Collaborative Testing Services, Inc.

Plastics Interlaboratory Testing Program

Web Summary Report #98, 2nd Qtr 2016

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 #98, 2nd Qtr 2016

Analysis 704 - Tensile Stress at Yield				
Material: ABS/PC	Sample F35	9,622.99	psi	1.48% COV
	Sample F36	9,330.73	psi	1.62% COV
Analysis 705 - Tensile Stress at Break				
Material: ABS/PC	Sample F35	6,929.95	psi	2.05% COV
	Sample F36	6,889.63	psi	2.30% COV
Analysis 706 - Percent Elongation at Yield				
Material: ABS/PC	Sample F35	3.6242	Percent	2.63% COV
	Sample F36	3.5483	Percent	2.93% COV
Analysis 708 - Modulus of Elasticity				
Material: ABS/PC	Sample F35	412.19	ksi	5.64% COV
	Sample F36	413.80	ksi	5.33% COV
Analysis 710 - Deflection Temp. Under Flexural Load (1.82 MPa)				
Material: ABS/PC	Sample E35	108.35	Degrees C	2.27% COV
	Sample E36	107.98	Degrees C	2.20% COV
Analysis 711 - Deflection Temp. Under Flexural Load (0.455 MPa)				
Material: PP	Sample G35	78.010	Degrees C	2.00% COV
	Sample G36	77.203	Degrees C	3.02% COV
Analysis 712 - Temperature of Deflection (1.80 MPa)				
Material: HIPS	Sample N35	76.661	Degrees C	1.15% COV
	Sample N36	76.720	Degrees C	1.20% COV
Analysis 715 - Vicat Temperature (Rate A)				
Material: ABS/PC	Sample H35	139.40	Degrees C	2.54% COV
	Sample H36	139.28	Degrees C	2.48% COV
Analysis 716 - Vicat Temperature (Rate B)				
Material: ABS/PC	Sample R35	142.22	Degrees C	0.666% COV
	Sample R36	142.20	Degrees C	0.648% COV
Analysis 718 - Specific Gravity				
Material: HIPS	Sample T35	1.0293	sp gr 23/23 C	0.179% COV
	Sample T36	1.0294	sp gr 23/23 C	0.166% COV
Analysis 720 - Flexural Modulus				
Material: ABS/PC	Sample J35	342.81	ksi	4.23% COV
	Sample J36	343.18	ksi	4.27% COV
Analysis 721 - Flexural Stress at 5% Strain				
Material: ABS/PC	Sample J35	11,874.59	psi	3.71% COV
	Sample J36	11,914.35	psi	3.90% COV
Analysis 722 - Flexural Stress at Yield				
Material: ABS/PC	Sample J35	12,078.02	psi	4.31% COV
	Sample J36	12,121.99	psi	4.36% COV
Analysis 730 - Tensile Stress at Yield, ISO Method				
Material: ABS/PC	Sample C35	51.434	MPa	1.68% COV
	Sample C36	51.471	MPa	1.68% COV
Analysis 731 - Tensile Stress at Break, ISO Method				
Material: ABS/PC	Sample C35	42.789	MPa	2.24% COV
	Sample C36	43.050	MPa	2.41% COV

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Analysis 732 - Strain at Yield, ISO Method				
Material: ABS/PC	Sample C35	4.8766	Percent	2.25% COV
	Sample C36	4.8522	Percent	2.27% COV
Analysis 734 - Modulus of Elasticity, ISO Method				
Material: ABS/PC	Sample C35	2,256.00	MPa	3.98% COV
	Sample C36	2,244.68	MPa	4.03% COV
Analysis 736 - Flexural Modulus				
Material: ABS/PC	Sample K35	2,264.12	MPa	3.87% COV
	Sample K36	2,261.56	MPa	3.73% COV
Analysis 737 - Flexural Stress at 3.5% Strain				
Material: ABS/PC	Sample K35	69.979	MPa	2.70% COV
	Sample K36	69.942	MPa	2.61% COV
Analysis 738 - Flexural Stress at Yield				
Material: ABS/PC	Sample K35	81.628	MPa	3.19% COV
	Sample K36	81.664	MPa	2.87% COV
Analysis 750 - Flow Rate (190C or 230C/2.16 kg)				
Material: PP	Sample X35	14.970	grams/10 mins	4.61% COV
	Sample X36	14.944	grams/10 mins	4.35% COV
Analysis 755 - Moisture Content				
Material: ABS/PC	Sample Y35	0.09610	Percent	19.8% COV
	Sample Y36	0.09796	Percent	19.5% COV
Analysis 757 - Ash Content				
Material: PP	Sample L35	19.750	Percent	0.276% COV
	Sample L36	19.759	Percent	0.264% COV
Analysis 760 - DSC				
Material: PP	Sample W35	109.51	Degrees Celsius	2.81% COV
	Sample W36	109.44	Degrees Celsius	2.91% COV
Analysis 761 - DSC				
Material: PP	Sample W35	166.58	Degrees Celsius	2.60% COV
	Sample W36	166.58	Degrees Celsius	2.48% COV
Analysis 762 - DSC				
Material: PP	Sample W35	69.409	Joules Per Gram	6.77% COV
	Sample W36	71.076	Joules Per Gram	6.76% COV
Analysis 763 - DSC				
Material: PP	Sample W35	59.854	Joules Per Gram	28.4% COV
	Sample W36	62.012	Joules Per Gram	29.1% COV
Analysis 764 - DSC				
Material: PET	Sample V35	86.980	Degrees Celsius	1.72% COV
	Sample V36	86.996	Degrees Celsius	1.64% COV
Analysis 770 - Tensile Stress at Yield, Films				
Material: LDPE	Sample B35	2,547.85	psi	27.1% COV
	Sample B36	2,537.11	psi	27.1% COV
Analysis 771 - Tensile Stress at Break, Films				
Material: LDPE	Sample B35	3,307.84	psi	5.48% COV
	Sample B36	3,305.95	psi	5.64% COV

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Analysis 772 - Elongation at Yield, Films				
Material: LDPE	Sample B35	137.68	Percent	93.1% COV
	Sample B36	134.53	Percent	92.5% COV
Analysis 773 - Elongation at Break, Films				
Material: LDPE	Sample B35	354.88	Percent	22.7% COV
	Sample B36	348.80	Percent	19.8% COV
Analysis 774 - Thickness of Film Specimens				
Material: LDPE	Sample B35	2.6350	mils	3.54% COV
	Sample B36	2.6273	mils	3.00% COV
Analysis 775 - Secant Modulus at 1% Strain				
Material: LDPE	Sample B35	33,975.89	psi	20.0% COV
	Sample B36	33,573.19	psi	20.1% COV
Analysis 776 - Secant Modulus at 2% Strain				
Material: LDPE	Sample B35	29,148.21	psi	13.7% COV
	Sample B36	28,735.78	psi	14.4% COV
Analysis 780 - Static Friction				
Material: LDPE	Sample P35	0.14493	COF	34.0% COV
	Sample P36	0.15152	COF	32.1% COV
Analysis 781 - Kinetic Friction				
Material: LDPE	Sample P35	0.11531	COF	42.9% COV
	Sample P36	0.12357	COF	40.4% COV
Analysis 782 - Tear Resistance of Film				
Material: LDPE	Sample Q35	820.87	grams-force	15.8% COV
	Sample Q36	864.45	grams-force	14.6% COV
Analysis 785 - Percent Haze				
Material: LDPE	Sample D35	24.035	Percent	4.91% COV
	Sample D36	15.772	Percent	6.50% COV
Analysis 786 - Total Transmittance				
Material: LDPE	Sample D35	92.292	Percent	1.27% COV
	Sample D36	92.600	Percent	1.14% COV
Analysis 790 - Notched Izod Impact				
Material: ABS/PC	Sample S35	2.4471	ft.lbf/in	15.0% COV
	Sample S36	2.4376	ft.lbf/in	16.0% COV
Analysis 791 - Notched Izod Impact				
Material: HIPS	Sample Z35	12.629	kJ/m^2	7.31% COV
	Sample Z36	12.685	kJ/m^2	4.89% COV
Analysis 792 - Notched Charpy Impact				
Material: ABS/PC	Sample M35	46.800	kJ/m^2	6.48% COV
	Sample M36	46.827	kJ/m^2	5.60% COV

WebCode	Data Flag	Sample F35 Lab Mean	Sample F35 Diff from Grand Mean	Sample F35 CPV	Sample F36 Lab Mean	Sample F36 Diff from Grand Mean	Sample F36 CPV
2D4A6C		9,573.2	-49.8	-0.35	9,278.1	-52.6	-0.35
2JATVP		9,768.0	145.0	1.02	9,476.2	145.5	0.96
3R3M9E		9,732.8	109.8	0.77	9,280.4	-50.3	-0.33
3TX7AF		9,783.7	160.7	1.13	9,447.3	116.6	0.77
4DYDA7	*	9,240.6	-382.4	-2.69	8,933.8	-396.9	-2.62
6M2X3Q		9,562.2	-60.8	-0.43	9,258.2	-72.5	-0.48
7K7TWW		9,570.4	-52.6	-0.37	9,360.0	29.3	0.19
86643P		9,420.2	-202.8	-1.42	9,091.7	-239.1	-1.58
8Q8PT3		9,601.6	-21.4	-0.15	9,500.1	169.3	1.12
8TGFBJ		9,750.1	127.1	0.89	9,411.9	81.1	0.54
8V2JQ4		9,612.6	-10.4	-0.07	9,295.2	-35.5	-0.23
9G36ET		9,652.0	29.0	0.20	9,382.0	51.3	0.34
9XNHG7		9,557.4	-65.6	-0.46	9,205.2	-125.5	-0.83
AVE6NN		9,727.8	104.8	0.74	9,496.0	165.3	1.09
AVJZDA		9,659.4	36.4	0.26	9,399.4	68.7	0.45
AWQFKF		9,766.4	143.4	1.01	9,470.8	140.1	0.93
CMDRGK		9,561.0	-62.0	-0.44	9,169.4	-161.4	-1.07
EKX8KF		9,316.6	-306.4	-2.15	9,059.6	-271.1	-1.79
F8QBTK	X	7,594.4	-2,028.6	-14.25	7,404.2	-1,926.5	-12.74
GAV74Z		9,505.9	-117.1	-0.82	9,233.2	-97.5	-0.64
GHLJA2		9,669.0	46.0	0.32	9,386.8	56.1	0.37
HXT3KY		9,464.0	-159.0	-1.12	9,284.0	-46.7	-0.31
J78CED		9,439.0	-184.0	-1.29	9,199.8	-130.9	-0.87
JRAZ7A	X	9,526.4	-96.6	-0.68	9,848.3	517.6	3.42
KNKBY2		9,652.1	29.1	0.20	9,352.1	21.4	0.14
LA2R4C		9,712.8	89.8	0.63	9,337.2	6.5	0.04
LZNKZA		9,527.8	-95.2	-0.67	9,269.9	-60.8	-0.40
MFZQZU	*	9,630.0	7.0	0.05	9,115.8	-214.9	-1.42
MRUA7D		9,574.9	-48.1	-0.34	9,296.7	-34.0	-0.22
MTMMPB		9,501.4	-121.6	-0.85	9,221.6	-109.1	-0.72
N74ANV		9,840.8	217.8	1.53	9,671.8	341.1	2.25
N7QN77		9,472.4	-150.6	-1.06	9,201.8	-128.9	-0.85
NCXF9C	*	9,686.6	63.6	0.45	9,618.4	287.7	1.90
NLL9MU		9,934.9	311.9	2.19	9,614.3	283.6	1.87
P4VEJH	X	9,825.5	202.5	1.42	9,193.4	-137.3	-0.91

WebCode	Data Flag	Sample F35 Lab Mean	Sample F35 Diff from Grand Mean	Sample F35 CPV	Sample F36 Lab Mean	Sample F36 Diff from Grand Mean	Sample F36 CPV
P6UKZC	X	8,955.5	-667.5	-4.69	8,705.2	-625.5	-4.14
PH3EK3		9,850.2	227.2	1.60	9,535.4	204.7	1.35
PVNQVC		9,725.6	102.6	0.72	9,438.4	107.7	0.71
Q36JM2		9,594.6	-28.4	-0.20	9,257.8	-72.9	-0.48
Q7XYKM		9,645.2	22.2	0.16	9,304.2	-26.5	-0.18
Q7YRFA		9,550.8	-72.2	-0.51	9,297.9	-32.9	-0.22
Q8THLP		9,482.8	-140.2	-0.99	9,134.4	-196.3	-1.30
QTCUN6		9,748.2	125.2	0.88	9,359.4	28.7	0.19
RJZP48	X	9,853.2	230.2	1.62	9,166.0	-164.7	-1.09
TWNXQZ		9,840.8	217.8	1.53	9,472.8	142.1	0.94
U4J2PA		9,681.8	58.8	0.41	9,516.7	185.9	1.23
U4KCP7		9,659.6	36.6	0.26	9,218.7	-112.1	-0.74
UABPQU		9,513.0	-110.0	-0.77	9,284.6	-46.1	-0.30
UFCYWM		9,666.7	43.7	0.31	9,249.8	-80.9	-0.53
ULLYG6		9,426.0	-197.0	-1.38	9,274.0	-56.7	-0.38
UNTHE2		9,687.7	64.7	0.45	9,341.4	10.7	0.07
V4XPQ2		9,445.4	-177.6	-1.25	9,120.8	-209.9	-1.39
VMCKM2		9,838.4	215.4	1.51	9,564.6	233.9	1.55
VRLX6Z		9,685.4	62.4	0.44	9,314.8	-15.9	-0.11
W2Q7LL		9,493.1	-129.9	-0.91	9,392.2	61.5	0.41
WYZ772		9,497.6	-125.4	-0.88	9,188.4	-142.3	-0.94
XHVYQZ		9,717.6	94.6	0.66	9,369.5	38.8	0.26
XP8BJQ		9,569.4	-53.6	-0.38	9,421.4	90.7	0.60
YAEZAU		9,908.5	285.5	2.01	9,612.9	282.2	1.87
YGMNVE		9,630.9	7.9	0.06	9,268.9	-61.9	-0.41
YHKYT3		9,560.8	-62.2	-0.44	9,263.3	-67.4	-0.45
ZEFP2X	X	9,069.6	-553.4	-3.89	8,870.8	-459.9	-3.04

Summary Statistics

	Sample F35	Sample F36
Grand Means	9,622.99 psi	9,330.73 psi
Stnd Dev Btwn Labs	142.32 psi	151.27 psi

Statistics based on 56 of 62 reporting participants

Sample F35: ABS/PC & Sample F36: ABS/PC

Comments on Assigned Data Flags for Test #704

JRAZ7A (X) - Data for sample F36 are high.

P4VEJH (X) - Inconsistent in testing between samples.

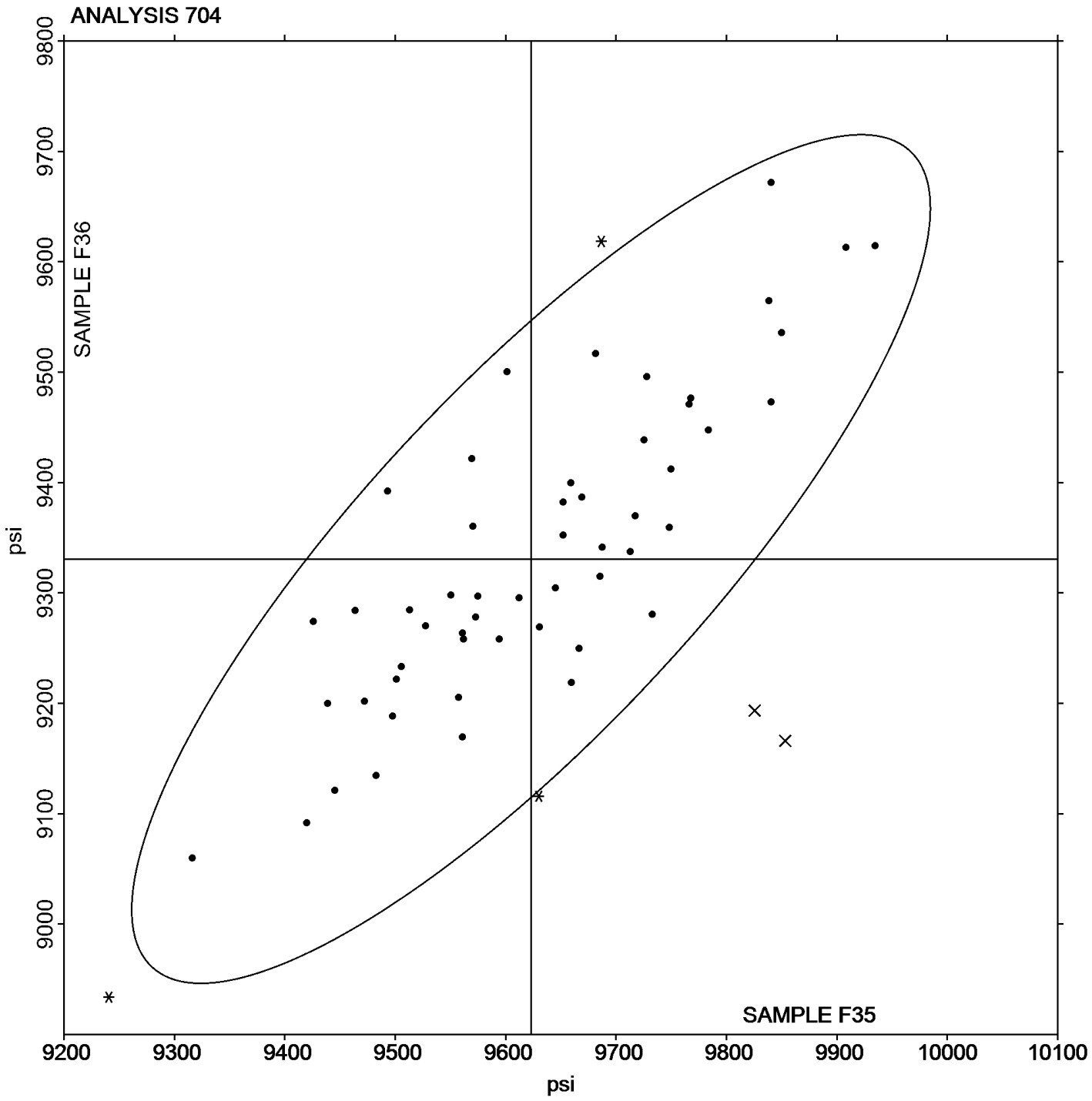
P6UKZC (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample F35.

ZEFP2X (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample F36.

RJZP48 (X) - Inconsistent in testing between samples.

F8QBTK (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample F35: 9,622.99 psi Grand Mean Sample F36: 9,330.73 psi



WebCode	Data Flag	Sample F35 Lab Mean	Sample F35 Diff from Grand Mean	Sample F35 CPV	Sample F36 Lab Mean	Sample F36 Diff from Grand Mean	Sample F36 CPV
2D4A6C		6,964.5	34.5	0.24	6,702.8	-186.8	-1.18
2JATVP		7,054.2	124.2	0.87	7,055.4	165.8	1.05
3R3M9E		6,866.2	-63.8	-0.45	6,717.8	-171.8	-1.09
3TX7AF		7,001.6	71.7	0.50	7,080.6	191.0	1.21
4DYDA7		6,760.8	-169.2	-1.19	6,711.9	-177.7	-1.12
6M2X3Q		6,770.4	-159.6	-1.12	6,817.6	-72.0	-0.46
7K7TWW		6,862.9	-67.0	-0.47	6,945.3	55.6	0.35
86643P		6,787.4	-142.6	-1.00	6,670.6	-219.0	-1.39
8Q8PT3		6,819.7	-110.2	-0.77	6,866.1	-23.5	-0.15
8TGFBJ		6,843.8	-86.1	-0.61	6,808.1	-81.5	-0.52
8V2JQ4		6,858.2	-71.8	-0.50	6,912.0	22.4	0.14
9G36ET		6,929.2	-0.8	-0.01	6,896.8	7.2	0.05
9XNHG7		6,965.0	35.0	0.25	7,008.4	118.8	0.75
AVE6NN		7,078.8	148.8	1.05	6,954.6	65.0	0.41
AVJZDA		6,986.6	56.6	0.40	6,968.4	78.8	0.50
AWQFKF		6,991.0	61.0	0.43	6,937.8	48.2	0.30
CMDRGK		6,947.4	17.4	0.12	6,668.9	-220.7	-1.40
EKX8KF		6,695.6	-234.4	-1.65	6,795.2	-94.4	-0.60
F8QBTK		7,156.8	226.8	1.59	7,052.2	162.6	1.03
GAV74Z	*	6,485.3	-444.7	-3.12	6,594.9	-294.7	-1.86
GHLJA2		6,969.8	39.8	0.28	6,948.0	58.4	0.37
J78CED		6,788.0	-142.0	-1.00	6,729.6	-160.0	-1.01
KNKBY2		6,872.8	-57.1	-0.40	6,763.5	-126.2	-0.80
LZNKZA		6,808.4	-121.6	-0.85	6,881.8	-7.8	-0.05
MFZQZU		7,032.8	102.8	0.72	6,717.0	-172.6	-1.09
MRUA7D		6,948.8	18.9	0.13	6,711.0	-178.7	-1.13
MTMMPB		6,741.2	-188.8	-1.33	6,725.2	-164.4	-1.04
N74ANV		7,218.0	288.0	2.02	7,228.8	339.2	2.14
N7QN77		6,812.8	-117.2	-0.82	6,903.0	13.4	0.08
NCXF9C		6,925.2	-4.8	-0.03	7,165.0	275.4	1.74
P4VEJH		7,085.7	155.8	1.09	6,773.3	-116.3	-0.74
P6UKZC	X	6,148.2	-781.8	-5.49	6,276.8	-612.9	-3.88
PH3EK3		7,179.0	249.0	1.75	7,175.0	285.4	1.80
PVNQVC		7,207.4	277.4	1.95	7,142.0	252.4	1.60
Q36JM2		6,929.7	-0.3	0.00	6,992.3	102.7	0.65

WebCode	Data Flag	Sample F35 Lab Mean	Sample F35 Diff from Grand Mean	Sample F35 CPV	Sample F36 Lab Mean	Sample F36 Diff from Grand Mean	Sample F36 CPV
Q7XYKM		6,960.2	30.2	0.21	6,820.6	-69.0	-0.44
Q7YRFA		6,862.4	-67.6	-0.47	6,990.3	100.7	0.64
Q8THLP		6,892.4	-37.6	-0.26	6,807.2	-82.4	-0.52
QTCUN6		7,016.0	86.0	0.60	6,935.6	46.0	0.29
RJZP48		6,978.2	48.3	0.34	6,650.0	-239.7	-1.52
TWNXQZ		7,146.6	216.6	1.52	7,094.4	204.8	1.29
U4J2PA		6,988.4	58.5	0.41	7,009.4	119.7	0.76
U4KCP7		7,019.9	89.9	0.63	6,883.6	-6.1	-0.04
UFCYWM		6,857.4	-72.5	-0.51	6,688.6	-201.0	-1.27
UNTHE2		7,056.1	126.2	0.89	6,896.3	6.7	0.04
VMCKM2		6,967.0	37.0	0.26	7,192.8	303.2	1.92
W2Q7LL		6,748.2	-181.7	-1.28	6,886.0	-3.7	-0.02
WYZ772		6,844.8	-85.2	-0.60	6,817.0	-72.6	-0.46
XHVYQZ		6,961.9	31.9	0.22	6,874.8	-14.8	-0.09
XP8BJQ		6,890.6	-39.4	-0.28	6,867.4	-22.2	-0.14
YAEZAU		7,131.8	201.8	1.42	7,134.9	245.3	1.55
YGMNVE		6,962.2	32.2	0.23	6,945.0	55.4	0.35
YHKYT3		6,728.6	-201.4	-1.41	6,745.8	-143.8	-0.91
ZEFP2X	X	9,113.5	2,183.5	15.34	8,928.3	2,038.7	12.89

Summary Statistics

	Sample F35	Sample F36
Grand Means	6,929.95 psi	6,889.63 psi
Stnd Dev Btwn Labs	142.34 psi	158.15 psi

Statistics based on 52 of 54 reporting participants

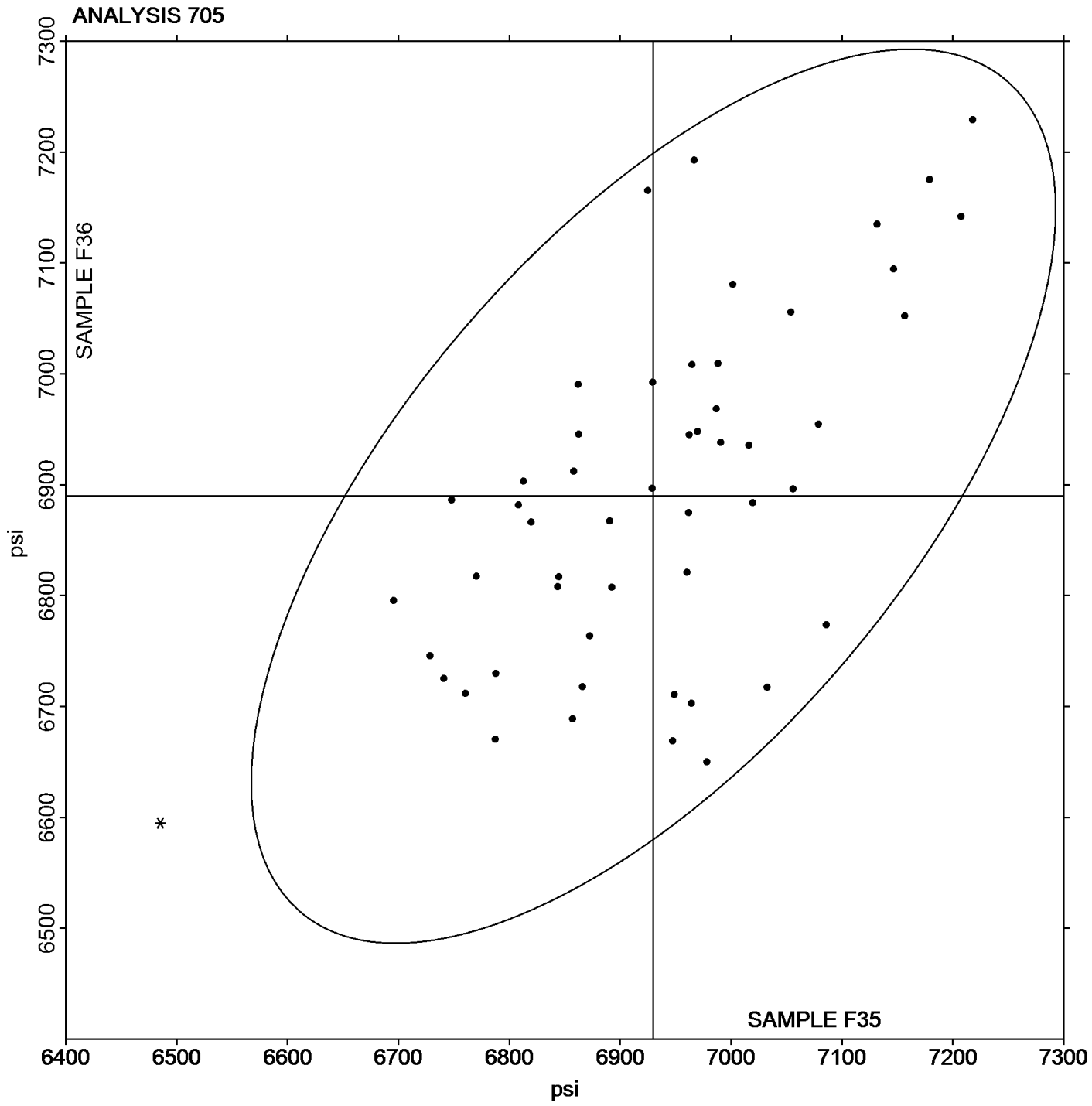
Sample F35: ABS/PC & Sample F36: ABS/PC

Comments on Assigned Data Flags for Test #705

P6UKZC (X) - Data for both samples are low.

