.60	19.56	0.74	1.16	IN
JE33AL		20.08	1.06	1.44	19.39	0.57	0.90	WZ
KBZN2M		18.89	-0.13	-0.17	19.44	0.62	0.98	TO
KEF2VH		18.39	-0.63	-0.86	17.66	-1.16	-1.84	TO
KUBPM9		18.13	-0.89	-1.20	18.20	-0.63	-0.99	TM
LBEBBN		19.40	0.39	0.53	19.03	0.20	0.32	TM
LEDXFC		18.02	-0.99	-1.35	18.09	-0.73	-1.16	XX
LLW2NZ		19.60	0.58	0.79	19.16	0.34	0.53	TM
MKF8L6		19.56	0.54	0.74	19.41	0.59	0.93	WZ
MX2RPY		19.43	0.42	0.57	19.01	0.18	0.29	TM
NHLXRU		19.08	0.07	0.09	18.54	-0.28	-0.44	WZ
PAQEPQ		19.67	0.65	0.88	19.40	0.57	0.91	TM
QEWBAQ		19.76	0.74	1.01	19.06	0.24	0.37	WZ
QWX7QN		18.74	-0.28	-0.38	18.65	-0.18	-0.28	TO
UJYH3Q		19.02	0.00	0.00	19.29	0.47	0.74	TY
UUEAQZ		18.78	-0.24	-0.32	18.42	-0.40	-0.64	CE
UVVHZN	*	19.94	0.92	1.26	20.32	1.50	2.37	TO
V3764P		17.86	-1.15	-1.57	18.03	-0.79	-1.26	XX
VZ2KD4	X	14.54	-4.48	-6.09	14.92	-3.91	-6.19	TM
WZJ4JM		19.14	0.13	0.17	18.96	0.14	0.22	CE
XG37TV		18.65	-0.36	-0.49	19.10	0.27	0.43	CE
Z4KBE9		19.66	0.64	0.87	19.42	0.60	0.94	CE

WebCode	Data Flag	Sample M49 Lab Mean	Sample M49 Diff from Grand Mean	Sample M49 CPV	Sample M50 Lab Mean	Sample M50 Diff from Grand Mean	Sample M50 CPV	Instr Code
ZKRK9G		19.75	0.74	1.00	19.34	0.51	0.81	WZ
ZL7V6Z		19.38	0.36	0.49	19.15	0.32	0.51	TO

Summary Statistics

	Sample M49	Sample M50
Grand Means	19.017 kJ/m^2	18.825 kJ/m^2
Stnd Dev Btwn Labs	0.735 kJ/m^2	0.631 kJ/m^2

Statistics based on 35 of 37 reporting participants

Sample M49: ABS & Sample M50: ABS

Comments on Assigned Data Flags for Test #792

DUC3EA (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample M50.

VZ2KD4 (X) - Data for both samples are low. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample M49: 19.017 kJ/m ^ 2 Grand Mean Sample M50: 18.825 kJ/m ^ 2