ZEFP2X (X) - Data for both samples are high.

Grand Mean Sample F35: 6,929.95 psi Grand Mean Sample F36: 6,889.63 psi



WebCode	Data Flag	Sample F35 Lab Mean	Sample F35 Diff from Grand Mean	Sample F35 CPV	Sample F36 Lab Mean	Sample F36 Diff from Grand Mean	Sample F36 CPV
2D4A6C		3.698	0.074	0.77	3.496	-0.052	-0.50
2JATVP		3.430	-0.194	-2.03	3.306	-0.242	-2.33
3R3M9E		3.664	0.040	0.42	3.478	-0.070	-0.68
3TX7AF		3.664	0.040	0.42	3.558	0.010	0.09
4DYDA7	X	4.000	0.376	3.94	4.000	0.452	4.34
6M2X3Q		3.592	-0.032	-0.34	3.584	0.036	0.34
7K7TWW	*	3.697	0.073	0.77	3.787	0.239	2.30
86643P	*	3.532	-0.092	-0.97	3.296	-0.252	-2.42
8Q8PT3		3.600	-0.024	-0.25	3.520	-0.028	-0.27
8TGFBJ		3.802	0.178	1.86	3.710	0.162	1.55
8V2JQ4		3.512	-0.112	-1.17	3.494	-0.054	-0.52
9G36ET		3.652	0.028	0.29	3.566	0.018	0.17
9XNHG7		3.652	0.028	0.29	3.570	0.022	0.21
AVE6NN		3.708	0.084	0.88	3.570	0.022	0.21
AVJZDA		3.590	-0.034	-0.36	3.544	-0.005	-0.04
AWQFKF		3.610	-0.014	-0.15	3.518	-0.030	-0.29
CMDRGK		3.550	-0.074	-0.78	3.488	-0.060	-0.58
EKX8KF	X	5.186	1.562	16.36	5.220	1.672	16.06
F8QBTK	X	2.042	-1.582	-16.57	1.978	-1.570	-15.08
GHLJA2		3.774	0.150	1.57	3.632	0.084	0.80
HXT3KY		3.482	-0.142	-1.49	3.534	-0.014	-0.14
J78CED		3.600	-0.024	-0.25	3.556	0.008	0.07
KNKBY2		3.624	0.000	0.00	3.446	-0.102	-0.98
LA2R4C		3.690	0.066	0.69	3.660	0.112	1.07
LZNKZA		3.724	0.100	1.05	3.602	0.054	0.52
MTMMPB		3.520	-0.104	-1.09	3.400	-0.148	-1.42
N74ANV		3.700	0.076	0.79	3.680	0.132	1.26
N7QN77		3.630	0.006	0.06	3.530	-0.018	-0.18
NCXF9C		3.734	0.110	1.15	3.580	0.032	0.30
NLL9MU		3.578	-0.046	-0.48	3.548	0.000	0.00
P4VEJH	X	3.108	-0.516	-5.41	3.200	-0.348	-3.35
P6UKZC	X	3.367	-0.257	-2.69	3.131	-0.417	-4.00
PH3EK3		3.686	0.062	0.65	3.636	0.088	0.84
PVNQVC		3.694	0.070	0.73	3.610	0.062	0.59
Q7XYKM		3.684	0.060	0.63	3.650	0.102	0.98

WebCode	Data Flag	Sample F35 Lab Mean	Sample F35 Diff from Grand Mean	Sample F35 CPV	Sample F36 Lab Mean	Sample F36 Diff from Grand Mean	Sample F36 CPV
Q7YRFA	X	3.926	0.302	3.16	3.620	0.072	0.69
Q8THLP		3.574	-0.050	-0.53	3.456	-0.092	-0.89
QTCUN6		3.588	-0.036	-0.38	3.496	-0.052	-0.50
RJZP48	*	3.884	0.260	2.72	3.816	0.268	2.57
TWNXQZ	X	8.906	5.282	55.32	9.752	6.204	59.59
U4J2PA		3.614	-0.010	-0.11	3.588	0.040	0.38
U4KCP7	X	2.886	-0.738	-7.73	2.768	-0.780	-7.50
UABPQU		3.620	-0.004	-0.04	3.550	0.002	0.02
UFCYWM		3.457	-0.167	-1.75	3.449	-0.099	-0.95
UNTHE2		3.608	-0.016	-0.17	3.586	0.038	0.36
VMCKM2		3.590	-0.034	-0.36	3.606	0.058	0.55
VRLX6Z		3.530	-0.094	-0.99	3.400	-0.148	-1.42
W2Q7LL		3.442	-0.182	-1.91	3.477	-0.072	-0.69
WYZ772		3.630	0.006	0.06	3.460	-0.088	-0.85
XHVYQZ		3.520	-0.104	-1.09	3.576	0.028	0.27
XP8BJQ	X	33.060	29.436	308.29	22.500	18.952	182.04
YAEZAU	X	25.262	21.638	226.62	24.364	20.816	199.95
YGMNVE		3.708	0.084	0.88	3.570	0.022	0.21
ZEFP2X	X	0.224	-3.400	-35.61	0.224	-3.324	-31.93

Summary Statistics

	Sample F35	Sample F36
Grand Means	3.6242 Percent	3.5483 Percent
Stnd Dev Btwn Labs	0.0955 Percent	0.1041 Percent

Statistics based on 43 of 54 reporting participants

Sample F35: ABS/PC & Sample F36: ABS/PC

Comments on Assigned Data Flags for Test #706

U4KCP7 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

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

TWNXQZ (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample F36.

XP8BJQ (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

EKX8KF (X) - Data for both samples are high. Possible Systematic Error.

4DYDA7 (X) - Data for both samples are high. Possible Systematic Error.

P4VEJH (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

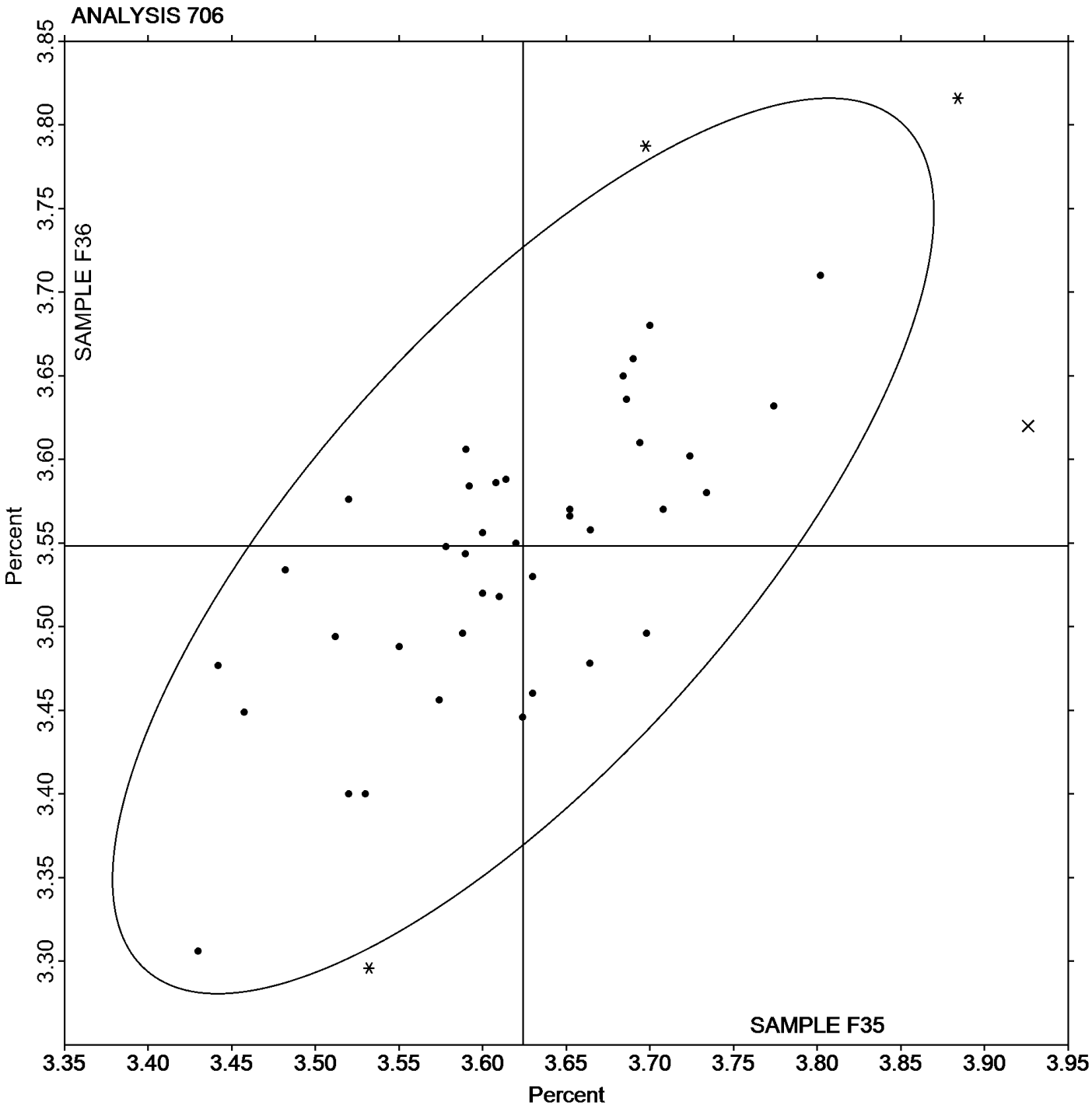
Q7YRFA (X) - Data for sample F35 are high. Inconsistent within the determinations of sample F36.

P6UKZC (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

ZEFP2X (X) - Data for both samples are low. Possible Systematic Error.

F8QBTK (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample F35: 3.6242 Percent Grand Mean Sample F36: 3.5483 Percent



WebCode	Data Flag	Sample F35 Lab Mean	Sample F35 Diff from Grand Mean	Sample F35 CPV	Sample F36 Lab Mean	Sample F36 Diff from Grand Mean	Sample F36 CPV
2D4A6C		405.24	-6.95	-0.30	402.11	-11.69	-0.53
2JATVP		443.20	31.01	1.33	456.44	42.64	1.93
3R3M9E		419.67	7.48	0.32	419.55	5.75	0.26
3TX7AF		424.76	12.58	0.54	433.19	19.39	0.88
4DYDA7	X	524.50	112.32	4.83	510.68	96.88	4.39
6M2X3Q		417.42	5.23	0.23	415.06	1.26	0.06
7K7TWW		405.30	-6.89	-0.30	405.46	-8.34	-0.38
86643P		421.92	9.73	0.42	441.04	27.24	1.24
8Q8PT3		390.07	-22.12	-0.95	402.83	-10.97	-0.50
8TGFBJ		398.63	-13.56	-0.58	400.13	-13.67	-0.62
8V2JQ4		394.88	-17.31	-0.74	390.68	-23.12	-1.05
9G36ET		414.24	2.05	0.09	418.92	5.12	0.23
9XNHG7		413.26	1.07	0.05	414.76	0.96	0.04
AVE6NN		398.68	-13.50	-0.58	403.79	-10.01	-0.45
AVJZDA		433.62	21.43	0.92	437.76	23.96	1.09
AWQFKF		408.56	-3.62	-0.16	418.43	4.63	0.21
CMDRGK		405.38	-6.80	-0.29	403.85	-9.95	-0.45
EKX8KF		374.40	-37.79	-1.63	366.00	-47.80	-2.17
F8QBTK		412.16	-0.03	0.00	416.44	2.64	0.12
GHLJA2		393.03	-19.15	-0.82	390.53	-23.27	-1.06
HXT3KY		428.80	16.61	0.71	421.48	7.68	0.35
J78CED		412.85	0.67	0.03	414.96	1.16	0.05
KNKBY2		395.24	-16.95	-0.73	398.97	-14.83	-0.67
LA2R4C		435.86	23.67	1.02	419.48	5.68	0.26
LZNKZA		375.71	-36.48	-1.57	380.70	-33.10	-1.50
MTMMPB		414.42	2.23	0.10	421.16	7.36	0.33
N74ANV		378.20	-33.99	-1.46	389.00	-24.80	-1.13
N7QN77		410.66	-1.53	-0.07	404.68	-9.12	-0.41
P4VEJH	X	343.10	-69.08	-2.97	412.06	-1.74	-0.08
P6UKZC	X	423.70	11.51	0.50	466.33	52.53	2.38
PH3EK3		384.86	-27.33	-1.18	397.70	-16.10	-0.73
Q7XYKM		410.82	-1.37	-0.06	413.58	-0.22	-0.01
Q7YRFA	X	513.30	101.11	4.35	608.55	194.75	8.84
Q8THLP		393.33	-18.85	-0.81	400.56	-13.24	-0.60
QTCUN6		427.66	15.47	0.67	428.00	14.20	0.64

WebCode	Data Flag	Sample F35 Lab Mean	Sample F35 Diff from Grand Mean	Sample F35 CPV	Sample F36 Lab Mean	Sample F36 Diff from Grand Mean	Sample F36 CPV
RJZP48	X	357.77	-54.42	-2.34	326.99	-86.81	-3.94
TWNXQZ	X	170.38	-241.81	-10.40	163.32	-250.48	-11.36
U4J2PA	*	485.10	72.91	3.14	484.53	70.73	3.21
U4KCP7	X	672.11	259.92	11.18	675.30	261.50	11.86
UABPQU		411.92	-0.27	-0.01	408.44	-5.36	-0.24
UFCYWM		422.28	10.09	0.43	417.09	3.29	0.15
UNTHE2		425.83	13.65	0.59	424.65	10.84	0.49
V4XPQ2		415.06	2.87	0.12	414.67	0.87	0.04
VMCKM2		439.18	26.99	1.16	426.04	12.24	0.56
VRLX6Z		411.12	-1.07	-0.05	429.36	15.56	0.71
W2Q7LL		420.88	8.69	0.37	419.86	6.06	0.27
WYZ772		467.56	55.37	2.38	460.56	46.76	2.12
XHVYQZ	*	440.14	27.95	1.20	414.55	0.75	0.03
XP8BJQ		403.52	-8.67	-0.37	405.90	-7.90	-0.36
YAEZAU		361.79	-50.39	-2.17	363.01	-50.79	-2.30
YGMNVE		389.03	-23.16	-1.00	411.33	-2.47	-0.11
ZEFP2X	X	4,764.52	4,352.33	187.20	4,718.89	4,305.09	195.30

Summary Statistics

	Sample F35	Sample F36
Grand Means	412.187 ksi	413.800 ksi
Stnd Dev Btwn Labs	23.250 ksi	22.043 ksi

Statistics based on 44 of 52 reporting participants

Sample F35: ABS/PC & Sample F36: ABS/PC

Comments on Assigned Data Flags for Test #708

U4KCP7 (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

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

4DYDA7 (X) - Data for both samples are high. Possible Systematic Error.

P4VEJH (X) - Data for sample F35 are low. Inconsistent within the determinations of both samples.

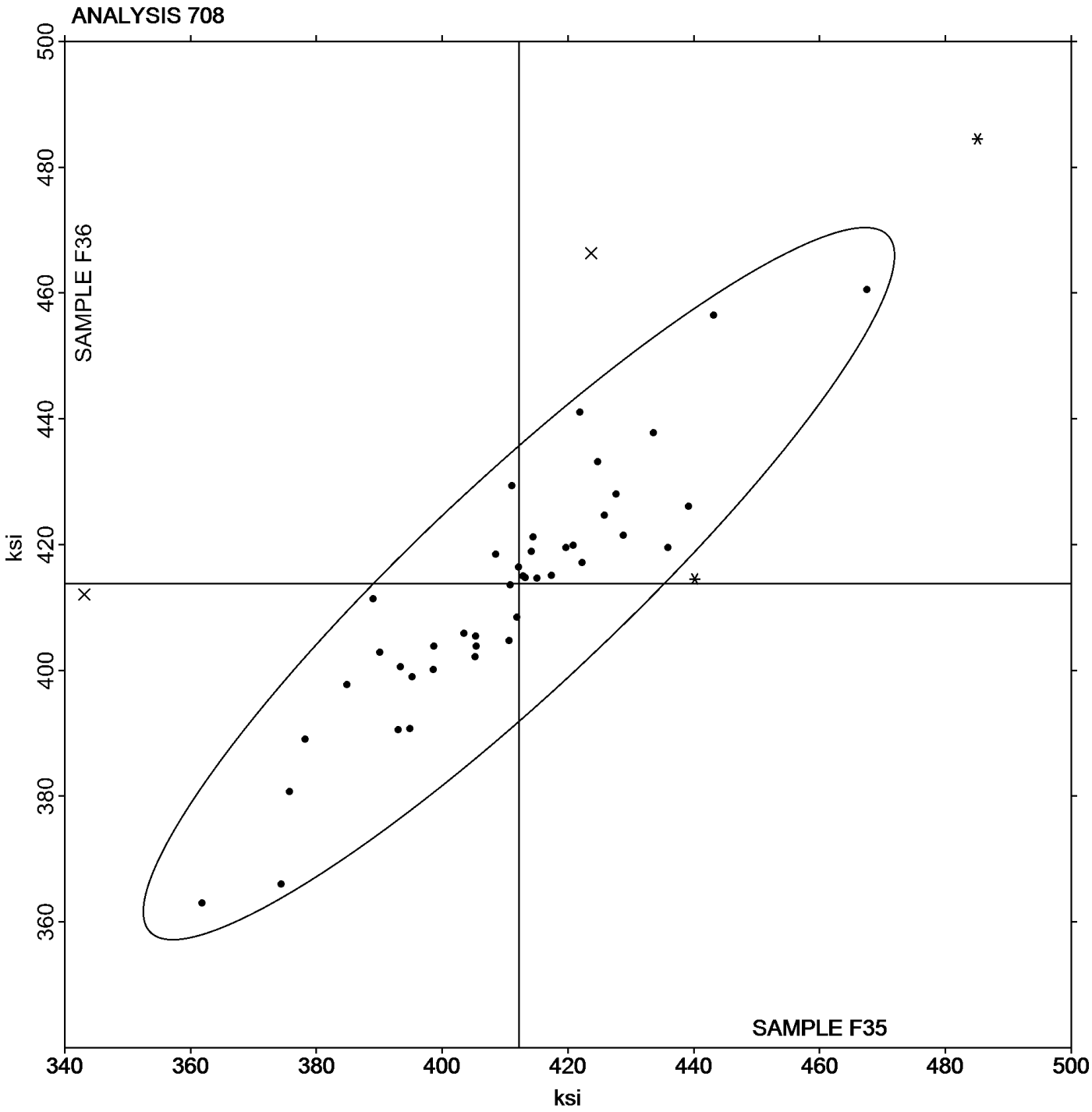
Q7YRFA (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

P6UKZC (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

ZEFP2X (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

RJZP48 (X) - Data for sample F36 are low. Inconsistent within the determinations of sample F35.

Grand Mean Sample F35: 412.19 ksi Grand Mean Sample F36: 413.80 ksi



WebCode	Data Flag	Sample E35 Lab Mean	Sample E35 Diff from Grand Mean	Sample E35 CPV	Sample E36 Lab Mean	Sample E36 Diff from Grand Mean	Sample E36 CPV	Instr Code
2D4A6C		108.08	-0.27	-0.11	108.73	0.75	0.31	AT
2JATVP		107.63	-0.72	-0.29	106.95	-1.03	-0.43	CE
2ZJJXU		106.80	-1.55	-0.63	106.98	-1.00	-0.42	CE
4PBNRV		110.15	1.80	0.73	109.88	1.90	0.80	AT
6M2X3Q		107.90	-0.45	-0.18	107.73	-0.25	-0.11	TO
8Q8PT3		110.03	1.68	0.68	109.33	1.35	0.57	CF
8TGFBJ		108.05	-0.30	-0.12	108.88	0.90	0.38	AT
9G36ET		108.58	0.23	0.09	108.60	0.62	0.26	DN
9XNHG7		107.00	-1.35	-0.55	106.25	-1.73	-0.73	TO
AWQFKF		107.60	-0.75	-0.30	107.50	-0.48	-0.20	TO
CMDRGK		107.95	-0.40	-0.16	107.55	-0.43	-0.18	TY
DDLT3J		108.73	0.38	0.15	109.05	1.07	0.45	AT
GHLJA2		103.28	-5.07	-2.06	102.70	-5.28	-2.22	TO
J78CED		110.58	2.23	0.91	109.43	1.45	0.61	CE
J9B8XG		109.13	0.78	0.32	109.98	2.00	0.84	CE
JRAZ7A	M	108.16	-0.19	-0.08	No data reported for this sample			TO
K66XEX		106.78	-1.57	-0.64	106.50	-1.48	-0.62	TO
KNKBY2		111.10	2.75	1.12	110.15	2.17	0.91	AT
NCXF9C		110.88	2.53	1.03	109.65	1.67	0.70	DN
NLL9MU		107.60	-0.75	-0.30	107.73	-0.25	-0.11	CE
PVNQVC		107.55	-0.80	-0.32	109.43	1.45	0.61	AT
Q7XYKM		105.98	-2.37	-0.96	105.23	-2.75	-1.16	DN
QGYR38		111.33	2.98	1.21	110.13	2.15	0.90	TO
TWNXQZ		108.68	0.33	0.13	108.83	0.85	0.36	CE
UNTHE2		108.58	0.23	0.09	107.93	-0.05	-0.02	AT
VRLX6Z		114.43	6.08	2.47	113.38	5.40	2.27	CE
XHVYQZ		107.23	-1.12	-0.46	106.53	-1.45	-0.61	RO
YAEZAU	*	101.65	-6.70	-2.72	101.00	-6.98	-2.93	CE
ZA7ARA	*	110.48	2.13	0.87	107.40	-0.58	-0.24	DN

Summary Statistics	Sample E35	Sample E36
Grand Means	108.345 Degrees C	107.977 Degrees C
Stnd Dev Btwn Labs	2.459 Degrees C	2.379 Degrees C

Statistics based on 28 of 29 reporting participants

Sample E35: ABS/PC & Sample E36: ABS/PC

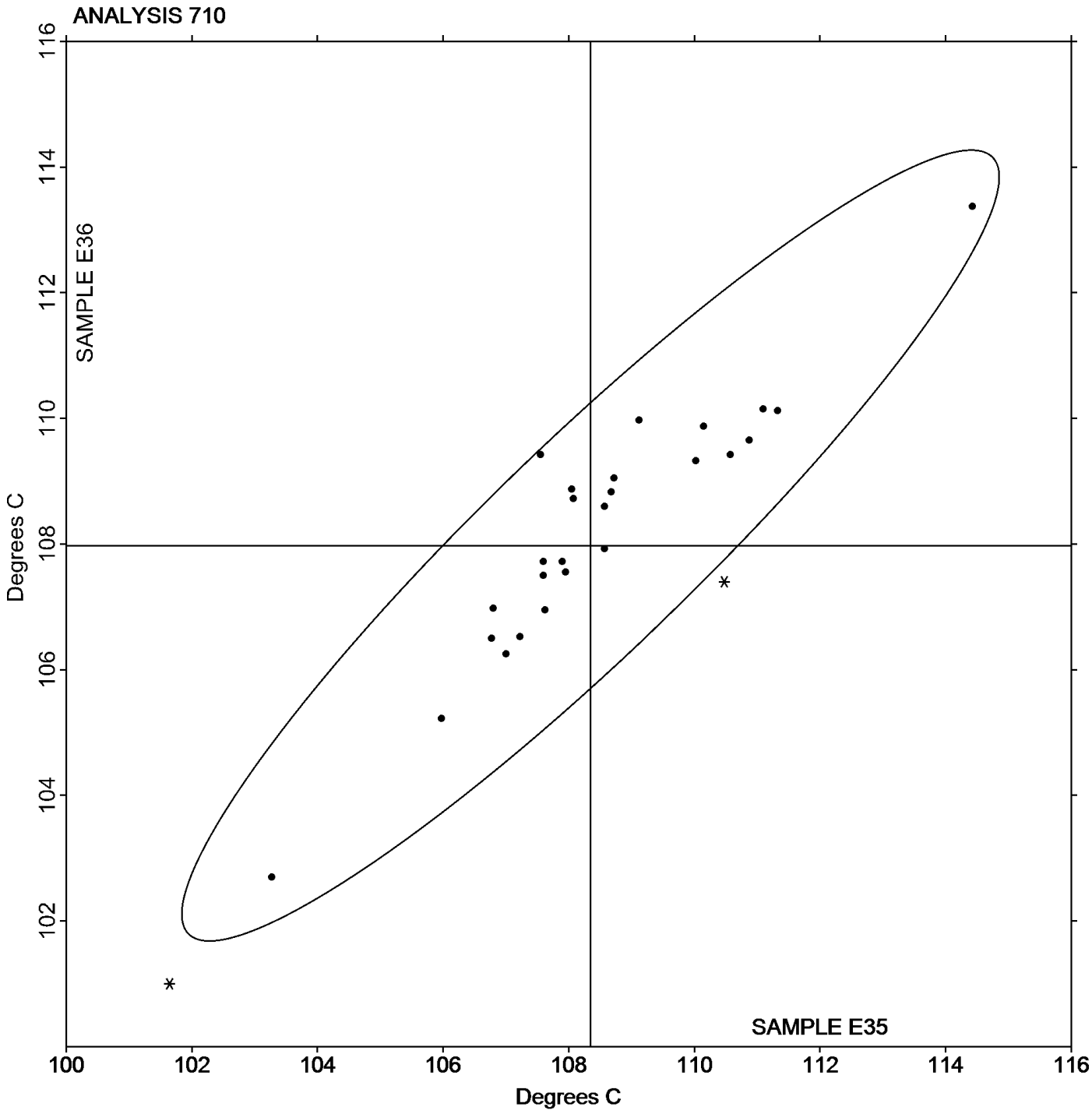
Comments on Assigned Data Flags for Test #710

JRAZ7A (M) - Participant did not submit data for sample E36.

Key to Instrument Codes Reported by Participants

AT	Atlas	CE	Ceast
CF	Coesfeld	DN	DYNISCO
RO	Rosand	TO	Tinius Olsen
TY	Toyoseiki		

Grand Mean Sample E35: 108.35 Degrees C Grand Mean Sample E36: 107.98 Degrees C



WebCode	Data Flag	Sample G35 Lab Mean	Sample G35 Diff from Grand Mean	Sample G35 CPV	Sample G36 Lab Mean	Sample G36 Diff from Grand Mean	Sample G36 CPV	Instr Code
2U7RFG		79.0	1.0	0.61	79.3	2.1	0.89	CE
2ZJJXU		77.2	-0.9	-0.55	77.1	-0.1	-0.03	CE
AWQFKF		76.6	-1.5	-0.94	75.8	-1.4	-0.59	TO
GHLJA2		77.6	-0.5	-0.30	76.6	-0.6	-0.26	TO
GHPCX2		77.7	-0.4	-0.23	78.3	1.1	0.46	CE
JRAZ7A		77.9	-0.1	-0.06	76.6	-0.6	-0.26	TO
K66XEX		76.3	-1.7	-1.10	74.6	-2.6	-1.12	TO
MZ6CRD		77.1	-0.9	-0.58	76.9	-0.3	-0.14	CE
NLL9MU		80.6	2.5	1.63	79.7	2.4	1.05	CE
PVNQVC		81.1	3.1	1.97	81.3	4.1	1.76	AT
YAEZAU		77.3	-0.7	-0.46	73.1	-4.1	-1.75	CE

Summary Statistics

	Sample G35	Sample G36
Grand Means	78.01 Degrees C	77.20 Degrees C
Stnd Dev Btwn Labs	1.56 Degrees C	2.33 Degrees C

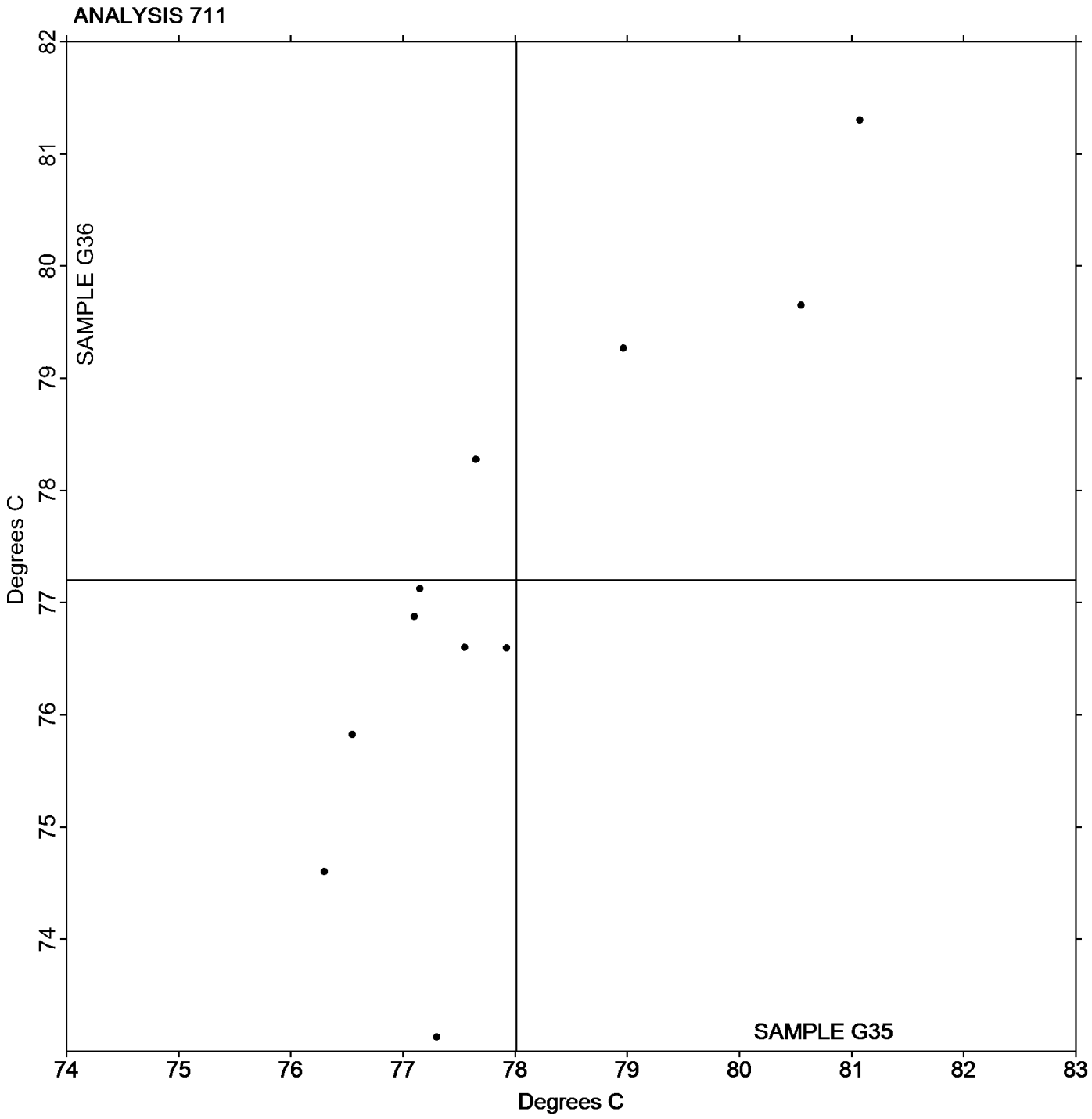
Statistics based on 11 of 11 reporting participants

Sample G35: PP & Sample G36: PP

Key to Instrument Codes Reported by Participants

AT Atlas
CE Ceast
TO Tinius Olsen

Grand Mean Sample G35: 78.010 Degrees C Grand Mean Sample G36: 77.203 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 N35 Lab Mean	Sample N35 Diff from Grand Mean	Sample N35 CPV	Sample N36 Lab Mean	Sample N36 Diff from Grand Mean	Sample N36 CPV	Instr Code
2JATVP		76.33	-0.34	-0.38	76.48	-0.24	-0.27	IN
2U7RFG		76.60	-0.06	-0.07	76.95	0.23	0.25	CF
2ZJJXU	*	75.53	-1.14	-1.29	76.23	-0.49	-0.54	CE
3EUVB8		75.98	-0.69	-0.78	76.05	-0.67	-0.73	TO
44MDFV		76.50	-0.16	-0.18	76.25	-0.47	-0.51	TO
74XY33		76.50	-0.16	-0.18	76.60	-0.12	-0.13	CE
86ANPR		76.93	0.26	0.30	77.10	0.38	0.41	AT
8TGFBJ		76.93	0.26	0.30	76.85	0.13	0.14	AT
AH9JC7		75.73	-0.94	-1.06	75.90	-0.82	-0.89	CE
AL9VZJ		77.65	0.99	1.12	78.23	1.51	1.64	TO
AVE6NN		76.03	-0.63	-0.72	76.08	-0.64	-0.70	ZW
B4999K		75.23	-1.44	-1.63	74.93	-1.79	-1.95	CE
BLJCHP		75.30	-1.36	-1.55	75.37	-1.35	-1.47	CE
C4LJJP		77.63	0.96	1.09	77.95	1.23	1.34	CE
CCVFE3		75.65	-1.01	-1.15	75.40	-1.32	-1.44	TO
CJDFKK		77.35	0.69	0.78	77.43	0.71	0.77	XX
CMDRGK		77.35	0.69	0.78	77.35	0.63	0.69	TY
GHLJA2		77.58	0.91	1.04	77.48	0.76	0.82	TO
GJFWKD		76.40	-0.26	-0.30	76.45	-0.27	-0.29	TO
GUZMMD		76.80	0.14	0.16	77.45	0.73	0.79	CE
HTXZ6H		77.73	1.06	1.21	77.70	0.98	1.07	AT
JRAZ7A		76.34	-0.32	-0.36	76.50	-0.22	-0.24	TO
JTVZWP		76.73	0.06	0.07	76.68	-0.04	-0.05	CE
K66XEX		75.65	-1.01	-1.15	75.78	-0.94	-1.03	TO
KFQ2LX		77.45	0.79	0.90	77.48	0.76	0.82	CF
KNKBY2		77.88	1.21	1.38	77.85	1.13	1.23	AT
NCXF9C		77.35	0.69	0.78	77.23	0.51	0.55	DN
NLL9MU		76.69	0.03	0.04	76.53	-0.19	-0.21	CE
QUBDTZ		77.20	0.54	0.61	77.33	0.61	0.66	TO
RTA3B3		77.75	1.09	1.24	78.03	1.31	1.42	AT
ULLYG6		77.53	0.86	0.98	77.43	0.71	0.77	XX
UQX36L		76.70	0.04	0.04	76.53	-0.19	-0.21	XX
WU2AE3		74.53	-2.14	-2.43	74.65	-2.07	-2.25	XX
X9HWDL		78.13	1.46	1.66	78.05	1.33	1.45	XX
ZA7ARA		76.70	0.04	0.04	76.33	-0.39	-0.43	DN

WebCode	Data Flag	Sample N35 Lab Mean	Sample N35 Diff from Grand Mean	Sample N35 CPV	Sample N36 Lab Mean	Sample N36 Diff from Grand Mean	Sample N36 CPV	Instr Code
ZHJ8PU		75.53	-1.14	-1.29	75.38	-1.34	-1.46	CE

Summary Statistics

	Sample N35	Sample N36
Grand Means	76.661 Degrees C	76.720 Degrees C
Stnd Dev Btwn Labs	0.880 Degrees C	0.920 Degrees C

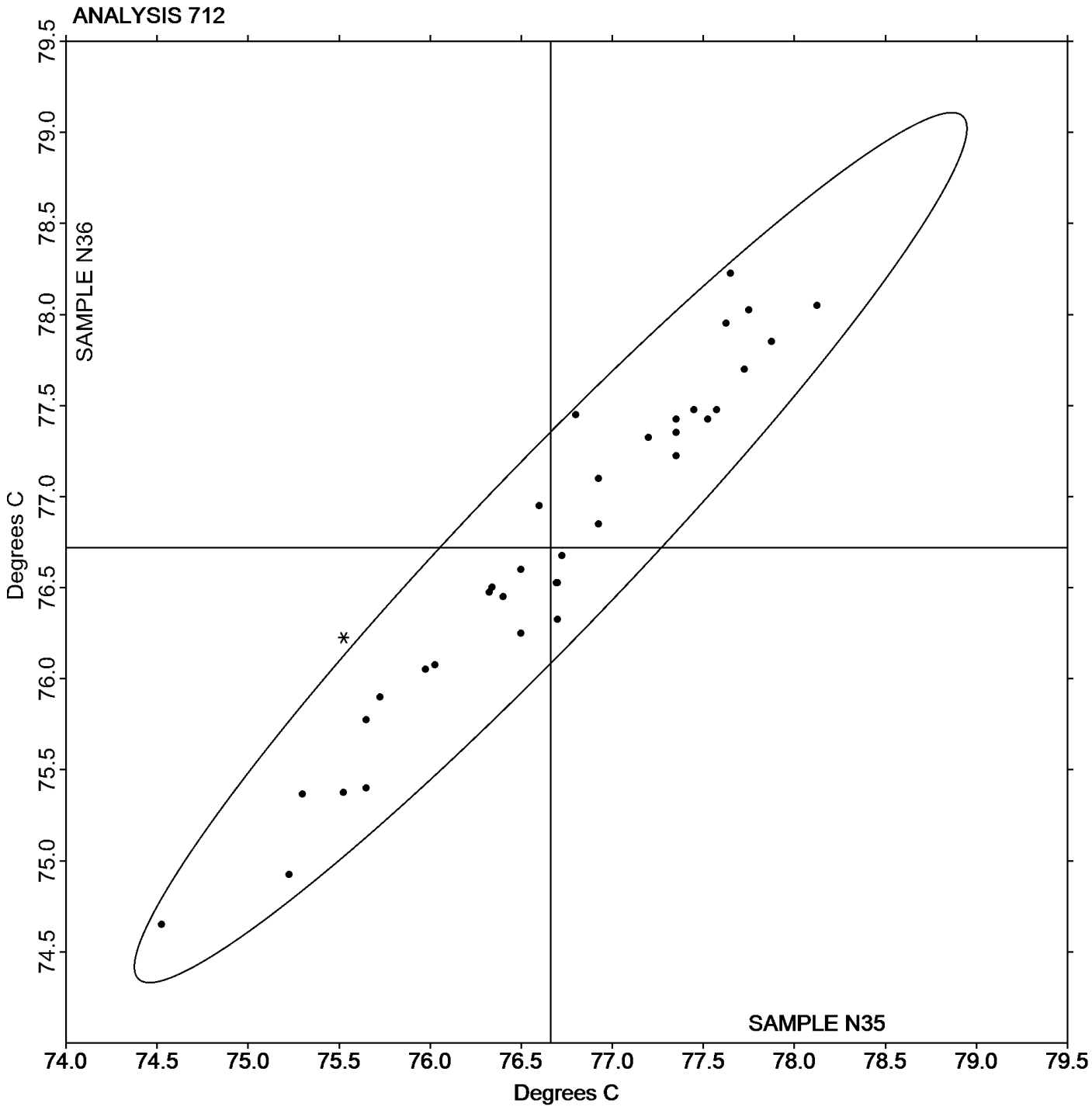
Statistics based on 36 of 36 reporting participants

Sample N35: HIPS & Sample N36: HIPS

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 N35: 76.661 Degrees C Grand Mean Sample N36: 76.720 Degrees C



WebCode	Data Flag	Sample H35 Lab Mean	Sample H35 Diff from Grand Mean	Sample H35 CPV	Sample H36 Lab Mean	Sample H36 Diff from Grand Mean	Sample H36 CPV	Instr Code
2U7RFG		140.33	0.93	0.26	140.13	0.85	0.25	CF
2ZJJXU		140.33	0.93	0.26	139.85	0.57	0.16	CE
68AZZV		140.92	1.51	0.43	140.87	1.58	0.46	CE
8Q8PT3		141.10	1.70	0.48	141.43	2.15	0.62	CE
8TGFBJ		142.55	3.15	0.89	142.35	3.07	0.89	CF
AVE6NN		137.83	-1.57	-0.44	137.63	-1.65	-0.48	WZ
C4LJJP		141.87	2.46	0.69	141.60	2.32	0.67	CF
CMDRGK		140.95	1.55	0.44	141.02	1.73	0.50	TY
E7ZPMN		138.92	-0.49	-0.14	138.62	-0.67	-0.19	TO
GHLJA2		140.13	0.73	0.21	139.85	0.57	0.16	TO
HJQQPZ		139.47	0.06	0.02	139.27	-0.02	0.00	CE
HWYCEK	*	129.23	-10.17	-2.87	129.10	-10.18	-2.94	XX
J78CED		140.24	0.84	0.24	140.08	0.80	0.23	CE
J9B8XG	*	128.48	-10.92	-3.08	129.00	-10.28	-2.97	CE
K8WZCY		141.40	2.00	0.56	141.18	1.90	0.55	CE
KNKBY2		140.62	1.21	0.34	140.52	1.23	0.36	AT
MZ6CRD		140.78	1.38	0.39	140.75	1.47	0.42	CE
NCXF9C		140.57	1.16	0.33	140.07	0.78	0.23	DN
Q7XYKM		139.78	0.38	0.11	139.68	0.40	0.12	QA
RDH798		140.50	1.10	0.31	140.35	1.07	0.31	AT
XHVYQZ		140.58	1.18	0.33	140.48	1.20	0.35	RO
Y42JYW		140.27	0.86	0.24	140.40	1.12	0.32	CE

Summary Statistics

	Sample H35	Sample H36
Grand Means	139.403 Degrees C	139.283 Degrees C
Stnd Dev Btwn Labs	3.546 Degrees C	3.460 Degrees C

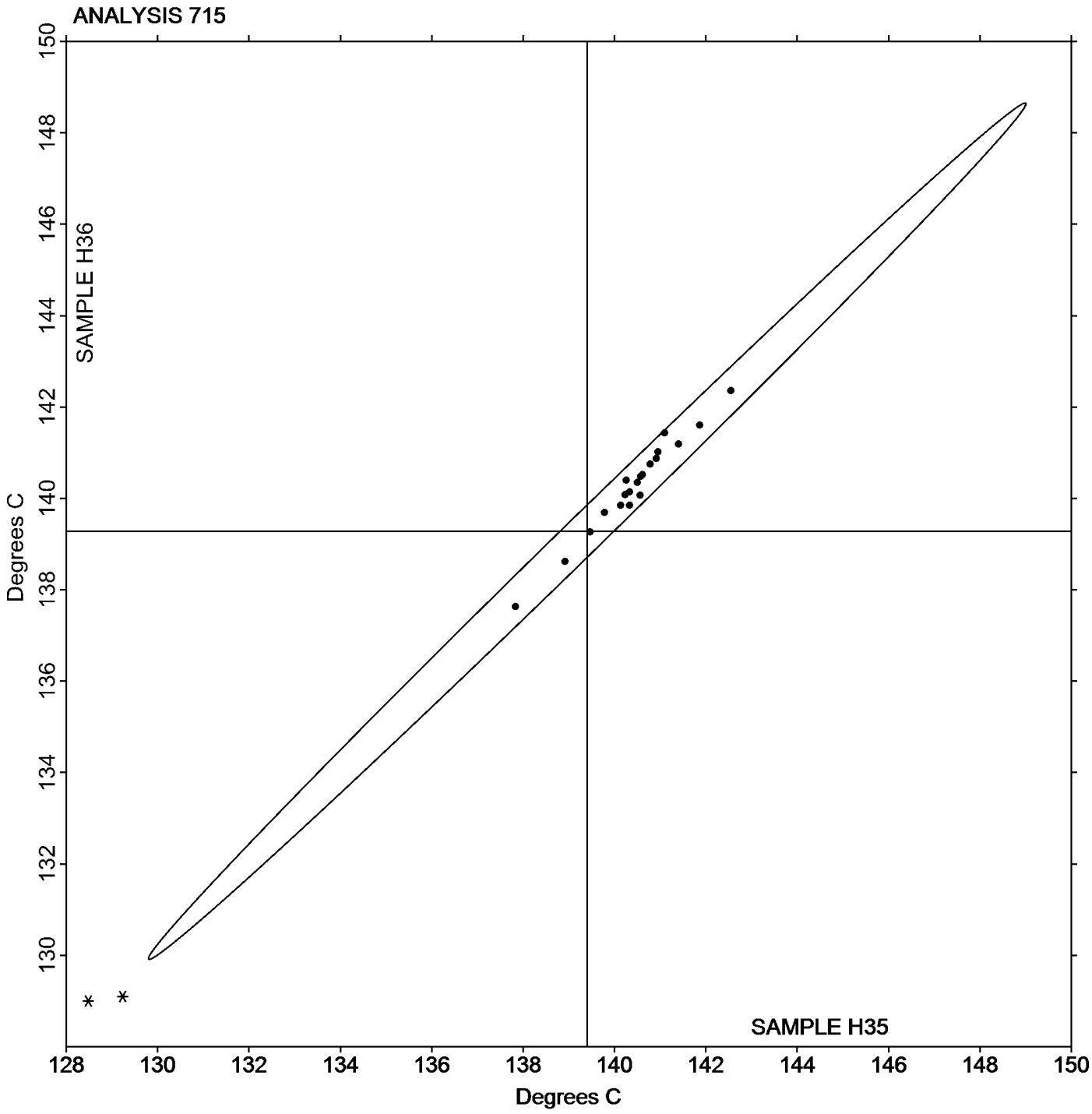
Statistics based on 22 of 22 reporting participants

Sample H35: ABS/PC & Sample H36: ABS/PC

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample H35: 139.40 Degrees C Grand Mean Sample H36: 139.28 Degrees C



WebCode	Data Flag	Sample R35 Lab Mean	Sample R35 Diff from Grand Mean	Sample R35 CPV	Sample R36 Lab Mean	Sample R36 Diff from Grand Mean	Sample R36 CPV	Instr Code
2U7RFG		142.03	-0.18	-0.19	142.33	0.14	0.15	CF
3F7GCV		141.33	-0.88	-0.93	141.68	-0.51	-0.56	TO
68AZZV		142.18	-0.03	-0.04	142.42	0.22	0.24	CE
8Q8PT3		143.25	1.03	1.09	143.13	0.94	1.02	CF
8TGFBJ		143.43	1.22	1.28	143.52	1.32	1.43	CF
AVE6NN		140.10	-2.12	-2.24	140.35	-1.85	-2.01	WZ
C4LJJP		143.05	0.83	0.88	143.00	0.80	0.87	CF
CMDRGK		143.25	1.03	1.09	143.28	1.09	1.18	TY
E7ZPMN		140.47	-1.75	-1.85	140.35	-1.85	-2.01	TO
GHLJA2		141.40	-0.82	-0.86	141.48	-0.71	-0.77	TO
HJQQPZ		141.07	-1.15	-1.21	140.65	-1.55	-1.68	CE
HWYCEK	X	130.43	-11.78	-12.44	130.37	-11.83	-12.85	XX
J78CED		141.88	-0.34	-0.36	141.98	-0.21	-0.23	CE
J9B8XG		143.08	0.87	0.91	142.57	0.37	0.40	CE
JRAZ7A		142.58	0.37	0.39	142.62	0.42	0.46	TO
KNKBY2		142.68	0.47	0.49	142.77	0.57	0.62	AT
MZ6CRD		142.08	-0.13	-0.14	142.00	-0.20	-0.21	CE
NCXF9C		142.80	0.58	0.62	142.13	-0.06	-0.07	DN
Q7XYKM		143.10	0.88	0.93	143.12	0.92	1.00	DN
XHVYQZ		142.17	-0.05	-0.05	142.15	-0.05	-0.05	RO
Y42JYW		142.40	0.18	0.19	142.40	0.20	0.22	CE

Summary Statistics

	Sample R35	Sample R36
Grand Means	142.217 Degrees C	142.197 Degrees C
Stnd Dev Btwn Labs	0.947 Degrees C	0.921 Degrees C

Statistics based on 20 of 21 reporting participants

Sample R35: ABS/PC & Sample R36: ABS/PC

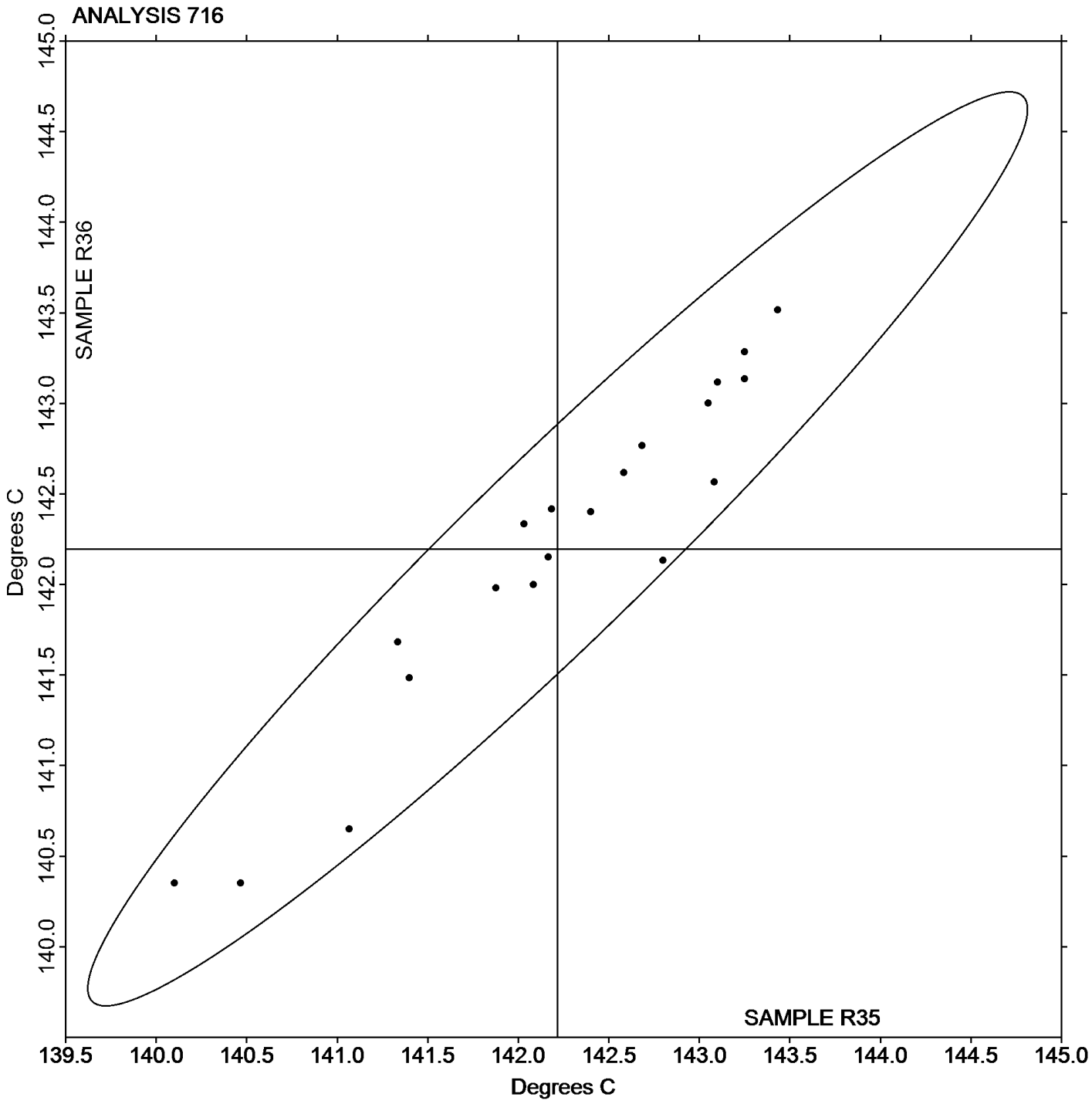
Comments on Assigned Data Flags for Test #716

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

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample R35: 142.22 Degrees C Grand Mean Sample R36: 142.20 Degrees C



WebCode	Data Flag	Sample T35 Lab Mean	Sample T35 Diff from Grand Mean	Sample T35 CPV	Sample T36 Lab Mean	Sample T36 Diff from Grand Mean	Sample T36 CPV
2D4A6C		1.03030	0.00102	0.55	1.03063	0.00121	0.71
2JATVP		1.02730	-0.00198	-1.07	1.02830	-0.00113	-0.66
2U7RFG	X	1.02200	-0.00728	-3.95	1.02500	-0.00443	-2.59
2ZJJXU		1.03017	0.00089	0.48	1.03027	0.00084	0.49
2ZX7AH		1.03103	0.00175	0.95	1.03097	0.00154	0.90
376WCN		1.02770	-0.00158	-0.86	1.02780	-0.00163	-0.95
3CARVN		1.02907	-0.00021	-0.12	1.02903	-0.00039	-0.23
44MDFV		1.03097	0.00169	0.92	1.03047	0.00104	0.61
4BTV4N	*	1.02867	-0.00061	-0.33	1.02700	-0.00243	-1.42
4WXEEP		1.02690	-0.00238	-1.29	1.02707	-0.00236	-1.38
6M2X3Q		1.03153	0.00225	1.22	1.03180	0.00237	1.39
74XY33	X	1.02567	-0.00361	-1.96	1.02367	-0.00576	-3.38
774GZX		1.03100	0.00172	0.93	1.03100	0.00157	0.92
7R93Z4		1.03066	0.00138	0.75	1.03128	0.00185	1.08
7WVFNQ	X	1.03237	0.00309	1.68	1.02953	0.00011	0.06
7Z3662		1.02667	-0.00261	-1.42	1.02667	-0.00276	-1.62
86ANPR	*	1.02833	-0.00095	-0.51	1.03067	0.00124	0.73
8BC3MA		1.02790	-0.00138	-0.75	1.02867	-0.00076	-0.45
8Q8PT3		1.02843	-0.00085	-0.46	1.02843	-0.00099	-0.58
8TGFBJ		1.03063	0.00135	0.74	1.03160	0.00217	1.27
8Z47WE		1.02613	-0.00315	-1.71	1.02637	-0.00306	-1.79
96M8ZW		1.02757	-0.00171	-0.93	1.02917	-0.00026	-0.15
9G36ET		1.03003	0.00075	0.41	1.02983	0.00041	0.24
9JNJWV		1.02666	-0.00262	-1.42	1.02654	-0.00289	-1.69
9XNHG7		1.02563	-0.00365	-1.98	1.02693	-0.00249	-1.46
A4QNYU		1.03000	0.00072	0.39	1.03000	0.00057	0.34
ABR3KW		1.03133	0.00205	1.12	1.03133	0.00191	1.12
AH9JC7		1.03073	0.00145	0.79	1.03070	0.00127	0.75
AVE6NN		1.03137	0.00209	1.13	1.03157	0.00214	1.25
AVJZDA		1.03247	0.00319	1.73	1.03253	0.00311	1.82
AWQFKF		1.02900	-0.00028	-0.15	1.02833	-0.00109	-0.64
B2G2YV		1.02967	0.00039	0.21	1.03010	0.00067	0.39
B4999K		1.03120	0.00192	1.04	1.03160	0.00217	1.27
CDDFNK		1.03093	0.00165	0.90	1.02960	0.00017	0.10
CMDRGK		1.03043	0.00115	0.63	1.03047	0.00104	0.61

WebCode	Data Flag	Sample T35 Lab Mean	Sample T35 Diff from Grand Mean	Sample T35 CPV	Sample T36 Lab Mean	Sample T36 Diff from Grand Mean	Sample T36 CPV
D4Y6JX		1.02957	0.00029	0.16	1.02993	0.00051	0.30
D4ZY34	*	1.03090	0.00162	0.88	1.03260	0.00317	1.86
DK6A29		1.02740	-0.00188	-1.02	1.02727	-0.00216	-1.27
E7ZPMN		1.03127	0.00199	1.08	1.03090	0.00147	0.86
F8QBTK		1.02800	-0.00128	-0.69	1.02767	-0.00176	-1.03
FJNXAG		1.03100	0.00172	0.93	1.03100	0.00157	0.92
FYEUJY	X	1.02433	-0.00495	-2.69	1.02900	-0.00043	-0.25
GHLJA2		1.02633	-0.00295	-1.60	1.02620	-0.00323	-1.89
GQEUJW		1.03170	0.00242	1.31	1.03195	0.00252	1.48
GUZMMD		1.03050	0.00122	0.66	1.03000	0.00057	0.34
H6EKPE		1.03070	0.00142	0.77	1.03097	0.00154	0.90
HBFYBF		1.03040	0.00112	0.61	1.02933	-0.00009	-0.06
HTXZ6H		1.02957	0.00029	0.16	1.02960	0.00017	0.10
HXT3KY	X	1.02967	0.00039	0.21	1.02733	-0.00209	-1.23
J78CED		1.03000	0.00072	0.39	1.03000	0.00057	0.34
JHKCB8		1.02897	-0.00031	-0.17	1.02893	-0.00049	-0.29
JJAWNP		1.03000	0.00072	0.39	1.03000	0.00057	0.34
JPWL9Z		1.02893	-0.00035	-0.19	1.02850	-0.00093	-0.54
JRAZ7A		1.03063	0.00135	0.74	1.03067	0.00124	0.73
JTVZWP		1.02667	-0.00261	-1.42	1.02667	-0.00276	-1.62
JZWCRL		1.03118	0.00190	1.03	1.03222	0.00279	1.64
K4B89J		1.02600	-0.00328	-1.78	1.02733	-0.00209	-1.23
K66XEX		1.03063	0.00135	0.74	1.03130	0.00187	1.10
KNKBY2		1.03070	0.00142	0.77	1.02970	0.00027	0.16
LA2R4C		1.03197	0.00269	1.46	1.03200	0.00257	1.51
LHP6YH	X	1.02100	-0.00828	-4.50	1.02367	-0.00576	-3.38
MZ6CRD		1.02897	-0.00031	-0.17	1.02873	-0.00069	-0.41
N79RLU	*	1.02600	-0.00328	-1.78	1.02800	-0.00143	-0.84
NCXF9C	*	1.02367	-0.00561	-3.05	1.02467	-0.00476	-2.79
NLL9MU		1.03230	0.00302	1.64	1.03140	0.00197	1.16
PVNQVC		1.03100	0.00172	0.93	1.03157	0.00214	1.25
Q36JM2		1.02593	-0.00335	-1.82	1.02717	-0.00226	-1.32
Q3J9NT		1.02693	-0.00235	-1.27	1.02707	-0.00236	-1.38
Q8THLP		1.02993	0.00065	0.36	1.02997	0.00054	0.32
QKJJDA		1.02747	-0.00181	-0.98	1.02863	-0.00079	-0.47

WebCode	Data Flag	Sample T35 Lab Mean	Sample T35 Diff from Grand Mean	Sample T35 CPV	Sample T36 Lab Mean	Sample T36 Diff from Grand Mean	Sample T36 CPV
QRGCL4		1.02967	0.00039	0.21	1.03000	0.00057	0.34
R7YZC2		1.02890	-0.00038	-0.21	1.02927	-0.00016	-0.09
RDH798		1.03123	0.00195	1.06	1.03027	0.00084	0.49
REQ2C4		1.03110	0.00182	0.99	1.03097	0.00154	0.90
RTA3B3		1.02967	0.00039	0.21	1.02967	0.00024	0.14
RVH8WD		1.02887	-0.00041	-0.22	1.02913	-0.00029	-0.17
TCGR26		1.02810	-0.00118	-0.64	1.02813	-0.00129	-0.76
TW82YZ		1.03087	0.00159	0.86	1.03057	0.00114	0.67
TWNXQZ		1.02667	-0.00261	-1.42	1.02767	-0.00176	-1.03
U4J2PA		1.02933	0.00005	0.03	1.02900	-0.00043	-0.25
U4KCP7		1.02670	-0.00258	-1.40	1.02743	-0.00199	-1.17
UABPQU	X	1.02977	0.00049	0.27	1.02293	-0.00649	-3.81
ULLYG6		1.02830	-0.00098	-0.53	1.02797	-0.00146	-0.86
UNTHE2		1.03000	0.00072	0.39	1.03033	0.00091	0.53
V29WV6		1.02790	-0.00138	-0.75	1.02757	-0.00186	-1.09
VRLX6Z	*	1.02973	0.00045	0.25	1.02807	-0.00136	-0.80
WU2AE3		1.02780	-0.00148	-0.80	1.02837	-0.00106	-0.62
WYZ772		1.03103	0.00175	0.95	1.03083	0.00141	0.82
X9HWDL	X	1.02713	-0.00215	-1.17	1.03027	0.00084	0.49
XX43Y8		1.02827	-0.00101	-0.55	1.03010	0.00067	0.39
Y2KW7W		1.03067	0.00139	0.75	1.03067	0.00124	0.73
Y6YJP4		1.02803	-0.00125	-0.68	1.02833	-0.00109	-0.64
Y87QJH		1.02967	0.00039	0.21	1.03000	0.00057	0.34
YHKYT3	*	1.03080	0.00152	0.83	1.02893	-0.00050	-0.29
ZA7ARA		1.02833	-0.00095	-0.51	1.02833	-0.00109	-0.64

Summary Statistics

	Sample T35	Sample T36
Grand Means	1.029279 sp gr 23/23 C	1.029428 sp gr 23/23 C
Stnd Dev Btwn Labs	0.001841 sp gr 23/23 C	0.001707 sp gr 23/23 C

Statistics based on 87 of 95 reporting participants

Sample T35: HIPS & Sample T36: HIPS

Comments on Assigned Data Flags for Test #718

UABPQU (X) - Data for sample T36 are low.

LHP6YH (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

7WVFNQ (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

2U7RFG (X) - Data for sample T35 are low.

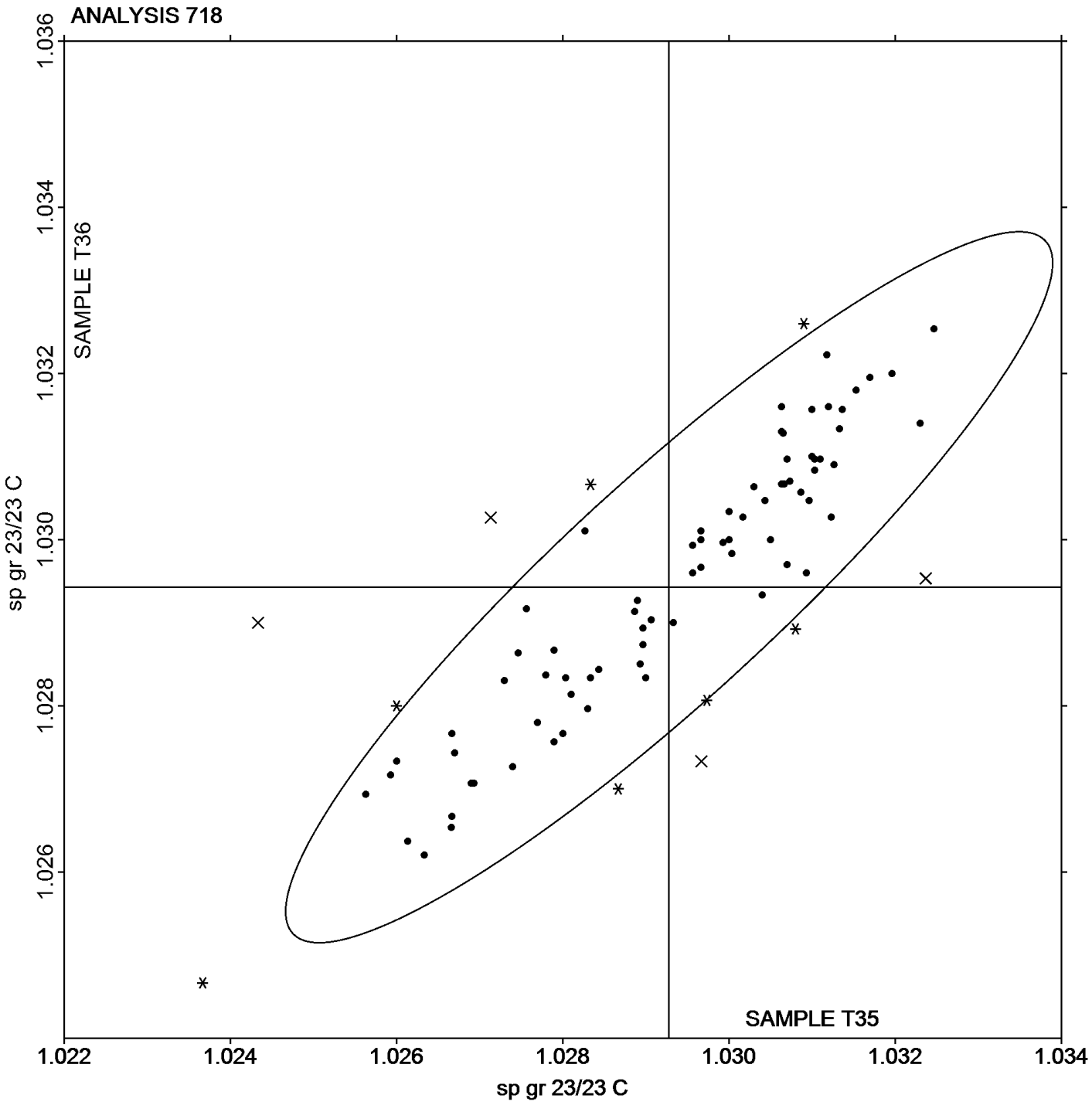
X9HWDL (X) - Inconsistent in testing between samples.

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

HXT3KY (X) - Inconsistent in testing between samples.

74XY33 (X) - Data for sample T36 are low.

Grand Mean Sample T35: 1.0293 sp gr 23/23 C Grand Mean Sample T36: 1.0294 sp gr 23/23 C



WebCode	Data Flag	Sample J35 Lab Mean	Sample J35 Diff from Grand Mean	Sample J35 CPV	Sample J36 Lab Mean	Sample J36 Diff from Grand Mean	Sample J36 CPV
2ANQDU		328.6	-14.2	-0.98	328.8	-14.4	-0.98
2D4A6C		346.3	3.5	0.24	338.4	-4.8	-0.33
2JATVP		342.7	-0.1	0.00	339.0	-4.2	-0.29
38DZVD		355.8	13.0	0.90	355.8	12.6	0.86
3DJTP9		343.3	0.5	0.03	345.6	2.4	0.16
3R3M9E		346.5	3.6	0.25	343.2	0.0	0.00
3TX7AF		347.8	5.0	0.34	344.0	0.8	0.06
4DYDA7		343.7	0.9	0.06	346.6	3.4	0.23
6M2X3Q		348.6	5.8	0.40	346.8	3.6	0.25
7K7TWW		358.4	15.6	1.08	358.1	14.9	1.02
8Q8PT3		321.3	-21.5	-1.49	319.5	-23.7	-1.62
8TGFBJ		335.7	-7.1	-0.49	337.7	-5.4	-0.37
8V2JQ4		360.2	17.4	1.20	364.8	21.7	1.48
9G36ET		351.4	8.6	0.59	351.2	8.0	0.55
9XNHG7		353.7	10.9	0.75	358.5	15.3	1.05
AVE6NN		328.8	-14.0	-0.97	331.0	-12.2	-0.83
AVJZDA		347.6	4.8	0.33	348.0	4.8	0.33
AWQFKF		333.4	-9.4	-0.65	331.0	-12.2	-0.83
BXETGJ		353.3	10.5	0.73	346.7	3.5	0.24
CMDRGK		329.9	-12.9	-0.89	330.1	-13.1	-0.89
CPLHP9		340.7	-2.1	-0.15	341.4	-1.8	-0.12
DDLT3J		342.8	0.0	0.00	345.2	2.0	0.14
F8QBTK		342.2	-0.6	-0.04	345.3	2.1	0.14
GAV74Z	X	698.6	355.8	24.56	698.4	355.2	24.23
GHLJA2		345.2	2.4	0.16	352.8	9.6	0.65
GHPCX2		328.7	-14.1	-0.97	323.0	-20.2	-1.38
HXT3KY		348.0	5.2	0.36	346.4	3.2	0.22
J78CED		329.4	-13.5	-0.93	329.1	-14.1	-0.96
J9B8XG	X	352.8	10.0	0.69	333.4	-9.8	-0.67
JRAZ7A		354.8	12.0	0.83	357.3	14.1	0.96
KJ36AE	*	299.8	-43.0	-2.97	300.9	-42.3	-2.88
KKYKKQ		327.0	-15.8	-1.09	327.0	-16.2	-1.10
KNKBY2		347.4	4.6	0.32	347.6	4.5	0.30
LA2R4C		368.7	25.9	1.79	370.9	27.7	1.89
LZNKZA	*	346.2	3.4	0.24	356.1	12.9	0.88

WebCode	Data Flag	Sample J35 Lab Mean	Sample J35 Diff from Grand Mean	Sample J35 CPV	Sample J36 Lab Mean	Sample J36 Diff from Grand Mean	Sample J36 CPV
MFZQZU	X	341.0	-1.8	-0.12	362.8	19.6	1.34
MTMMPB		314.2	-28.6	-1.97	320.9	-22.3	-1.52
N7QN77		327.1	-15.7	-1.08	327.6	-15.6	-1.06
NCXF9C		337.4	-5.4	-0.37	339.7	-3.5	-0.24
NLL9MU		370.2	27.4	1.89	371.1	27.9	1.90
P6UKZC	X	333.4	-9.4	-0.65	352.6	9.5	0.65
PH3EK3	X	350.6	7.7	0.53	365.4	22.2	1.52
PVNQVC		345.9	3.0	0.21	345.4	2.2	0.15
Q69E76		334.8	-8.0	-0.55	337.9	-5.3	-0.36
Q7XYKM		329.0	-13.8	-0.95	328.5	-14.7	-1.00
Q8THLP		335.6	-7.2	-0.50	334.8	-8.4	-0.57
QKYBFM		359.4	16.6	1.15	358.8	15.6	1.07
QTCUN6		349.0	6.2	0.43	344.2	1.0	0.07
T6LPYU		347.2	4.4	0.31	343.3	0.1	0.01
TWNXQZ	X	183.7	-159.1	-10.98	178.6	-164.6	-11.23
U4J2PA		324.2	-18.7	-1.29	323.5	-19.6	-1.34
U4KCP7		323.8	-19.0	-1.31	326.5	-16.7	-1.14
UABPQU		363.2	20.4	1.41	359.5	16.3	1.11
UFCYWM		365.5	22.6	1.56	364.3	21.1	1.44
ULLYG6		328.1	-14.7	-1.02	331.8	-11.3	-0.77
UNTHE2		358.1	15.3	1.06	361.6	18.4	1.26
V4XPQ2		332.1	-10.7	-0.74	332.5	-10.7	-0.73
VRLX6Z	*	375.0	32.2	2.22	381.2	38.0	2.59
W2Q7LL		355.0	12.2	0.84	355.8	12.6	0.86
WU2AE3		331.6	-11.3	-0.78	334.5	-8.7	-0.59
WYZ772		355.1	12.2	0.85	351.4	8.3	0.56
XHVYQZ		341.9	-0.9	-0.06	339.7	-3.5	-0.24
XP8BJQ		328.5	-14.3	-0.99	332.5	-10.6	-0.73
Y2KW7W		347.5	4.7	0.32	347.2	4.0	0.28
YHKYT3		352.4	9.6	0.66	359.5	16.4	1.12
YN8LN9	*	355.8	13.0	0.90	344.5	1.3	0.09
ZA7ARA		325.9	-16.9	-1.17	327.8	-15.4	-1.05

Summary Statistics	Sample J35	Sample J36
Grand Means	342.81 ksi	343.18 ksi
Stnd Dev Btwn Labs	14.49 ksi	14.66 ksi

Statistics based on 61 of 67 reporting participants

Sample J35: ABS/PC & Sample J36: ABS/PC

Comments on Assigned Data Flags for Test #720

J9B8XG (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

PH3EK3 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample J35.

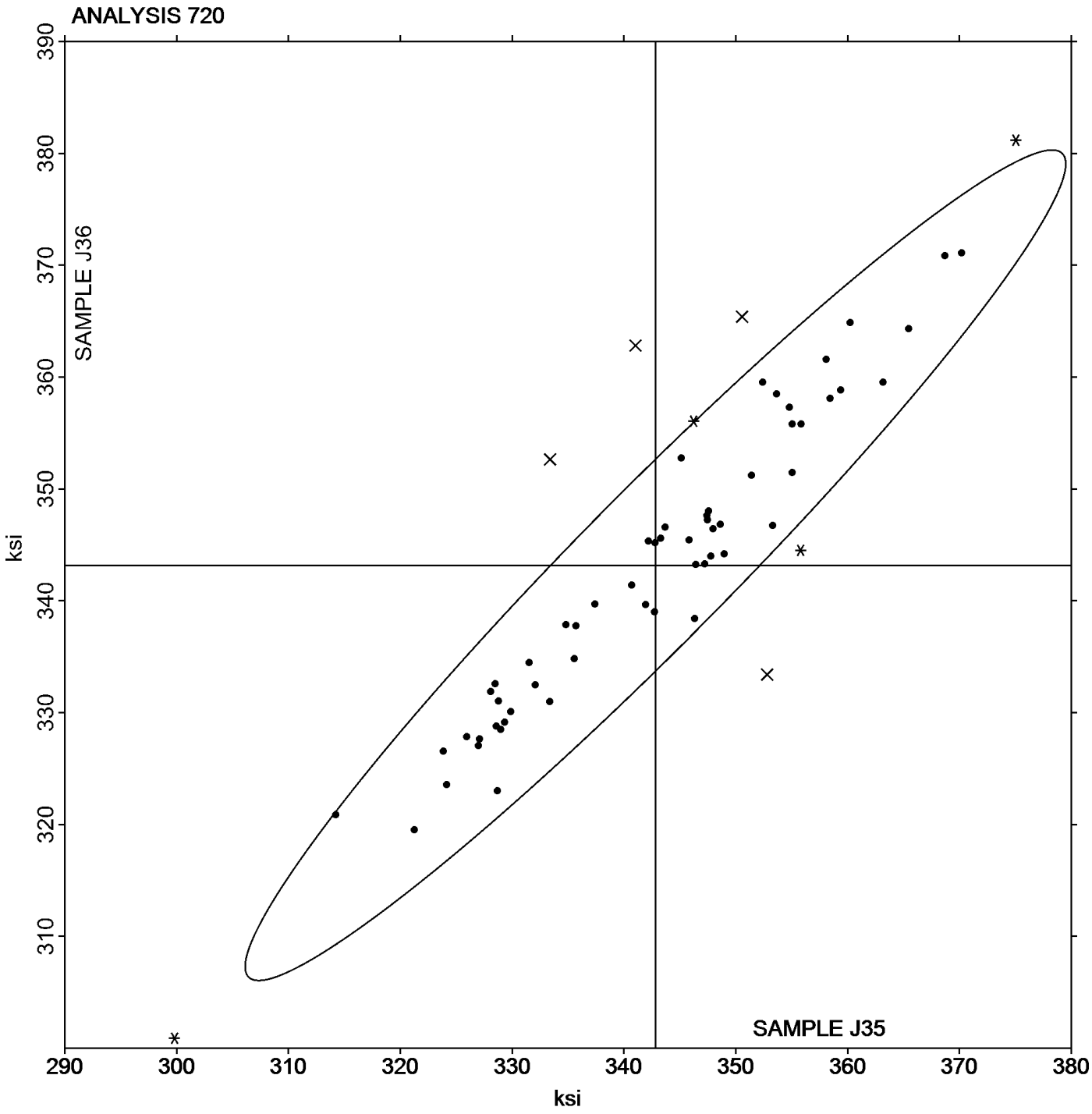
TWNXQZ (X) - Data for both samples are low. Possible Systematic Error.

GAV74Z (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample J35.

MFZQZU (X) - Inconsistent in testing between samples.

P6UKZC (X) - Inconsistent in testing between samples.

Grand Mean Sample J35: 342.81 ksi Grand Mean Sample J36: 343.18 ksi



WebCode	Data Flag	Sample J35 Lab Mean	Sample J35 Diff from Grand Mean	Sample J35 CPV	Sample J36 Lab Mean	Sample J36 Diff from Grand Mean	Sample J36 CPV
2D4A6C		11,600	-274	-0.62	11,925	11	0.02
2JATVP		12,011	137	0.31	11,957	43	0.09
38DZVD		11,804	-70	-0.16	11,906	-9	-0.02
3DJTP9		12,040	165	0.38	12,143	229	0.49
3R3M9E		12,214	339	0.77	12,082	168	0.36
3TX7AF		11,520	-355	-0.80	11,500	-414	-0.89
4DYDA7		11,164	-711	-1.61	11,245	-669	-1.44
6M2X3Q		12,219	344	0.78	12,228	314	0.68
7K7TWW	*	12,295	420	0.95	12,695	780	1.68
8Q8PT3		11,951	77	0.17	12,009	95	0.20
8TGFBJ		11,879	5	0.01	11,974	60	0.13
8V2JQ4		12,621	746	1.69	12,902	988	2.13
9G36ET		11,853	-22	-0.05	11,954	40	0.09
9XNHG7		11,917	42	0.10	12,074	159	0.34
AVE6NN		11,967	93	0.21	11,859	-56	-0.12
AVJZDA		11,420	-455	-1.03	11,400	-514	-1.11
AWQFKF		11,903	28	0.06	11,921	7	0.01
BXETGJ		12,273	398	0.90	12,032	118	0.25
CMDRGK		11,299	-576	-1.31	11,328	-587	-1.26
DDLT3J		11,870	-5	-0.01	11,842	-72	-0.15
F8QBTK		11,652	-223	-0.51	11,775	-140	-0.30
GAV74Z	X	15,287	3,413	7.75	15,312	3,397	7.31
GHLJA2		11,933	58	0.13	11,890	-24	-0.05
GHPCX2		11,838	-36	-0.08	11,797	-118	-0.25
J78CED		12,305	431	0.98	12,384	469	1.01
J9B8XG		11,340	-535	-1.21	11,540	-374	-0.81
KJ36AE		11,607	-267	-0.61	11,311	-603	-1.30
KKYKKQ		11,670	-204	-0.46	11,736	-178	-0.38
KNKBY2		12,078	203	0.46	11,978	64	0.14
LA2R4C	*	12,840	965	2.19	13,093	1,178	2.54
LZNKZA		12,117	243	0.55	12,203	289	0.62
MTMMPB	*	10,659	-1,216	-2.76	10,865	-1,049	-2.26
N7QN77		11,405	-470	-1.07	11,459	-455	-0.98
NCXF9C		12,138	264	0.60	12,359	444	0.96
P6UKZC	X	11,449	-426	-0.97	12,152	237	0.51

WebCode	Data Flag	Sample J35 Lab Mean	Sample J35 Diff from Grand Mean	Sample J35 CPV	Sample J36 Lab Mean	Sample J36 Diff from Grand Mean	Sample J36 CPV
PH3EK3		12,131	256	0.58	12,358	443	0.95
PVNQVC		11,933	59	0.13	11,960	45	0.10
Q69E76		11,785	-89	-0.20	11,938	24	0.05
Q7XYKM		11,572	-303	-0.69	11,555	-359	-0.77
Q8THLP		10,770	-1,105	-2.51	10,806	-1,108	-2.39
QKYBFM		12,920	1,045	2.37	12,920	1,006	2.16
QTCUN6		11,686	-188	-0.43	11,613	-302	-0.65
T6LPYU		11,399	-475	-1.08	11,380	-534	-1.15
TWNXQZ	X	5,917	-5,958	-13.52	5,795	-6,119	-13.17
U4KCP7		11,322	-553	-1.25	11,357	-558	-1.20
UABPQU		12,342	467	1.06	12,200	286	0.61
UFCYWM		12,337	462	1.05	12,307	392	0.84
UNTHE2		12,381	507	1.15	12,552	637	1.37
V4XPQ2		11,869	-6	-0.01	11,728	-186	-0.40
W2Q7LL		12,036	162	0.37	12,050	135	0.29
WYZ772		12,125	251	0.57	12,095	180	0.39
XP8BJQ		11,961	87	0.20	12,093	178	0.38
Y2KW7W		12,034	159	0.36	11,998	84	0.18
YN8LN9	*	11,987	113	0.26	11,629	-285	-0.61
ZA7ARA		11,486	-388	-0.88	11,641	-273	-0.59

Summary Statistics

	Sample J35	Sample J36
Grand Means	11,874.6 psi	11,914.3 psi
Stnd Dev Btwn Labs	440.6 psi	464.5 psi

Statistics based on 52 of 55 reporting participants

Sample J35: ABS/PC & Sample J36: ABS/PC

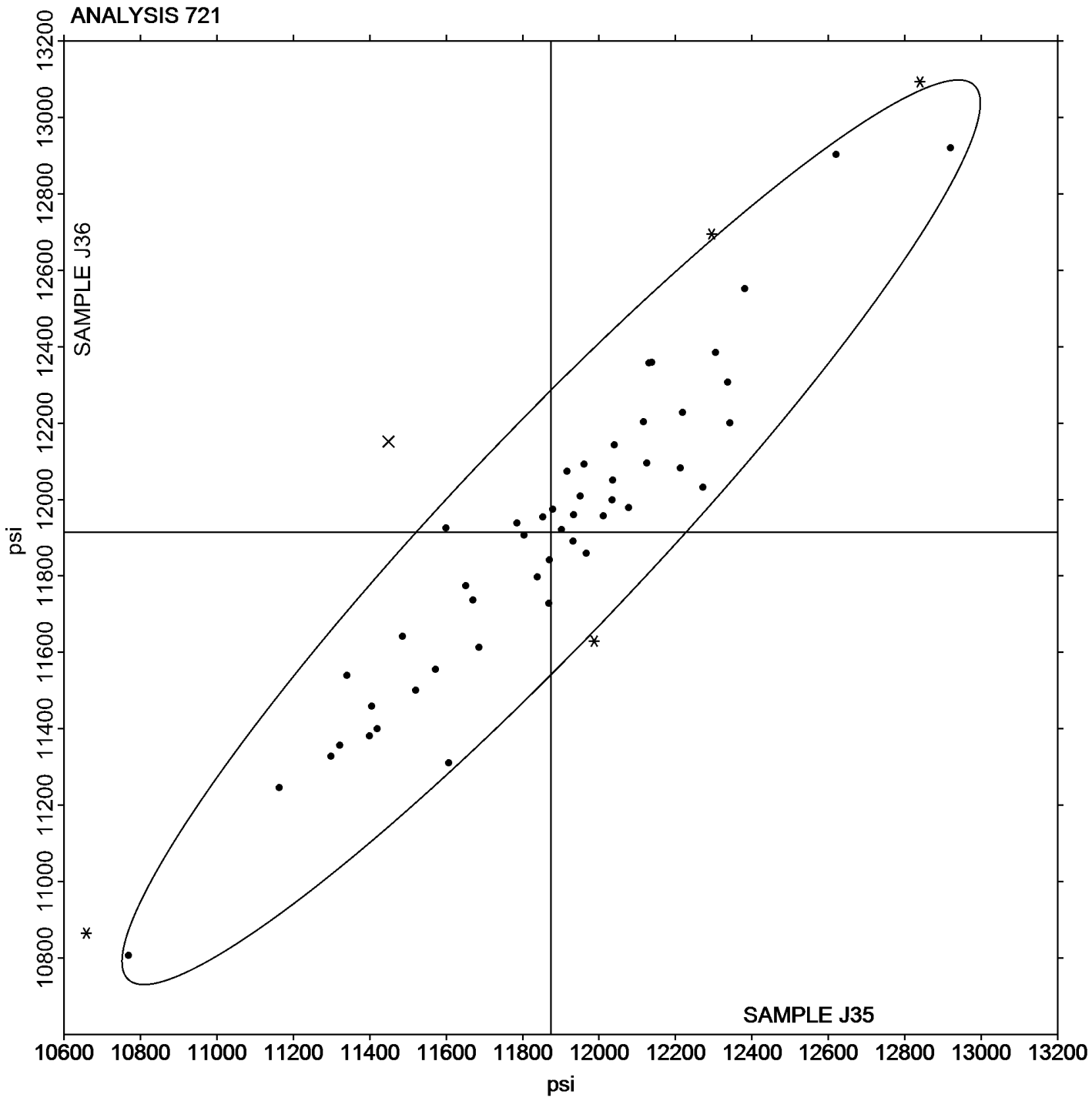
Comments on Assigned Data Flags for Test #721

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

GAV74Z (X) - Data for both samples are high. Possible Systematic Error.

P6UKZC (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample J36.

Grand Mean Sample J35: 11,874.59 psi Grand Mean Sample J36: 11,914.35 psi



WebCode	Data Flag	Sample J35 Lab Mean	Sample J35 Diff from Grand Mean	Sample J35 CPV	Sample J36 Lab Mean	Sample J36 Diff from Grand Mean	Sample J36 CPV
2ANQDU		11,630	-448	-0.86	11,598	-524	-0.99
2D4A6C	*	11,824	-254	-0.49	12,245	123	0.23
2JATVP		12,223	145	0.28	12,176	54	0.10
38DZVD		11,824	-254	-0.49	11,913	-209	-0.40
3DJTP9		12,330	252	0.48	12,438	316	0.60
3R3M9E		13,070	992	1.90	12,952	830	1.57
4DYDA7		11,162	-916	-1.76	11,246	-876	-1.66
6M2X3Q		12,836	758	1.45	12,775	653	1.24
7K7TWW		12,355	277	0.53	12,713	591	1.12
8TGFBJ		12,054	-24	-0.05	12,158	36	0.07
8V2JQ4		12,880	802	1.54	13,177	1,055	1.99
AVE6NN		12,164	86	0.16	12,048	-74	-0.14
AWQFKF		12,238	160	0.31	12,279	157	0.30
CMDRGK		11,487	-591	-1.13	11,539	-583	-1.10
GAV74Z	X	15,297	3,219	6.18	15,256	3,134	5.93
GHLJA2		12,187	109	0.21	12,125	3	0.01
GHPCX2		12,224	146	0.28	12,294	172	0.32
HXT3KY		12,000	-78	-0.15	12,000	-122	-0.23
J78CED		12,364	286	0.55	12,451	329	0.62
JRAZ7A		12,162	84	0.16	12,253	131	0.25
KJ36AE		12,123	45	0.09	11,910	-212	-0.40
KKYKKQ		11,676	-402	-0.77	11,743	-379	-0.72
KNKBY2		12,442	364	0.70	12,280	158	0.30
LZNKZA		12,161	83	0.16	12,255	133	0.25
MTMMPB		10,959	-1,119	-2.15	11,167	-955	-1.81
N7QN77		11,602	-476	-0.91	11,688	-434	-0.82
NLL9MU		12,407	329	0.63	12,438	316	0.60
P6UKZC	X	4,410	-7,668	-14.72	5,637	-6,485	-12.26
PH3EK3		12,318	240	0.46	12,563	441	0.83
PVNQVC		12,129	51	0.10	12,157	35	0.07
Q69E76		11,996	-82	-0.16	12,167	45	0.08
Q7XYKM		11,792	-286	-0.55	11,782	-340	-0.64
Q8THLP		10,781	-1,297	-2.49	10,807	-1,315	-2.49
QKYBFM		13,180	1,102	2.11	13,200	1,078	2.04
T6LPYU		11,660	-418	-0.80	11,525	-597	-1.13

WebCode	Data Flag	Sample J35 Lab Mean	Sample J35 Diff from Grand Mean	Sample J35 CPV	Sample J36 Lab Mean	Sample J36 Diff from Grand Mean	Sample J36 CPV
TWNXQZ	X	5,970	-6,108	-11.72	5,859	-6,263	-11.84
U4J2PA		11,372	-706	-1.35	11,370	-752	-1.42
U4KCP7		11,325	-753	-1.45	11,359	-763	-1.44
UFCYWM		12,733	655	1.26	12,696	574	1.08
UNTHE2		12,705	627	1.20	12,763	641	1.21
W2Q7LL		12,427	349	0.67	12,458	336	0.64
WYZ772		12,463	385	0.74	12,489	367	0.69
XHVYQZ		12,125	47	0.09	12,154	32	0.06
XP8BJQ		12,174	96	0.18	12,292	170	0.32
Y2KW7W	M	12,125	47	0.09	No data reported for this sample		
YHKYT3	X	10,061	-2,017	-3.87	10,036	-2,086	-3.95
YN8LN9	*	11,986	-92	-0.18	11,629	-493	-0.93
ZA7ARA		11,805	-273	-0.52	11,976	-146	-0.28

Summary Statistics

	Sample J35	Sample J36
Grand Means	12,078.0 psi	12,122.0 psi
Stnd Dev Btwn Labs	521.1 psi	528.8 psi

Statistics based on 43 of 48 reporting participants

Sample J35: ABS/PC & Sample J36: ABS/PC

Comments on Assigned Data Flags for Test #722

Y2KW7W (M) - Participant did not submit data for sample J36.

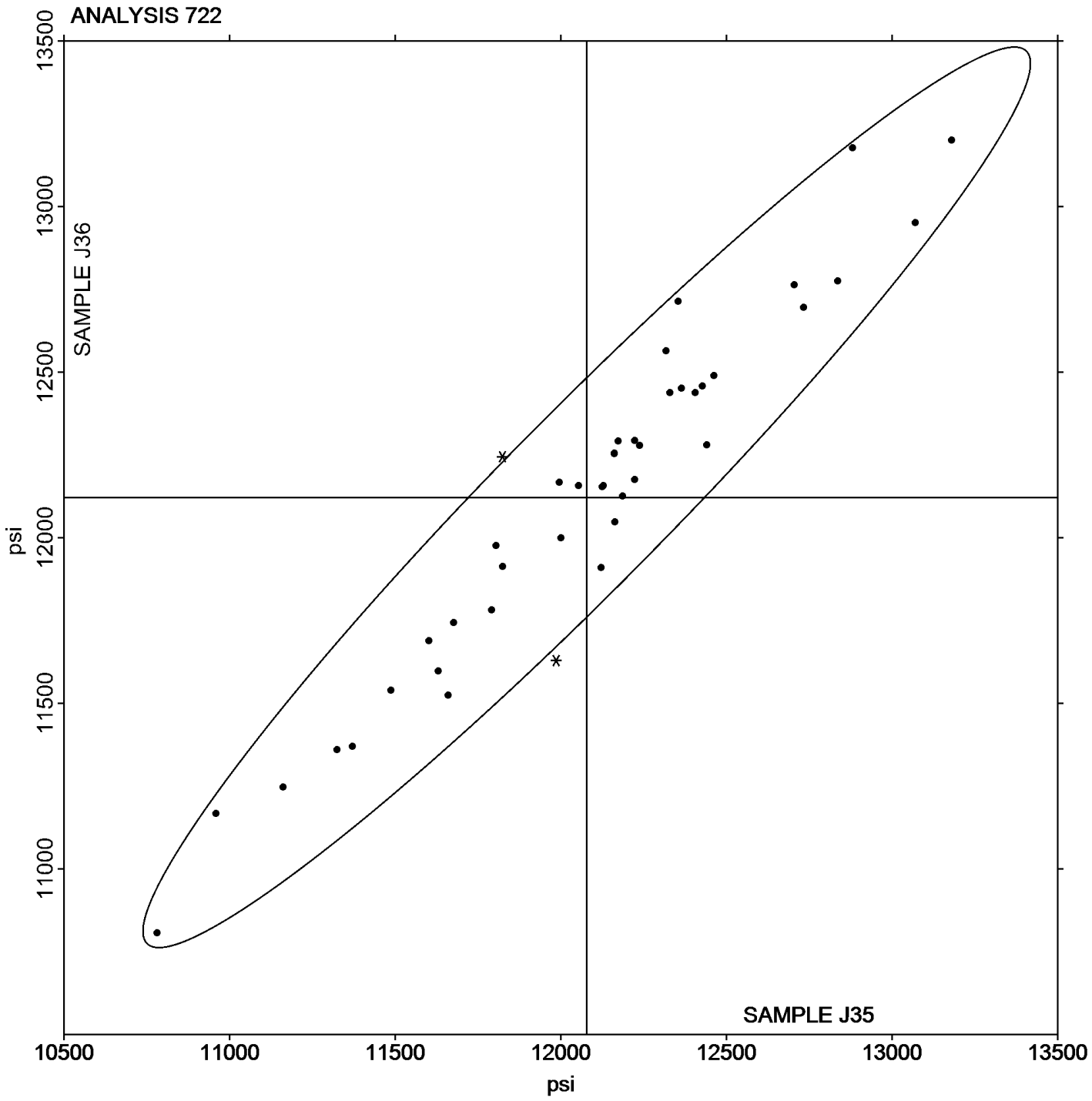
TWNXQZ (X) - Data for both samples are low. Possible Systematic Error.

GAV74Z (X) - Data for both samples are high. Possible Systematic Error.

P6UKZC (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

YHKYT3 (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample J35: 12,078.02 psi Grand Mean Sample J36: 12,121.99 psi



WebCode	Data Flag	Sample C35 Lab Mean	Sample C35 Diff from Grand Mean	Sample C35 CPV	Sample C36 Lab Mean	Sample C36 Diff from Grand Mean	Sample C36 CPV
2JATVP		50.61	-0.82	-0.95	50.55	-0.92	-1.06
2U7RFG		51.40	-0.03	-0.04	51.36	-0.11	-0.13
3EUVB8	X	50.68	-0.75	-0.87	49.96	-1.51	-1.74
44MDFV	*	49.72	-1.71	-1.98	50.22	-1.25	-1.44
74XY33		51.80	0.37	0.42	51.45	-0.03	-0.03
86ANPR		50.44	-0.99	-1.15	50.43	-1.04	-1.20
86Q8MQ	X	44.36	-7.07	-8.17	44.63	-6.84	-7.90
8R4ZN6		50.90	-0.53	-0.62	50.77	-0.70	-0.81
8TGFBJ		52.38	0.95	1.10	52.33	0.86	1.00
9BDGBU		51.70	0.27	0.31	51.69	0.21	0.25
9XNHG7		50.65	-0.78	-0.90	50.60	-0.88	-1.01
AH9JC7		50.81	-0.62	-0.72	50.82	-0.65	-0.75
AL9VZJ		51.06	-0.37	-0.43	51.10	-0.37	-0.43
AVE6NN		51.34	-0.10	-0.11	51.22	-0.25	-0.29
AWQFKF		52.56	1.13	1.30	52.45	0.98	1.13
B4999K		50.88	-0.55	-0.64	50.95	-0.53	-0.61
BLJCHP		51.38	-0.05	-0.06	51.90	0.43	0.50
BRTDV7		51.11	-0.32	-0.37	51.05	-0.42	-0.49
BVQQNW		52.29	0.86	0.99	52.10	0.63	0.73
BX3EEN		52.23	0.80	0.92	52.23	0.75	0.87
C4LJJP		52.44	1.01	1.16	52.22	0.75	0.86
CCUKVW		52.78	1.34	1.55	52.55	1.08	1.25
CCVFE3		53.24	1.81	2.09	53.08	1.61	1.86
CDDFNK		51.16	-0.27	-0.31	51.03	-0.44	-0.50
CHHZ9M		51.64	0.20	0.24	51.76	0.29	0.33
CMDRGK		50.72	-0.71	-0.83	50.72	-0.75	-0.87
CPLHP9		51.51	0.07	0.09	51.68	0.21	0.24
F8QBTK		50.93	-0.51	-0.59	50.87	-0.60	-0.70
GHPCX2		50.73	-0.71	-0.82	50.48	-0.99	-1.14
GUZMMD		51.55	0.12	0.13	51.43	-0.04	-0.05
HTXZ6H		52.12	0.69	0.79	52.10	0.63	0.73
HWYCEK		52.70	1.27	1.46	52.82	1.35	1.56
JPWL9Z		52.73	1.30	1.50	53.09	1.62	1.87
JRAZ7A		52.19	0.76	0.87	52.63	1.16	1.34
JTVZWP		51.86	0.43	0.49	51.60	0.13	0.15

WebCode	Data Flag	Sample C35 Lab Mean	Sample C35 Diff from Grand Mean	Sample C35 CPV	Sample C36 Lab Mean	Sample C36 Diff from Grand Mean	Sample C36 CPV
K327EX		51.27	-0.16	-0.19	51.38	-0.09	-0.11
KFQ2LX		51.92	0.49	0.56	52.09	0.62	0.72
KNKBY2		50.97	-0.46	-0.54	50.94	-0.53	-0.62
MZ6CRD	X	49.74	-1.70	-1.96	48.49	-2.98	-3.44
N6K78B		50.14	-1.30	-1.50	50.12	-1.35	-1.56
NCXF9C		52.65	1.22	1.41	52.61	1.14	1.32
NLL9MU		52.50	1.07	1.24	52.73	1.26	1.46
PH3EK3	X	53.88	2.45	2.83	52.14	0.67	0.77
QGYR38		52.73	1.29	1.49	52.86	1.39	1.60
QKJJDA		50.82	-0.62	-0.71	51.21	-0.27	-0.31
R3TTHM		50.92	-0.51	-0.59	50.86	-0.61	-0.71
RDH798		50.29	-1.14	-1.32	50.41	-1.06	-1.23
RTA3B3		50.71	-0.73	-0.84	50.47	-1.00	-1.15
U4J2PA		51.62	0.19	0.22	51.62	0.15	0.17
ULLYG6		49.70	-1.73	-2.00	49.90	-1.57	-1.81
UQX36L		50.64	-0.79	-0.92	50.62	-0.85	-0.99
WU2AE3		51.14	-0.30	-0.34	51.41	-0.06	-0.07
X9HWDL		52.94	1.51	1.74	53.08	1.61	1.86
XP8BJQ		50.70	-0.74	-0.85	51.02	-0.45	-0.52
Y6YJP4		51.48	0.05	0.06	51.45	-0.02	-0.03
ZA7ARA		50.46	-0.97	-1.13	50.30	-1.18	-1.36
ZHJ8PU		51.82	0.38	0.44	52.23	0.76	0.88
ZUAKKW		50.46	-0.97	-1.13	50.84	-0.63	-0.73

Summary Statistics

	Sample C35	Sample C36
Grand Means	51.434 MPa	51.471 MPa
Stnd Dev Btwn Labs	0.866 MPa	0.866 MPa

Statistics based on 54 of 58 reporting participants

Sample C35: ABS/PC & Sample C36: ABS/PC

Comments on Assigned Data Flags for Test #730

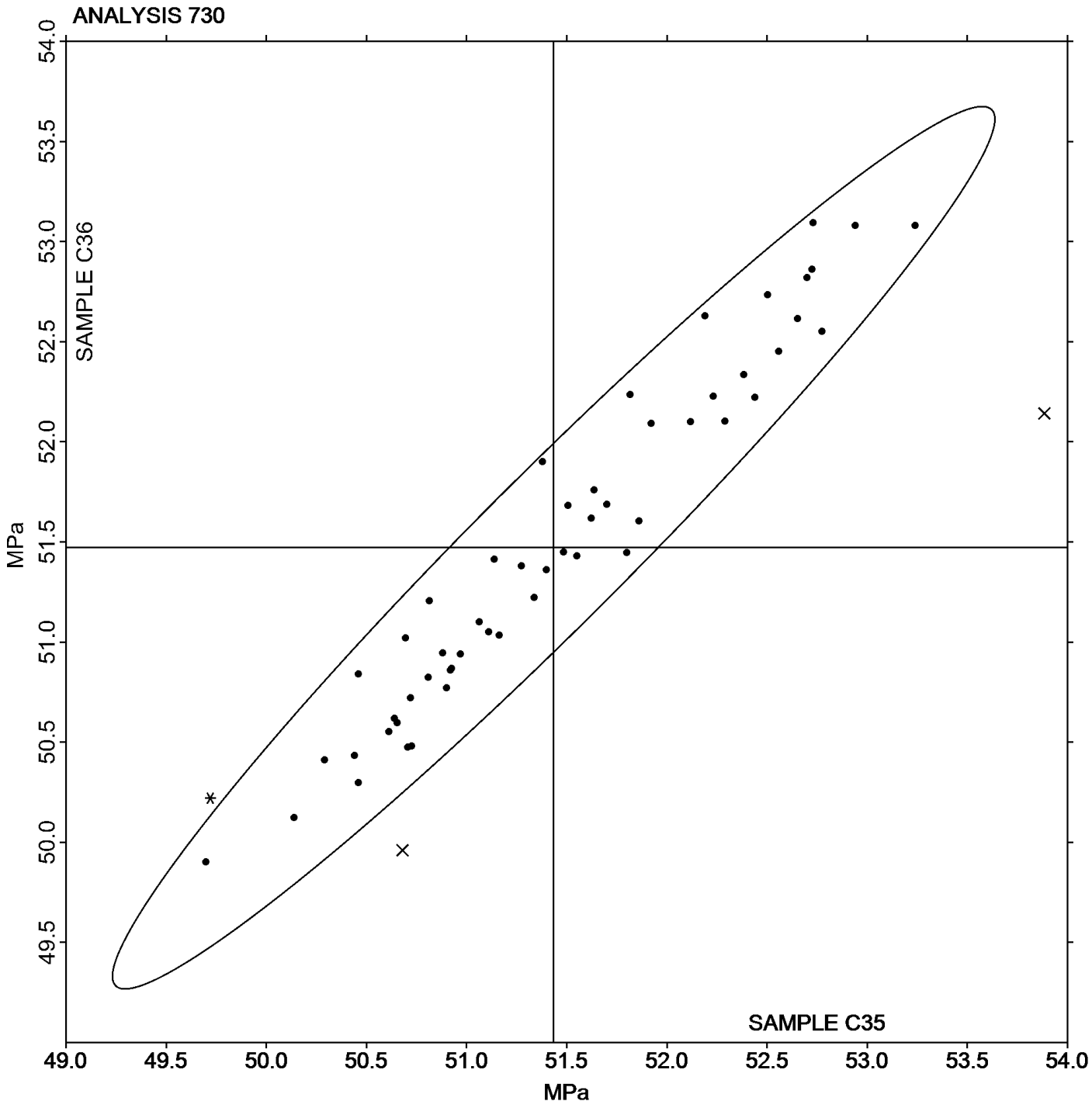
MZ6CRD (X) - Data for sample C36 are low. Inconsistent within the determinations of both samples.

PH3EK3 (X) - Data for sample C35 are high. Inconsistent within the determinations of sample C35.

3EUVB8 (X) - Inconsistent in testing between samples.

86Q8MQ (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample C35.

Grand Mean Sample C35: 51.434 MPa Grand Mean Sample C36: 51.471 MPa



WebCode	Data Flag	Sample C35 Lab Mean	Sample C35 Diff from Grand Mean	Sample C35 CPV	Sample C36 Lab Mean	Sample C36 Diff from Grand Mean	Sample C36 CPV
2JATVP		42.45	-0.33	-0.35	42.80	-0.25	-0.24
2U7RFG		41.68	-1.11	-1.16	41.82	-1.23	-1.19
3EUVB8		42.36	-0.43	-0.45	41.26	-1.79	-1.73
44MDFV	X	39.08	-3.71	-3.86	43.10	0.05	0.05
74XY33		42.80	0.01	0.01	43.33	0.28	0.27
86ANPR		42.65	-0.14	-0.14	43.36	0.31	0.30
8BC3MA	*	39.82	-2.97	-3.09	40.25	-2.80	-2.71
8R4ZN6		42.26	-0.53	-0.55	42.48	-0.57	-0.55
8TGFBJ		42.15	-0.64	-0.67	43.07	0.02	0.02
9BDGBU		42.56	-0.23	-0.24	43.40	0.35	0.33
9XNHG7		42.16	-0.63	-0.66	42.52	-0.53	-0.51
AH9JC7		41.77	-1.02	-1.06	41.87	-1.18	-1.14
AL9VZJ		42.15	-0.64	-0.66	43.55	0.50	0.48
AVE6NN		43.83	1.04	1.08	42.84	-0.21	-0.21
AWQFKF		43.42	0.63	0.65	44.15	1.10	1.06
B4999K		42.30	-0.49	-0.51	42.72	-0.33	-0.31
BLJCHP		42.50	-0.29	-0.30	43.20	0.15	0.15
BRTDV7		42.99	0.20	0.21	44.27	1.22	1.18
BVQQNW		43.06	0.28	0.29	44.17	1.12	1.08
BX3EEN		43.44	0.65	0.68	43.29	0.24	0.23
C4LJJP		43.26	0.47	0.49	44.66	1.61	1.55
CCUKVW		44.26	1.48	1.54	44.21	1.16	1.12
CHHZ9M		42.19	-0.60	-0.62	43.79	0.74	0.72
CMDRGK		42.12	-0.67	-0.70	42.40	-0.65	-0.63
CPLHP9		43.14	0.36	0.37	43.17	0.12	0.11
F8QBTK		43.38	0.60	0.62	43.42	0.37	0.35
GHPCX2		42.96	0.17	0.18	42.92	-0.13	-0.12
GUZMMD		43.04	0.25	0.26	42.61	-0.44	-0.42
HTXZ6H		43.98	1.19	1.24	44.04	0.99	0.96
HWYCEK		44.90	2.11	2.20	45.22	2.17	2.09
JPWL9Z		43.82	1.03	1.08	43.96	0.91	0.88
JRAZ7A		43.52	0.73	0.76	43.83	0.78	0.75
JTVZWP		43.51	0.72	0.75	42.34	-0.71	-0.68
K327EX		43.01	0.22	0.23	43.19	0.14	0.14
KFQ2LX		43.12	0.33	0.35	43.24	0.19	0.18

WebCode	Data Flag	Sample C35 Lab Mean	Sample C35 Diff from Grand Mean	Sample C35 CPV	Sample C36 Lab Mean	Sample C36 Diff from Grand Mean	Sample C36 CPV
KNKBY2		42.16	-0.63	-0.66	41.86	-1.19	-1.15
MZ6CRD		40.81	-1.98	-2.06	40.64	-2.41	-2.32
N6K78B		41.56	-1.23	-1.28	42.19	-0.86	-0.83
NCXF9C		44.19	1.41	1.46	44.09	1.04	1.00
PH3EK3	X	45.70	2.91	3.03	43.83	0.78	0.75
QGYR38		44.29	1.50	1.56	43.90	0.85	0.82
R3TTHM		41.68	-1.11	-1.16	42.36	-0.69	-0.67
RTA3B3		43.27	0.48	0.50	42.80	-0.25	-0.24
U4J2PA		43.09	0.30	0.32	43.94	0.89	0.86
UQX36L		42.93	0.15	0.15	44.28	1.23	1.19
X9HWDL		44.42	1.63	1.70	44.18	1.13	1.09
XP8BJQ		41.99	-0.80	-0.83	41.89	-1.16	-1.12
Y6YJP4		41.80	-0.98	-1.03	41.85	-1.20	-1.16
ZA7ARA		42.32	-0.47	-0.49	41.85	-1.20	-1.16
ZHJ8PU	X	40.64	-2.15	-2.24	43.79	0.74	0.72
ZUAKKW		42.76	-0.03	-0.03	43.22	0.17	0.16

Summary Statistics

	Sample C35	Sample C36
Grand Means	42.789 MPa	43.050 MPa
Stnd Dev Btwn Labs	0.960 MPa	1.036 MPa

Statistics based on 48 of 51 reporting participants

Sample C35: ABS/PC & Sample C36: ABS/PC

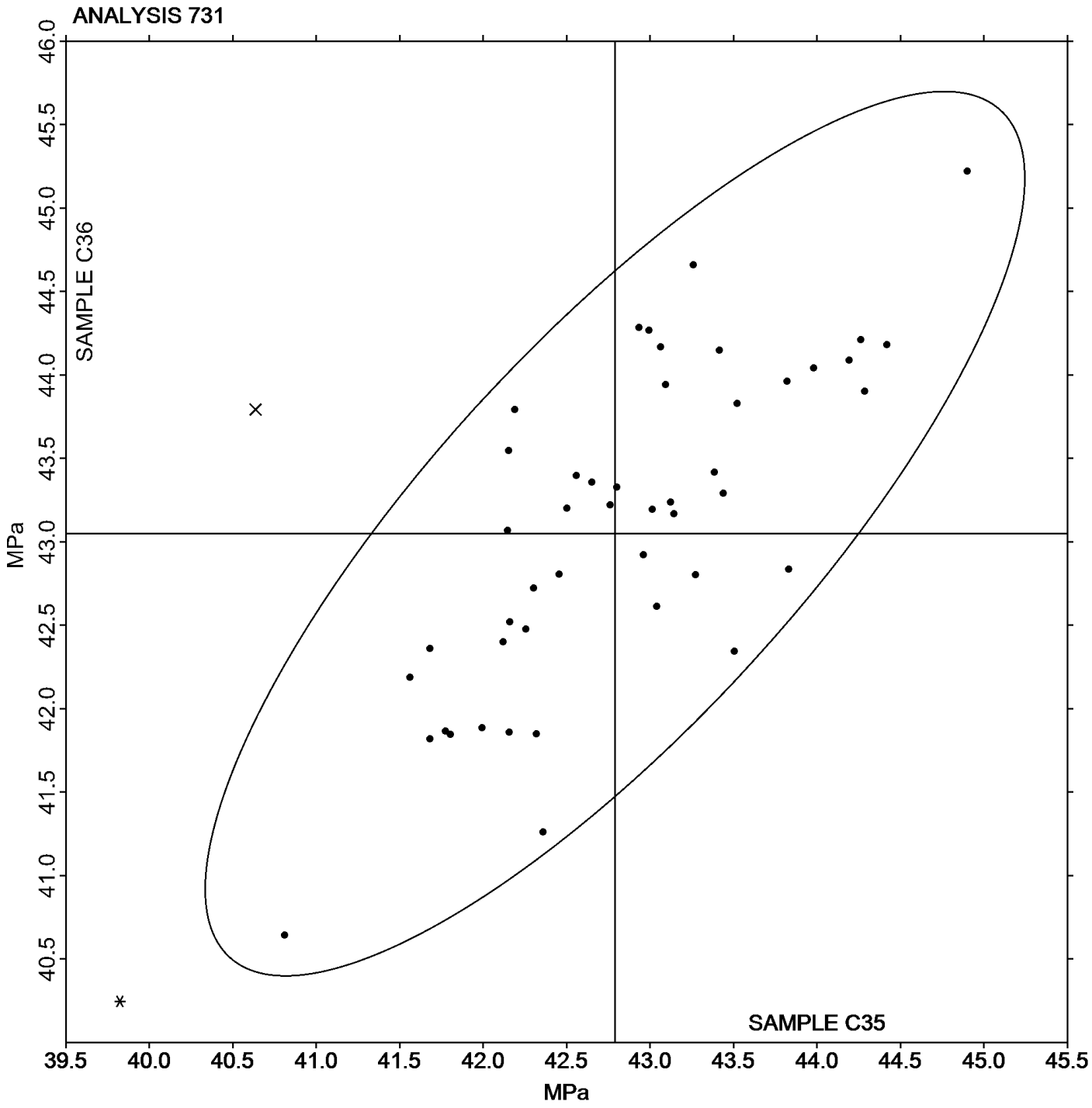
Comments on Assigned Data Flags for Test #731

ZHJ8PU (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample C35.

PH3EK3 (X) - Data for sample C35 are high.

44MDFV (X) - Data for sample C35 are low. Inconsistent within the determinations of sample C35.

Grand Mean Sample C35: 42.789 MPa Grand Mean Sample C36: 43.050 MPa



WebCode	Data Flag	Sample C35 Lab Mean	Sample C35 Diff from Grand Mean	Sample C35 CPV	Sample C36 Lab Mean	Sample C36 Diff from Grand Mean	Sample C36 CPV
2JATVP		4.976	0.099	0.90	4.914	0.062	0.56
3EUVB8	X	4.420	-0.457	-4.16	4.560	-0.292	-2.65
44MDFV		4.846	-0.031	-0.28	4.770	-0.082	-0.75
74XY33	X	4.452	-0.425	-3.87	4.304	-0.548	-4.98
86ANPR		4.820	-0.057	-0.52	4.774	-0.078	-0.71
8R4ZN6	X	5.790	0.913	8.32	5.778	0.926	8.40
8TGFBJ		5.006	0.129	1.18	4.962	0.110	1.00
9BDGBU		4.886	0.009	0.09	4.832	-0.020	-0.18
9XNHG7		4.882	0.005	0.05	4.862	0.010	0.09
AH9JC7		4.851	-0.026	-0.23	4.806	-0.047	-0.42
AL9VZJ		4.828	-0.049	-0.44	4.822	-0.030	-0.27
AVE6NN		4.958	0.081	0.74	4.994	0.142	1.29
AWQFKF		4.934	0.057	0.52	4.864	0.012	0.11
B4999K		4.896	0.019	0.18	4.906	0.054	0.49
BLJCHP		4.840	-0.037	-0.33	4.760	-0.092	-0.84
BRTDV7	*	5.160	0.283	2.58	5.095	0.242	2.20
BVQQNW		4.662	-0.215	-1.95	4.574	-0.278	-2.53
BX3EEN		4.936	0.059	0.54	4.978	0.126	1.14
C4LJJP		4.820	-0.057	-0.52	4.700	-0.152	-1.38
CCUKVW	*	5.180	0.303	2.76	4.992	0.140	1.27
CDDFNK		4.804	-0.073	-0.66	4.854	0.002	0.02
CHHZ9M	X	4.894	0.017	0.16	5.168	0.316	2.87
CMDRGK		4.700	-0.177	-1.61	4.676	-0.176	-1.60
F8QBTK		4.826	-0.051	-0.46	4.792	-0.060	-0.55
GHPCX2		4.806	-0.071	-0.64	4.800	-0.052	-0.47
GUZMMD	X	4.836	-0.041	-0.37	5.600	0.748	6.79
HTXZ6H		4.824	-0.053	-0.48	4.852	0.000	0.00
HWYCEK		4.820	-0.057	-0.52	4.820	-0.032	-0.29
JPWL9Z		4.950	0.073	0.67	4.974	0.122	1.11
JTVZWP		4.766	-0.111	-1.01	4.730	-0.122	-1.11
K327EX		4.896	0.019	0.18	4.768	-0.084	-0.76
KFQ2LX		4.874	-0.003	-0.02	4.842	-0.010	-0.09
KNKBY2	*	4.622	-0.255	-2.32	4.748	-0.104	-0.95
MZ6CRD		4.878	0.001	0.01	4.794	-0.058	-0.53
N6K78B		4.870	-0.007	-0.06	4.712	-0.140	-1.27

WebCode	Data Flag	Sample C35 Lab Mean	Sample C35 Diff from Grand Mean	Sample C35 CPV	Sample C36 Lab Mean	Sample C36 Diff from Grand Mean	Sample C36 CPV
NCXF9C		5.026	0.149	1.36	5.084	0.232	2.10
NLL9MU		4.868	-0.009	-0.08	4.872	0.020	0.18
PH3EK3		4.878	0.001	0.01	4.860	0.008	0.07
QGYR38	X	5.446	0.569	5.18	5.678	0.826	7.50
QKJJDA		4.808	-0.069	-0.62	4.740	-0.112	-1.02
R3TTHM		4.980	0.103	0.94	4.814	-0.038	-0.35
RTA3B3		4.936	0.059	0.54	4.972	0.120	1.09
U4J2PA		5.052	0.175	1.60	5.068	0.216	1.96
UQX36L		4.932	0.055	0.50	4.855	0.003	0.02
X9HWDL		4.806	-0.071	-0.64	4.944	0.092	0.83
XP8BJQ		4.830	-0.047	-0.42	4.894	0.042	0.38
Y6YJP4		4.874	-0.003	-0.02	4.898	0.046	0.42
ZA7ARA	X	4.628	-0.249	-2.26	4.438	-0.414	-3.76
ZHJ8PU		4.733	-0.143	-1.30	4.840	-0.012	-0.11
ZUAKKW		4.854	-0.023	-0.21	4.838	-0.014	-0.13

Summary Statistics

	Sample C35	Sample C36
Grand Means	4.8766 Percent	4.8522 Percent
Stnd Dev Btwn Labs	0.1098 Percent	0.1102 Percent

Statistics based on 43 of 50 reporting participants

Sample C35: ABS/PC & Sample C36: ABS/PC

Comments on Assigned Data Flags for Test #732

GUZMMD (X) - Data for sample C36 are high. Inconsistent within the determinations of sample C36.

CHHZ9M (X) - Data for sample C36 are high. Inconsistent within the determinations of both samples.

QGYR38 (X) - Data for both samples are high. Possible Systematic Error.

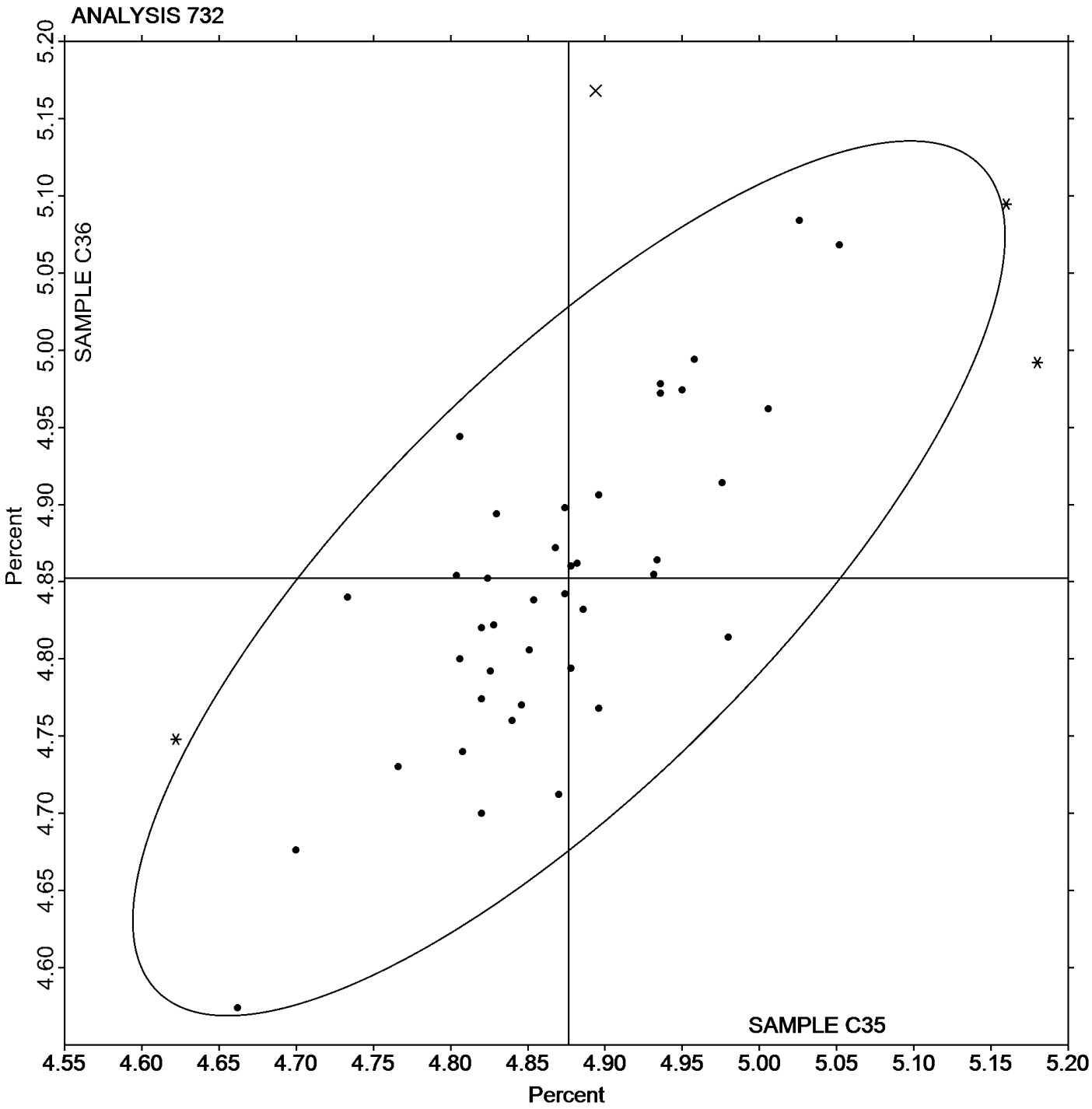
8R4ZN6 (X) - Data for both samples are high. Possible Systematic Error.

ZA7ARA (X) - Data for sample C36 are low.

3EUVB8 (X) - Data for sample C35 are low.

74XY33 (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample C35: 4.8766 Percent Grand Mean Sample C36: 4.8522 Percent



WebCode	Data Flag	Sample C35 Lab Mean	Sample C35 Diff from Grand Mean	Sample C35 CPV	Sample C36 Lab Mean	Sample C36 Diff from Grand Mean	Sample C36 CPV
2JATVP		2,280	24	0.27	2,262	18	0.20
2U7RFG		2,286	30	0.33	2,236	-9	-0.10
3EUVB8	*	2,502	246	2.74	2,495	251	2.77
44MDFV		2,271	15	0.17	2,279	34	0.38
74XY33	X	3,016	760	8.47	2,924	680	7.52
86ANPR	X	2,179	-77	-0.86	2,352	108	1.19
8BC3MA		2,250	-6	-0.06	2,226	-19	-0.21
8R4ZN6	*	2,324	68	0.75	2,188	-56	-0.62
8TGFBJ		2,216	-40	-0.45	2,219	-26	-0.29
9BDGBU		2,175	-81	-0.90	2,218	-26	-0.29
9XNHG7		2,220	-36	-0.40	2,271	26	0.29
AH9JC7		2,180	-76	-0.85	2,186	-59	-0.65
AL9VZJ		2,194	-62	-0.70	2,097	-148	-1.64
AVE6NN		2,152	-104	-1.15	2,114	-131	-1.45
AWQFKF		2,250	-6	-0.06	2,289	45	0.49
B4999K		2,146	-110	-1.23	2,181	-63	-0.70
BLJCHP		2,115	-141	-1.58	2,127	-118	-1.30
BRTDV7		2,237	-19	-0.22	2,236	-8	-0.09
BVQQNW	X	2,915	659	7.35	2,993	748	8.28
BX3EEN		2,225	-31	-0.34	2,239	-6	-0.07
C4LJJP		2,264	8	0.09	2,262	17	0.19
CCUKVW		2,267	11	0.12	2,198	-47	-0.52
CDDFNK		2,382	126	1.40	2,361	116	1.29
CHHZ9M		2,275	19	0.21	2,295	50	0.56
CMDRGK		2,168	-88	-0.98	2,172	-72	-0.80
F8QBTK		2,217	-39	-0.43	2,266	22	0.24
GHPCX2		2,211	-45	-0.50	2,255	11	0.12
GUZMMD		2,035	-221	-2.47	2,053	-192	-2.13
HTXZ6H		2,330	74	0.83	2,342	97	1.08
HWYCEK	*	2,370	114	1.27	2,222	-23	-0.25
JPWL9Z		2,242	-14	-0.15	2,268	24	0.26
JRAZ7A		2,390	134	1.49	2,423	179	1.98
JTVZWP		2,394	138	1.54	2,379	134	1.49
K327EX		2,344	88	0.98	2,337	92	1.02
KFQ2LX		2,276	20	0.23	2,296	51	0.57

WebCode	Data Flag	Sample C35 Lab Mean	Sample C35 Diff from Grand Mean	Sample C35 CPV	Sample C36 Lab Mean	Sample C36 Diff from Grand Mean	Sample C36 CPV
KNKBY2		2,220	-36	-0.41	2,154	-91	-1.01
MZ6CRD		2,305	49	0.55	2,292	48	0.53
N6K78B		2,120	-136	-1.52	2,116	-129	-1.43
PH3EK3		2,278	22	0.25	2,230	-14	-0.16
QGYR38		2,203	-53	-0.59	2,112	-132	-1.47
QKJJDA		2,310	54	0.61	2,321	76	0.84
R3TTHM		2,211	-45	-0.50	2,216	-28	-0.31
RDH798		2,456	200	2.23	2,424	179	1.98
RTA3B3		2,205	-51	-0.57	2,220	-24	-0.27
UQX36L		2,283	27	0.30	2,302	57	0.63
X9HWDL		2,375	119	1.33	2,334	89	0.99
XP8BJQ		2,291	35	0.39	2,251	6	0.07
Y6YJP4		2,273	17	0.19	2,256	12	0.13
ZA7ARA		2,173	-83	-0.92	2,137	-107	-1.19
ZHJ8PU		2,148	-108	-1.20	2,138	-106	-1.18
ZUAKKW		2,249	-7	-0.08	2,248	4	0.04

Summary Statistics

	Sample C35	Sample C36
Grand Means	2,256.0 MPa	2,244.7 MPa
Stnd Dev Btwn Labs	89.7 MPa	90.3 MPa

Statistics based on 48 of 51 reporting participants

Sample C35: ABS/PC & Sample C36: ABS/PC

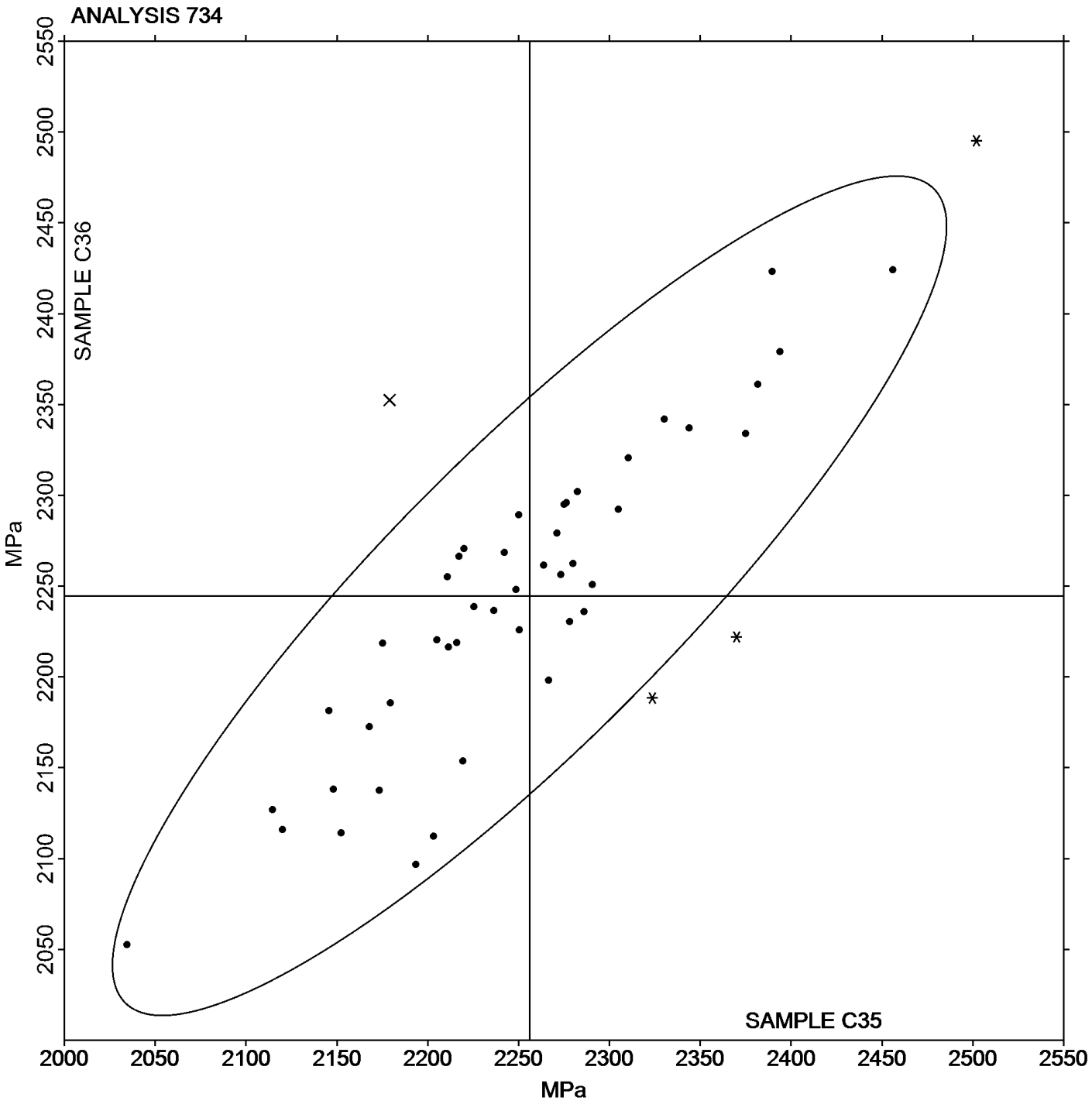
Comments on Assigned Data Flags for Test #734

86ANPR (X) - Inconsistent in testing between samples.

74XY33 (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

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

Grand Mean Sample C35: 2,256.00 MPa Grand Mean Sample C36: 2,244.68 MPa



WebCode	Data Flag	Sample K35 Lab Mean	Sample K35 Diff from Grand Mean	Sample K35 CPV	Sample K36 Lab Mean	Sample K36 Diff from Grand Mean	Sample K36 CPV
2JATVP		2,253	-11	-0.12	2,218	-44	-0.52
2U7RFG		2,298	34	0.39	2,304	42	0.50
3EUVB8	*	2,086	-179	-2.04	2,151	-111	-1.31
44MDFV		2,221	-43	-0.49	2,247	-15	-0.18
74XY33		2,318	53	0.61	2,325	63	0.75
86ANPR		2,236	-28	-0.32	2,246	-16	-0.19
8BC3MA	X	22,920	20,656	235.94	22,374	20,112	238.44
8R4ZN6		2,284	19	0.22	2,235	-26	-0.31
8TGFBJ		2,296	32	0.37	2,286	24	0.29
9XNHG7		2,280	16	0.18	2,265	3	0.04
AH9JC7		2,202	-62	-0.71	2,249	-13	-0.15
AL9VZJ		2,229	-35	-0.40	2,223	-38	-0.45
AVE6NN		2,431	167	1.91	2,414	153	1.81
AWQFKF		2,221	-43	-0.49	2,225	-36	-0.43
B4999K		2,169	-95	-1.09	2,173	-89	-1.05
BLJCHP	*	2,472	207	2.37	2,493	231	2.74
BRTDV7		2,382	117	1.34	2,312	51	0.60
C4LJJP		2,327	63	0.72	2,296	34	0.41
CDDFNK		2,376	112	1.28	2,339	78	0.92
CMDRGK		2,195	-69	-0.79	2,193	-69	-0.82
F8QBTK		2,122	-142	-1.62	2,139	-122	-1.45
GJFWKD		2,353	89	1.01	2,358	97	1.15
GUZMMD		2,382	118	1.35	2,379	117	1.39
HTXZ6H		2,320	56	0.64	2,316	55	0.65
J9B8XG		2,232	-32	-0.37	2,254	-8	-0.09
JHV8MX		2,338	73	0.84	2,274	13	0.15
JPWL9Z		2,393	129	1.47	2,396	135	1.60
JRAZ7A		2,232	-32	-0.37	2,245	-17	-0.20
JTVZWP		2,336	72	0.82	2,352	91	1.07
K327EX		2,222	-42	-0.48	2,238	-24	-0.28
KFQ2LX		2,303	39	0.45	2,327	65	0.78
KNKBY2		2,157	-107	-1.22	2,181	-81	-0.96
MZ6CRD		2,204	-60	-0.69	2,200	-62	-0.73
NCXF9C		2,179	-85	-0.97	2,161	-100	-1.19
NLL9MU		2,281	17	0.19	2,299	38	0.45

WebCode	Data Flag	Sample K35 Lab Mean	Sample K35 Diff from Grand Mean	Sample K35 CPV	Sample K36 Lab Mean	Sample K36 Diff from Grand Mean	Sample K36 CPV
PH3EK3		2,278	14	0.16	2,275	13	0.15
QGYR38		2,353	88	1.01	2,334	72	0.86
QKJJDA		2,258	-6	-0.07	2,231	-30	-0.36
QKYBFM		2,310	46	0.53	2,316	55	0.65
R3TTHM		2,211	-53	-0.61	2,211	-51	-0.60
RTA3B3		2,286	22	0.25	2,291	29	0.35
U4J2PA	*	2,237	-27	-0.31	2,163	-98	-1.17
UQX36L		2,222	-42	-0.48	2,279	17	0.21
X9HWDL		2,331	67	0.77	2,339	78	0.92
XP8BJQ		2,214	-51	-0.58	2,227	-35	-0.41
Y6YJP4		2,106	-158	-1.81	2,103	-158	-1.88
ZA7ARA		2,123	-141	-1.61	2,136	-126	-1.49
ZHJ8PU		2,320	55	0.63	2,286	24	0.28
ZUAKKW	*	2,101	-163	-1.86	2,051	-210	-2.49

Summary Statistics

	Sample K35	Sample K36
Grand Means	2,264.1 MPa	2,261.6 MPa
Stnd Dev Btwn Labs	87.5 MPa	84.3 MPa

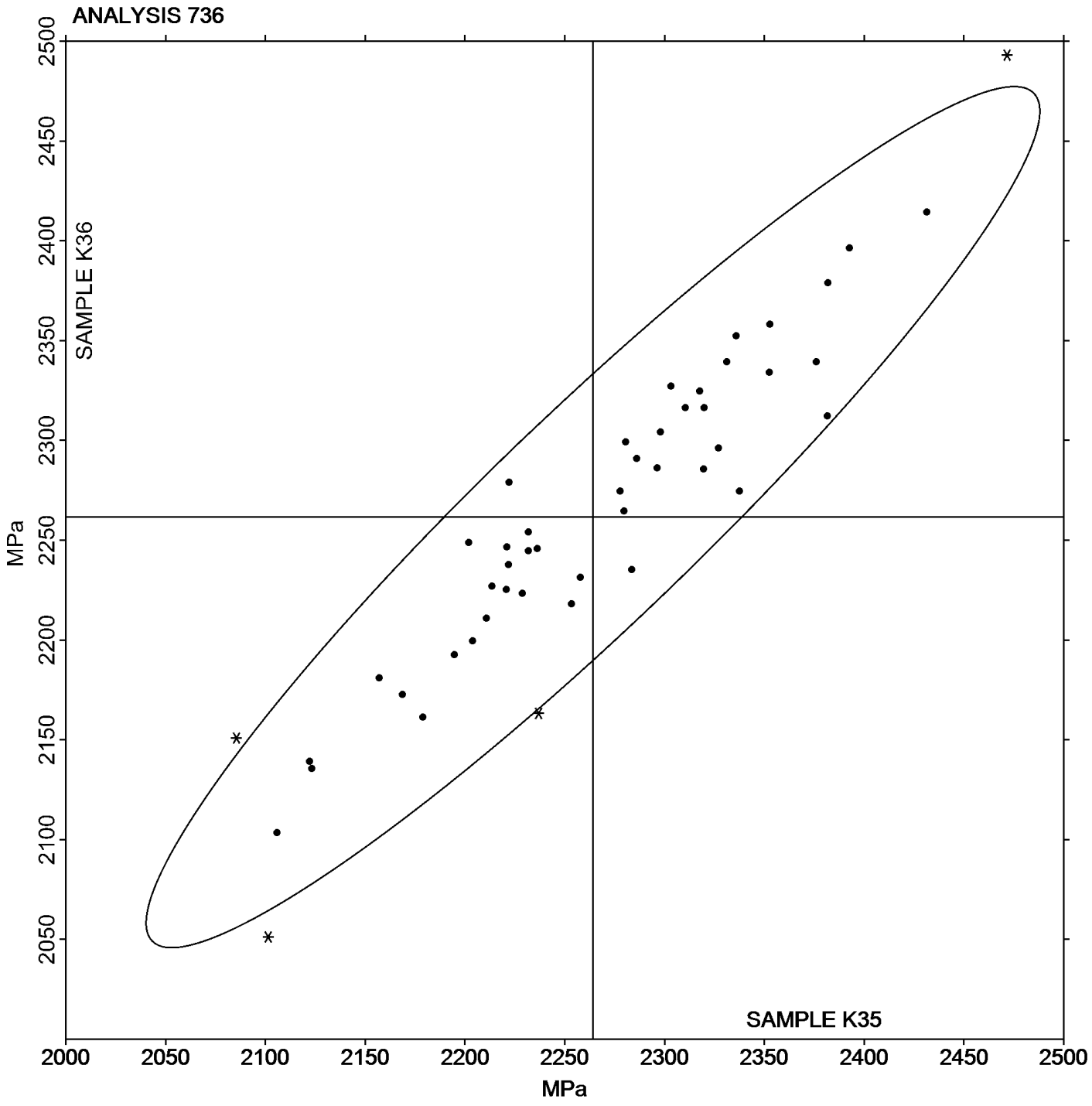
Statistics based on 48 of 49 reporting participants

Sample K35: ABS/PC & Sample K36: ABS/PC

8BC3MA (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

BRTDV7 - Data appeared to be reported in the wrong units. The units were corrected by CTS.

Grand Mean Sample K35: 2,264.12 MPa Grand Mean Sample K36: 2,261.56 MPa



WebCode	Data Flag	Sample K35 Lab Mean	Sample K35 Diff from Grand Mean	Sample K35 CPV	Sample K36 Lab Mean	Sample K36 Diff from Grand Mean	Sample K36 CPV
2JATVP		70.12	0.14	0.07	70.55	0.61	0.33
2U7RFG		72.70	2.72	1.44	72.69	2.75	1.51
3EUVB8		68.18	-1.80	-0.95	68.12	-1.82	-1.00
44MDFV	*	65.69	-4.29	-2.27	66.49	-3.45	-1.89
74XY33		70.74	0.76	0.40	70.33	0.39	0.21
86ANPR		67.87	-2.11	-1.12	68.04	-1.91	-1.04
8BC3MA	X	699.88	629.90	333.74	690.33	620.39	339.93
8R4ZN6		70.34	0.36	0.19	70.06	0.12	0.06
8TGFBJ		72.65	2.67	1.42	72.33	2.38	1.31
9XNHG7		68.75	-1.23	-0.65	68.88	-1.06	-0.58
AH9JC7	X	66.71	-3.27	-1.73	68.32	-1.62	-0.89
AL9VZJ		67.69	-2.29	-1.21	67.94	-2.01	-1.10
AVE6NN		72.54	2.56	1.36	72.42	2.48	1.36
AWQFKF		69.78	-0.20	-0.11	69.72	-0.22	-0.12
B4999K		68.59	-1.39	-0.73	68.95	-0.99	-0.54
BLJCHP		70.34	0.36	0.19	70.72	0.78	0.43
BRTDV7	X	12.52	-57.46	-30.44	12.43	-57.51	-31.51
C4LJJP		69.88	-0.10	-0.05	68.82	-1.12	-0.61
CDDFNK		71.45	1.47	0.78	70.99	1.05	0.58
CMDRGK		69.96	-0.02	-0.01	69.62	-0.32	-0.18
F8QBTK		68.66	-1.32	-0.70	69.04	-0.90	-0.49
GUZMMD		72.73	2.75	1.46	73.13	3.19	1.75
HTXZ6H		70.66	0.68	0.36	70.58	0.64	0.35
J9B8XG	X	59.32	-10.66	-5.65	64.22	-5.72	-3.14
JHV8MX		71.70	1.72	0.91	71.79	1.85	1.01
JPWL9Z		73.43	3.45	1.83	73.39	3.45	1.89
JRAZ7A	X	80.14	10.16	5.38	80.71	10.77	5.90
JTVZWP		70.54	0.56	0.30	70.52	0.58	0.32
K327EX		69.60	-0.38	-0.20	69.02	-0.92	-0.50
KFQ2LX		71.51	1.53	0.81	72.20	2.26	1.24
KNKBY2		69.48	-0.50	-0.26	69.83	-0.12	-0.06
MZ6CRD		69.19	-0.79	-0.42	68.89	-1.06	-0.58
NCXF9C		70.58	0.60	0.32	70.19	0.25	0.14
PH3EK3		68.74	-1.24	-0.66	68.73	-1.21	-0.66
QGYR38		71.53	1.55	0.82	71.06	1.12	0.61

WebCode	Data Flag	Sample K35 Lab Mean	Sample K35 Diff from Grand Mean	Sample K35 CPV	Sample K36 Lab Mean	Sample K36 Diff from Grand Mean	Sample K36 CPV
QKJJDA		70.34	0.36	0.19	70.38	0.44	0.24
QKYBFM		73.70	3.72	1.97	73.94	4.00	2.19
R3TTHM		68.98	-1.00	-0.53	69.28	-0.66	-0.36
RTA3B3		66.31	-3.67	-1.95	66.50	-3.44	-1.89
U4J2PA		70.85	0.87	0.46	70.08	0.13	0.07
UQX36L		69.20	-0.78	-0.41	69.16	-0.78	-0.43
X9HWDL		72.59	2.61	1.38	71.93	1.99	1.09
XP8BJQ		68.26	-1.72	-0.91	69.02	-0.92	-0.51
Y6YJP4		67.56	-2.42	-1.28	67.02	-2.92	-1.60
ZA7ARA		67.32	-2.66	-1.41	67.58	-2.36	-1.30
ZHJ8PU		69.82	-0.16	-0.08	69.54	-0.40	-0.22
ZUAKKW		68.58	-1.40	-0.74	68.08	-1.86	-1.02

Summary Statistics

	Sample K35	Sample K36
Grand Means	69.979 MPa	69.942 MPa
Stnd Dev Btwn Labs	1.887 MPa	1.825 MPa

Statistics based on 42 of 47 reporting participants

Sample K35: ABS/PC & Sample K36: ABS/PC

Comments on Assigned Data Flags for Test #737

J9B8XG (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

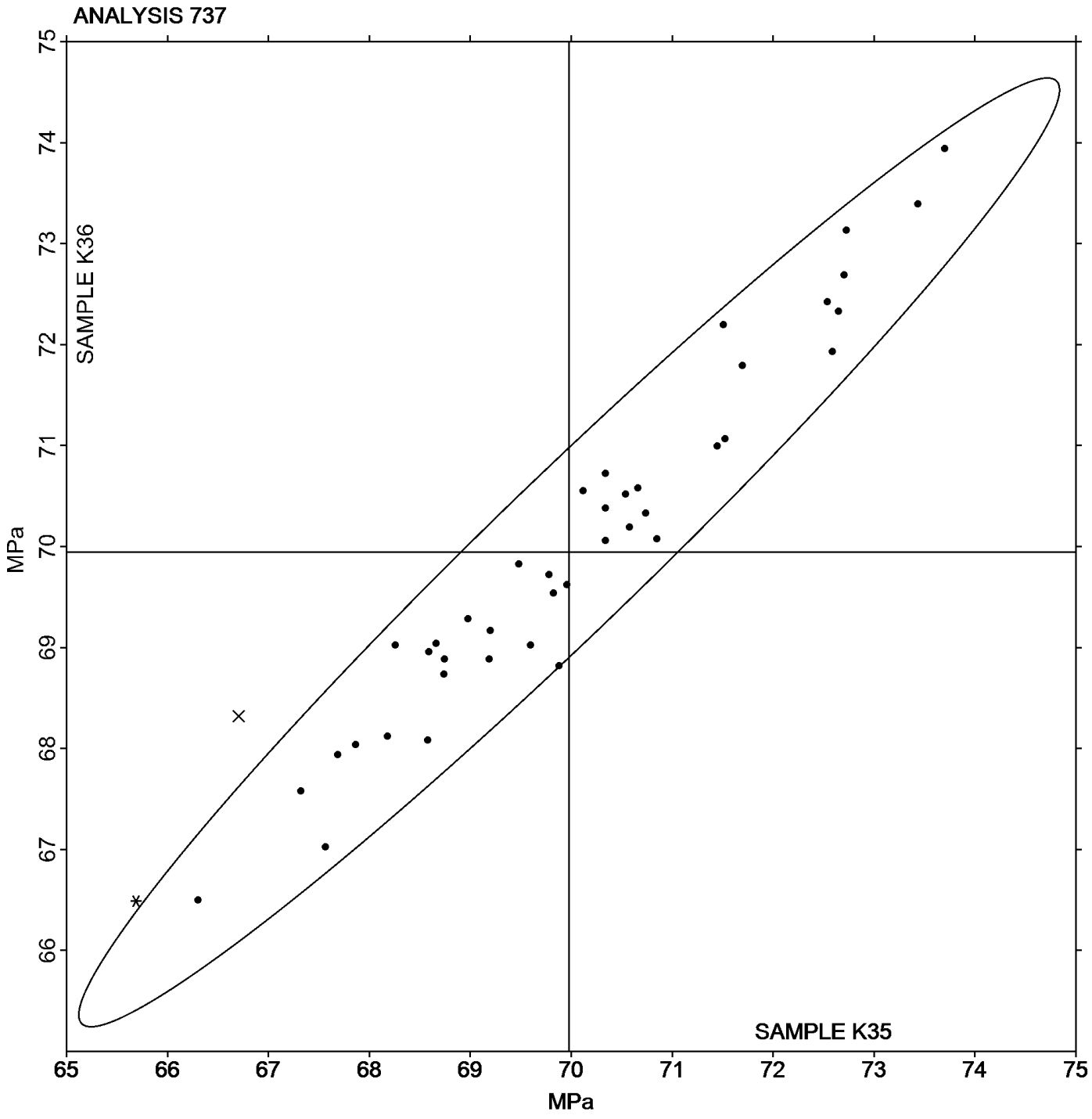
JRAZ7A (X) - Data for both samples are high. Possible Systematic Error.

BRTDV7 (X) - Data for both samples are low. Possible Systematic Error.

8BC3MA (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

AH9JC7 (X) - Inconsistent in testing between samples.

Grand Mean Sample K35: 69.979 MPa Grand Mean Sample K36: 69.942 MPa



WebCode	Data Flag	Sample K35 Lab Mean	Sample K35 Diff from Grand Mean	Sample K35 CPV	Sample K36 Lab Mean	Sample K36 Diff from Grand Mean	Sample K36 CPV
2JATVP		81.70	0.07	0.03	81.87	0.21	0.09
2U7RFG		83.66	2.03	0.78	83.35	1.68	0.72
3EUVB8	*	79.20	-2.43	-0.93	81.16	-0.50	-0.21
44MDFV		75.70	-5.93	-2.27	76.54	-5.12	-2.19
74XY33		80.11	-1.52	-0.58	79.75	-1.91	-0.82
86ANPR		79.09	-2.53	-0.97	79.33	-2.34	-1.00
8R4ZN6		81.18	-0.45	-0.17	81.74	0.08	0.03
8TGFBJ		85.94	4.32	1.66	86.22	4.56	1.95
AL9VZJ		79.76	-1.87	-0.72	81.11	-0.55	-0.24
AVE6NN		84.11	2.48	0.95	83.52	1.86	0.79
AWQFKF		80.77	-0.86	-0.33	80.71	-0.96	-0.41
BLJCHP		79.30	-2.33	-0.89	79.40	-2.26	-0.97
C4LJJP		80.72	-0.91	-0.35	79.42	-2.24	-0.96
CDDFNK		82.96	1.33	0.51	82.77	1.10	0.47
CMDRGK		81.40	-0.23	-0.09	80.78	-0.88	-0.38
GJFWKD		84.54	2.92	1.12	84.06	2.40	1.02
JHV8MX		82.89	1.26	0.48	82.30	0.64	0.27
JTVZWP		79.72	-1.91	-0.73	79.78	-1.89	-0.81
K327EX		81.98	0.35	0.13	81.38	-0.29	-0.12
KFQ2LX		81.78	0.16	0.06	82.67	1.01	0.43
KNKBY2		80.36	-1.27	-0.49	80.48	-1.19	-0.51
MZ6CRD		81.39	-0.24	-0.09	82.00	0.34	0.14
NLL9MU		79.95	-1.68	-0.64	80.51	-1.15	-0.49
PH3EK3		81.71	0.08	0.03	81.59	-0.08	-0.03
QGYR38		85.09	3.46	1.33	84.50	2.83	1.21
QKYBFM	*	88.01	6.38	2.45	87.95	6.29	2.68
R3TTHM		80.97	-0.66	-0.25	81.12	-0.55	-0.23
UQX36L		83.54	1.91	0.73	83.47	1.81	0.77
X9HWDL		86.86	5.23	2.01	85.40	3.74	1.60
XP8BJQ		79.08	-2.55	-0.98	79.86	-1.80	-0.77
Y6YJP4		79.30	-2.33	-0.89	78.77	-2.89	-1.23
ZA7ARA		79.34	-2.28	-0.88	79.74	-1.93	-0.82

Summary Statistics	Sample K35	Sample K36
Grand Means	81.628 MPa	81.664 MPa
Stnd Dev Btwn Labs	2.607 MPa	2.343 MPa

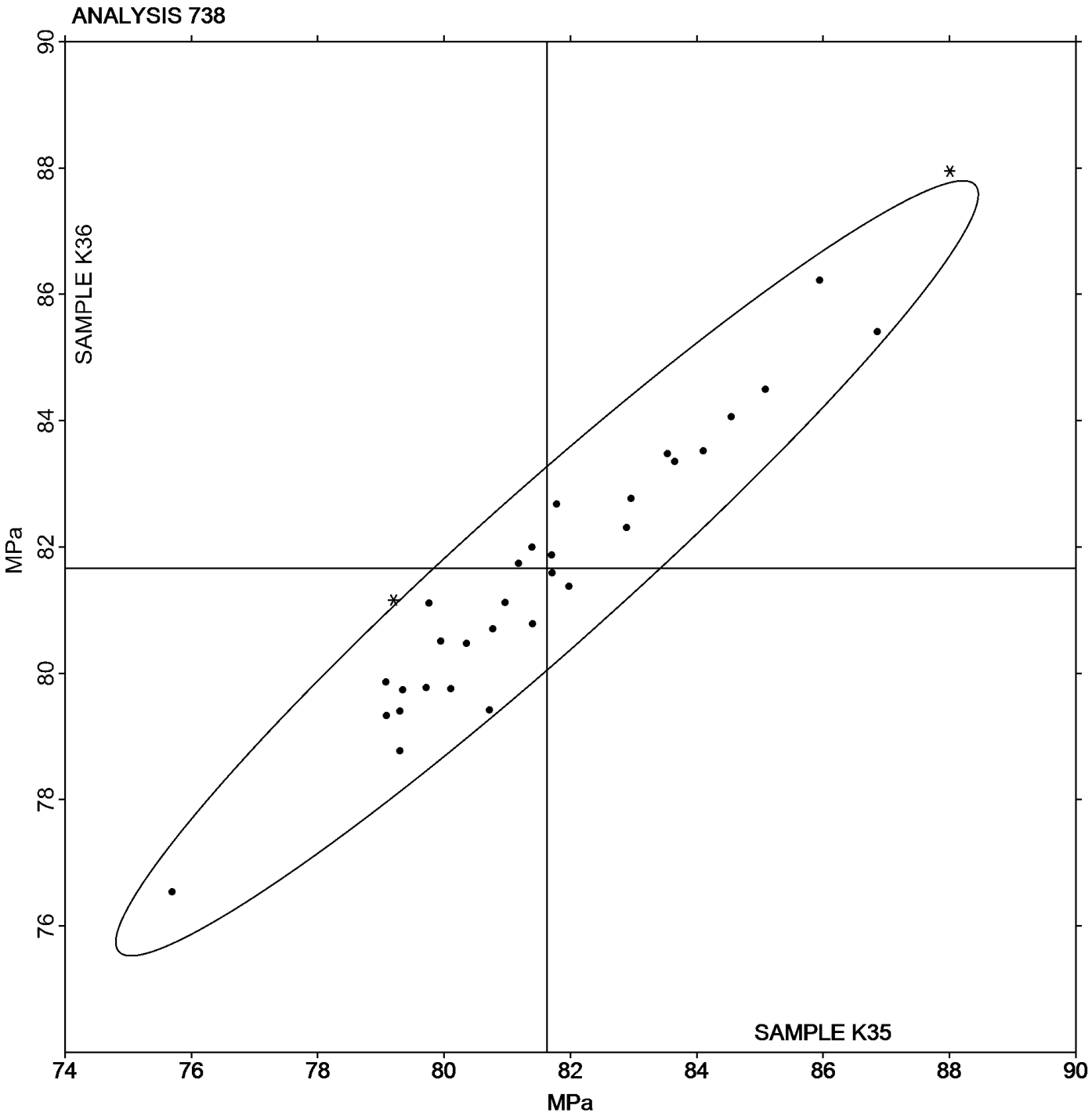
Statistics based on 32 of 32 reporting participants

Sample K35: ABS/PC & Sample K36: ABS/PC

Analysis Notes:

AWQFKF - Data appeared to be reported in the wrong units. The units were corrected by CTS.

Grand Mean Sample K35: 81.628 MPa Grand Mean Sample K36: 81.664 MPa



WebCode	Data Flag	Sample X35 Lab Mean	Sample X35 Diff from Grand Mean	Sample X35 CPV	Sample X36 Lab Mean	Sample X36 Diff from Grand Mean	Sample X36 CPV	Instr Code
2JATVP	X	0.27	-14.70	-21.32	0.24	-14.70	-22.63	TO
2U7RFG		13.61	-1.36	-1.97	14.03	-0.91	-1.41	XX
2ZJJXU		14.06	-0.91	-1.32	13.98	-0.97	-1.49	TO
3EUVB8	X	16.01	1.04	1.50	17.96	3.02	4.64	TO
3F7GCV		15.20	0.23	0.33	15.10	0.16	0.24	TO
44MDFV		15.37	0.40	0.57	15.29	0.34	0.52	TO
74XY33		15.27	0.30	0.44	15.12	0.18	0.27	TO
8Q8PT3		14.07	-0.90	-1.31	14.57	-0.37	-0.58	GO
8TGFBJ		14.18	-0.79	-1.15	14.16	-0.79	-1.21	TO
8Z47WE		14.25	-0.72	-1.04	14.30	-0.64	-0.99	KA
AH9CUQ		14.53	-0.44	-0.64	14.70	-0.24	-0.38	TO
AH9JC7		15.67	0.70	1.02	15.60	0.65	1.01	TO
AL9VZJ		15.37	0.40	0.58	15.64	0.70	1.07	TO
AVE6NN		13.39	-1.58	-2.30	13.46	-1.49	-2.29	GO
AWQFKF		16.31	1.34	1.94	16.00	1.05	1.62	TO
AYT3UQ		14.57	-0.40	-0.58	14.70	-0.25	-0.38	TO
B4999K	*	14.70	-0.27	-0.39	16.00	1.06	1.63	TO
BVQQNW		14.30	-0.67	-0.98	14.36	-0.59	-0.91	XX
C4LJJP		15.07	0.10	0.14	14.96	0.02	0.02	GO
CCVFE3		15.68	0.71	1.03	14.97	0.03	0.04	TO
CMDRGK		14.40	-0.57	-0.83	14.87	-0.08	-0.12	TY
D3LGBJ		15.70	0.73	1.06	15.40	0.46	0.70	DY
D4Y6JX		15.35	0.38	0.55	15.65	0.71	1.09	DY
DMPDGT		15.02	0.05	0.07	15.51	0.56	0.86	TO
EQ49WQ		14.40	-0.57	-0.83	14.48	-0.47	-0.72	TO
G7T744		15.62	0.65	0.94	15.26	0.31	0.48	CE
GAV74Z		14.90	-0.07	-0.10	15.08	0.13	0.20	DY
GJFWKD		15.30	0.33	0.48	15.30	0.36	0.55	TO
GQEUJW		13.99	-0.98	-1.42	13.97	-0.97	-1.50	TO
GUZMMD		14.60	-0.37	-0.54	13.90	-1.04	-1.61	TO
HXT3KY	X	10.33	-4.64	-6.73	13.05	-1.89	-2.91	TO
J8FFYN		15.41	0.44	0.64	14.62	-0.33	-0.50	TO
JN248X	X	15.00	0.03	0.04	17.00	2.06	3.16	TO
JPWL9Z		14.63	-0.34	-0.49	13.82	-1.12	-1.73	DY
JTVZWP		14.99	0.02	0.02	14.82	-0.12	-0.19	TO

WebCode	Data Flag	Sample X35 Lab Mean	Sample X35 Diff from Grand Mean	Sample X35 CPV	Sample X36 Lab Mean	Sample X36 Diff from Grand Mean	Sample X36 CPV	Instr Code
JZJNJ8		15.75	0.78	1.12	15.81	0.86	1.33	TO
KFQ2LX		14.55	-0.42	-0.61	15.07	0.13	0.19	GO
KNKBY2		16.29	1.32	1.91	15.49	0.55	0.84	TO
LA2R4C		16.40	1.43	2.07	16.25	1.31	2.01	TO
LVFQWK		14.71	-0.26	-0.38	14.87	-0.08	-0.12	TO
LZNKZA		15.80	0.83	1.20	15.70	0.76	1.16	XX
ME7ZUF		15.31	0.34	0.50	15.13	0.18	0.28	TO
MT2GJD		13.93	-1.04	-1.51	14.24	-0.70	-1.08	TO
MTMMPB		13.50	-1.47	-2.13	13.40	-1.54	-2.38	GO
MZ6CRD		16.28	1.31	1.90	15.28	0.34	0.52	DY
N6K78B		14.45	-0.52	-0.75	14.10	-0.85	-1.30	CE
N74ANV	*	15.95	0.98	1.42	16.65	1.71	2.63	TO
N79RLU		16.20	1.23	1.78	15.20	0.26	0.39	TO
N8ZHHD		15.25	0.28	0.41	15.20	0.26	0.39	TO
NCXF9C		14.00	-0.97	-1.41	14.40	-0.54	-0.84	DY
NLL9MU		15.22	0.25	0.36	15.25	0.31	0.47	TO
P4VEJH	X	15.12	0.15	0.22	13.56	-1.39	-2.13	XX
PVNQVC		15.35	0.38	0.55	15.45	0.51	0.78	TO
Q3J9NT		15.11	0.14	0.21	15.07	0.12	0.19	TO
QGYR38		15.15	0.18	0.26	15.60	0.66	1.01	AT
QUBDTZ		15.19	0.22	0.32	15.18	0.24	0.36	TO
R7YZC2	X	5.88	-9.09	-13.18	6.08	-8.86	-13.63	DY
RDH798		14.08	-0.89	-1.28	14.76	-0.18	-0.28	DY
REQ2C4		15.00	0.03	0.04	15.45	0.51	0.78	DY
RTA3B3		15.30	0.33	0.48	15.50	0.55	0.85	TO
RWDXU7		14.28	-0.69	-1.01	14.71	-0.23	-0.36	DY
TKQ9HD		13.84	-1.13	-1.64	13.73	-1.21	-1.87	TM
TW82YZ		14.71	-0.26	-0.37	14.36	-0.59	-0.90	CE
TWNXQZ		15.45	0.48	0.70	15.51	0.57	0.87	TO
U4KCP7	X	19.16	4.19	6.08	16.98	2.04	3.13	TO
UABPQU	X	18.51	3.54	5.13	15.68	0.74	1.14	CS
ULLYG6		15.25	0.28	0.41	15.13	0.18	0.28	XX
V6R7U6		15.29	0.32	0.46	14.97	0.03	0.04	XX
VHECPK		15.50	0.53	0.77	15.85	0.91	1.39	TO
VRLX6Z	X	16.00	1.03	1.49	14.45	-0.49	-0.76	TO

WebCode	Data Flag	Sample X35 Lab Mean	Sample X35 Diff from Grand Mean	Sample X35 CPV	Sample X36 Lab Mean	Sample X36 Diff from Grand Mean	Sample X36 CPV	Instr Code
VZF7PQ		14.21	-0.76	-1.11	14.80	-0.14	-0.22	TO
WRWBW2		15.45	0.48	0.70	15.21	0.27	0.41	XX
WU2AE3		15.12	0.15	0.21	14.05	-0.89	-1.38	XX
WYZ772		15.60	0.63	0.91	14.85	-0.09	-0.14	DY
X9HWDL		14.55	-0.42	-0.62	14.85	-0.09	-0.14	XX
XBCTUT		14.91	-0.06	-0.09	15.57	0.63	0.96	TO
XHVYQZ		15.30	0.33	0.48	15.35	0.41	0.62	TO
Y2KW7W	X	19.00	4.03	5.84	19.45	4.51	6.93	TO
Y47ZWV		14.40	-0.57	-0.83	14.35	-0.59	-0.91	TO
YAEZAU	X	16.00	1.03	1.49	12.81	-2.13	-3.28	KA
YGMNVE		15.50	0.53	0.77	15.00	0.06	0.09	DA
YHKYT3		15.07	0.10	0.14	14.50	-0.45	-0.69	TO
ZA7ARA		14.75	-0.22	-0.32	14.80	-0.14	-0.22	TO
ZGP6HW		14.79	-0.18	-0.27	14.77	-0.17	-0.27	TO
ZUAKKW		15.15	0.18	0.26	14.90	-0.04	-0.07	TO

Summary Statistics

	Sample X35	Sample X36
Grand Means	14.970 grams/10 mins	14.944 grams/10 mins
Stnd Dev Btwn Labs	0.690 grams/10 mins	0.650 grams/10 mins

Statistics based on 74 of 85 reporting participants

Sample X35: PP & Sample X36: PP

Comments on Assigned Data Flags for Test #750

U4KCP7 (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

Y2KW7W (X) - Data for both samples are high. Possible Systematic Error.

VRLX6Z (X) - Inconsistent in testing between samples.

2JATVP (X) - Data for both samples are low. Possible Systematic Error.

YAEZAU (X) - Data for sample X36 are low. Inconsistent within the determinations of sample X35.

R7YZC2 (X) - Data for both samples are low. Possible Systematic Error.

UABPQU (X) - Data for sample X35 are high.

JN248X (X) - Data for sample X36 are high. Inconsistent within the determinations of both samples.

HXT3KY (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample X35.

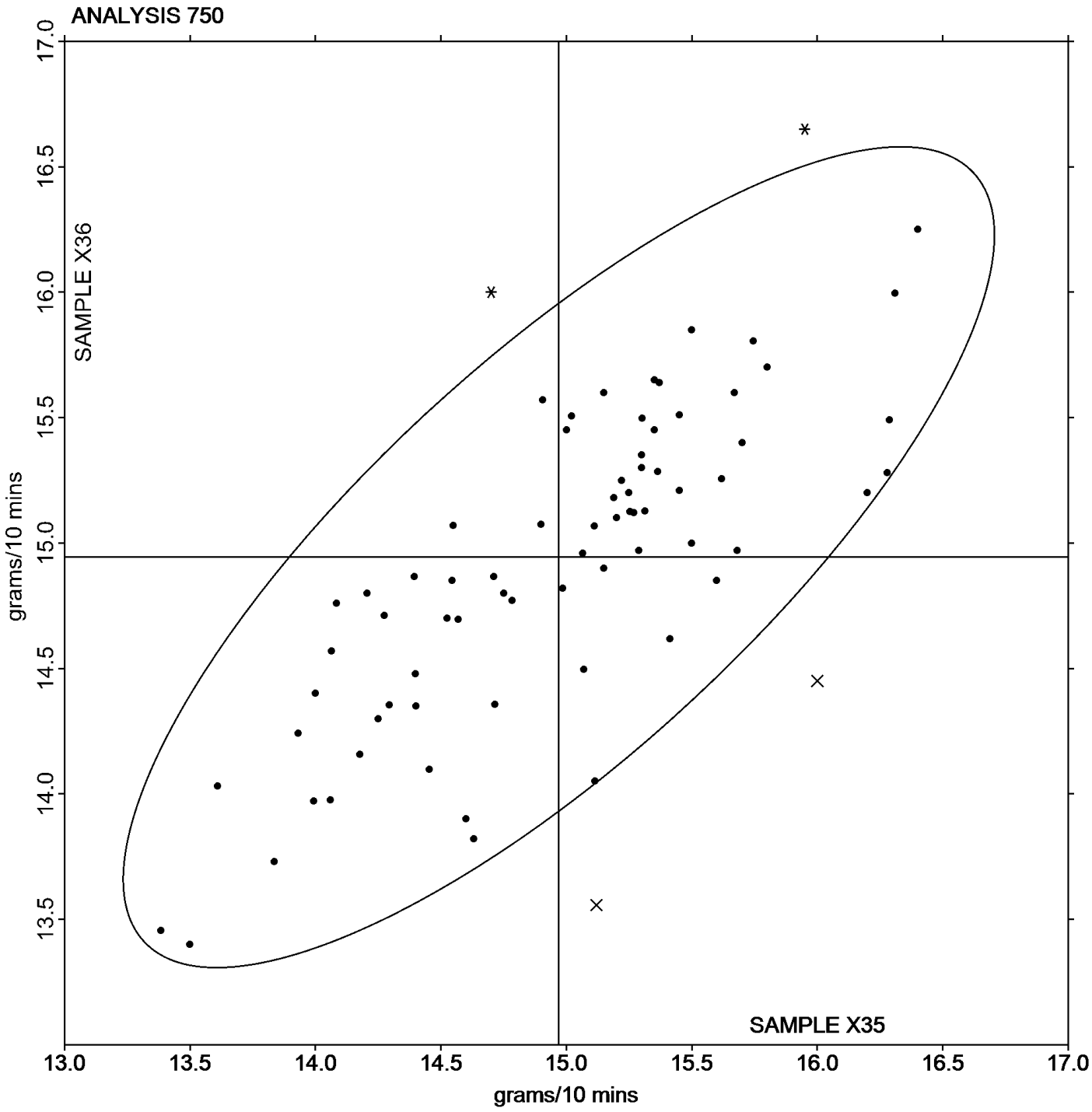
3EUVB8 (X) - Data for sample X36 are high.

P4VEJH (X) - Inconsistent in testing between samples.

Key to Instrument Codes Reported by Participants

AT	Atlas	CE	Ceast
CS	CSI	DA	Davenport
DY	Dynisco	GO	Gottfert
KA	Kayeness	TM	TMI
TO	Tinius Olsen	TY	Toyoseiki Seisakusho
XX	Instrument manufacturer not specified by lab		

Grand Mean Sample X35: 14.970 grams/10 mins Grand Mean Sample X36: 14.944 grams/10 mins



WebCode	Data Flag	Sample Y35 Lab Mean	Sample Y35 Diff from Grand Mean	Sample Y35 CPV	Sample Y36 Lab Mean	Sample Y36 Diff from Grand Mean	Sample Y36 CPV	Instr Code
2JATVP		0.09100	-0.00510	-0.27	0.08500	-0.01296	-0.68	MK
3AD2JU		0.06560	-0.03050	-1.60	0.06297	-0.03498	-1.84	MU
44MDFV		0.05133	-0.04476	-2.35	0.05267	-0.04529	-2.38	CT
4PBNRV		0.09033	-0.00576	-0.30	0.08833	-0.00962	-0.51	PA
4PQYF2		0.09000	-0.00610	-0.32	0.09000	-0.00796	-0.42	ML
69WQXU		0.08803	-0.00806	-0.42	0.08953	-0.00842	-0.44	ML
6T8NE6		0.09600	-0.00010	-0.01	0.09633	-0.00162	-0.09	ML
9G36ET		0.09667	0.00057	0.03	0.09300	-0.00496	-0.26	MJ
AH9JC7		0.13867	0.04257	2.24	0.13533	0.03738	1.96	SB
B4999K		0.09080	-0.00530	-0.28	0.08705	-0.01091	-0.57	ML
BX3EEN		0.09500	-0.00110	-0.06	0.09567	-0.00229	-0.12	MI
CDDFNK		0.09400	-0.00210	-0.11	0.09900	0.00104	0.05	MK
GJFWKD		0.10552	0.00942	0.49	0.10681	0.00885	0.46	CT
GUZMMD	*	0.14633	0.05024	2.64	0.14933	0.05138	2.70	MU
HXT3KY	X	0.17633	0.08024	4.22	0.10733	0.00938	0.49	MU
J78CED		0.08568	-0.01041	-0.55	0.09045	-0.00751	-0.39	CS
K4B89J	*	0.10000	0.00390	0.21	0.11700	0.01904	1.00	SB
LVFQWK		0.10400	0.00790	0.42	0.11300	0.01504	0.79	MB
MT2GJD	X	0.07693	-0.01916	-1.01	0.10377	0.00581	0.30	CT
NCXF9C		0.11237	0.01627	0.85	0.11250	0.01454	0.76	MR
Q3J9NT		0.09647	0.00037	0.02	0.09757	-0.00039	-0.02	AQ
QKYBFM		0.09360	-0.00250	-0.13	0.09443	-0.00352	-0.18	MK
R7YZC2		0.12040	0.02430	1.28	0.12317	0.02521	1.32	AZ
RC4V4M		0.08620	-0.00990	-0.52	0.10050	0.00254	0.13	MU
REQ2C4		0.09833	0.00224	0.12	0.09567	-0.00229	-0.12	AZ
RTA3B3		0.08400	-0.01210	-0.64	0.08490	-0.01306	-0.69	XX
RWDXU7	*	0.06300	-0.03310	-1.74	0.07900	-0.01896	-0.99	MB
TW82YZ		0.09747	0.00137	0.07	0.10227	0.00431	0.23	MK
U4J2PA		0.08747	-0.00863	-0.45	0.09553	-0.00242	-0.13	MK
U4KCP7		0.06973	-0.02636	-1.39	0.06853	-0.02942	-1.54	AZ
UNTHE2		0.09733	0.00124	0.06	0.09900	0.00104	0.05	MJ
X9HWDL		0.09500	-0.00110	-0.06	0.09400	-0.00396	-0.21	CT
Y2KW7W		0.11733	0.02124	1.12	0.11167	0.01371	0.72	MU
YHKYT3		0.12333	0.02724	1.43	0.12667	0.02871	1.51	MU
ZGP6HW		0.09430	-0.00180	-0.09	0.09067	-0.00729	-0.38	MR

WebCode	Data Flag	Sample Y35 Lab Mean	Sample Y35 Diff from Grand Mean	Sample Y35 CPV	Sample Y36 Lab Mean	Sample Y36 Diff from Grand Mean	Sample Y36 CPV	Instr Code
ZUAKKW		0.10200	0.00590	0.31	0.10300	0.00504	0.26	AZ

Summary Statistics

	Sample Y35	Sample Y36
Grand Means	0.096097 Percent	0.097957 Percent
Stnd Dev Btwn Labs	0.019031 Percent	0.019054 Percent

Statistics based on 34 of 36 reporting participants

Sample Y35: ABS/PC & Sample Y36: ABS/PC

Comments on Assigned Data Flags for Test #755

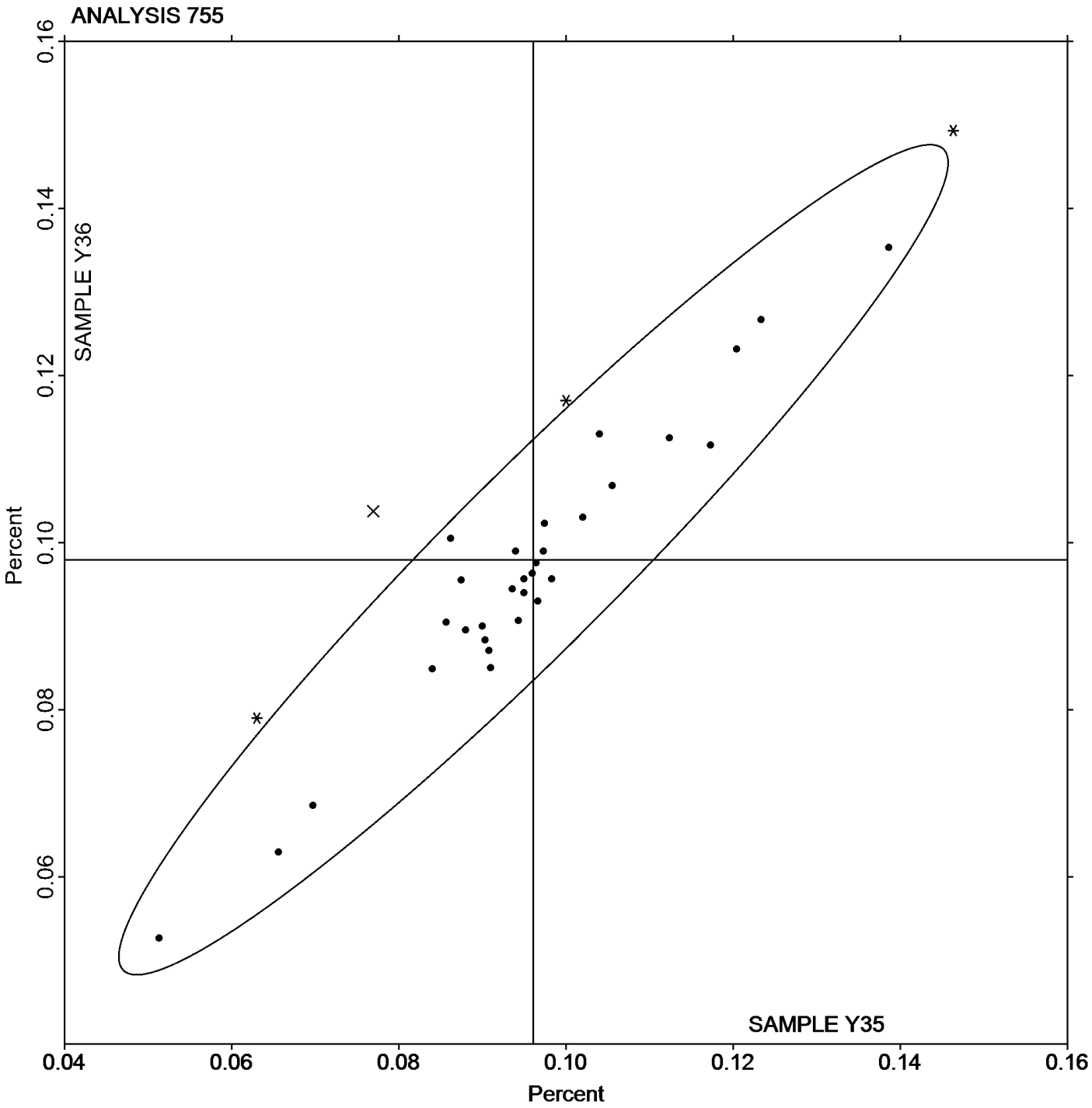
HXT3KY (X) - Data for sample Y35 are high. Inconsistent within the determinations of sample Y35.

MT2GJD (X) - Inconsistent in testing between samples.

Key to Instrument Codes Reported by Participants

AQ	Aquastar	AZ	Arizona Instruments Moisture Analyzer
CS	Cosa Instruments	CT	Computrac Moisture Analyzer
MB	Omnimark Mark 3	MI	Mitsubishi MCI Series
MJ	Mitsubishi KF Analyzer Series	MK	Mitsubishi KF Analyzer CA
ML	Metrohm Coulometer	MR	Metrohm Coulineter 756 KF
MU	Mettler Toledo	PA	Photovolt Aquatest
SB	Sartorius Mark 3	XX	Instrument manufacturer not specified by lab

Grand Mean Sample Y35: 0.09610 Percent Grand Mean Sample Y36: 0.09796 Percent



WebCode	Data Flag	Sample L35 Lab Mean	Sample L35 Diff from Grand Mean	Sample L35 CPV	Sample L36 Lab Mean	Sample L36 Diff from Grand Mean	Sample L36 CPV
2D4A6C		19.775	0.025	0.46	19.825	0.066	1.27
2JATVP	X	19.735	-0.015	-0.28	19.340	-0.419	-8.03
2U7RFG		19.775	0.025	0.46	19.805	0.046	0.88
44MDFV		19.685	-0.065	-1.19	19.695	-0.064	-1.22
6VQX4W		19.620	-0.130	-2.38	19.665	-0.094	-1.80
74XY33		19.760	0.010	0.18	19.765	0.006	0.12
8Q8PT3		19.790	0.039	0.72	19.784	0.025	0.48
8TGFBJ		19.718	-0.033	-0.60	19.702	-0.057	-1.10
8Z47WE		19.735	-0.015	-0.28	19.725	-0.034	-0.65
9XNHG7		19.740	-0.010	-0.18	19.765	0.006	0.12
AAWKHU		19.760	0.009	0.17	19.755	-0.004	-0.09
AH9JC7		19.779	0.029	0.53	19.801	0.042	0.80
AWQFKF		19.785	0.035	0.64	19.780	0.021	0.40
B4999K		19.795	0.045	0.82	19.810	0.051	0.98
C4LJJP		19.795	0.045	0.82	19.770	0.011	0.21
CCVFE3	X	19.350	-0.400	-7.34	19.500	-0.259	-4.96
CDDFNK		19.810	0.060	1.10	19.710	-0.049	-0.94
CJDFKK	X	19.560	-0.190	-3.48	19.570	-0.189	-3.62
D4Y6JX	*	19.665	-0.085	-1.56	19.790	0.031	0.60
DDLT3J		19.835	0.085	1.56	19.830	0.071	1.36
ERZQYR		19.738	-0.013	-0.23	19.768	0.009	0.16
FYEUJY		19.785	0.035	0.64	19.765	0.006	0.12
GUZMMD		19.800	0.050	0.92	19.820	0.061	1.17
JPWL9Z		19.775	0.025	0.46	19.755	-0.004	-0.08
JRAZ7A		19.760	0.010	0.18	19.800	0.041	0.79
JTVZWP		19.680	-0.070	-1.28	19.745	-0.014	-0.27
K66XEX		19.735	-0.015	-0.28	19.685	-0.074	-1.42
K8WZCY		19.755	0.005	0.09	19.775	0.016	0.31
KNKBY2		19.744	-0.007	-0.12	19.726	-0.033	-0.63
LHP6YH		19.700	-0.050	-0.92	19.800	0.041	0.79
LVFQWK		19.800	0.050	0.92	19.780	0.021	0.40
MT2GJD		19.855	0.105	1.93	19.850	0.091	1.74
MZ6CRD		19.735	-0.015	-0.28	19.795	0.036	0.69
N74ANV		19.805	0.055	1.01	19.800	0.041	0.79
N8ZHHD		19.680	-0.070	-1.28	19.705	-0.054	-1.03

WebCode	Data Flag	Sample L35 Lab Mean	Sample L35 Diff from Grand Mean	Sample L35 CPV	Sample L36 Lab Mean	Sample L36 Diff from Grand Mean	Sample L36 CPV
NCXF9C		19.740	-0.010	-0.18	19.755	-0.004	-0.08
NLL9MU		19.790	0.040	0.73	19.795	0.036	0.69
PVNQVC		19.785	0.035	0.64	19.785	0.026	0.50
QKJJDA		19.800	0.049	0.91	19.754	-0.005	-0.09
RDH798		19.845	0.095	1.74	19.800	0.041	0.79
REQ2C4		19.725	-0.025	-0.46	19.755	-0.004	-0.08
RTA3B3		19.745	-0.005	-0.09	19.850	0.091	1.74
RWDXU7		19.755	0.005	0.09	19.695	-0.064	-1.22
TW82YZ		19.745	-0.005	-0.09	19.780	0.021	0.40
TWNXQZ	*	19.610	-0.141	-2.58	19.648	-0.111	-2.13
U2HEFY		19.774	0.024	0.45	19.770	0.011	0.21
U4KCP7		19.700	-0.050	-0.92	19.645	-0.114	-2.18
ULLYG6		19.698	-0.053	-0.96	19.651	-0.108	-2.08
VHECPK		19.755	0.005	0.09	19.835	0.076	1.46
WU2AE3		19.640	-0.110	-2.02	19.715	-0.044	-0.84
X9HWDL		19.775	0.025	0.46	19.720	-0.039	-0.75
XAFDGV		19.777	0.027	0.49	19.789	0.030	0.57
Y2KW7W		19.775	0.025	0.46	19.790	0.031	0.60
YHKYT3		19.796	0.046	0.85	19.723	-0.036	-0.69
ZA7ARA	X	19.760	0.010	0.18	19.450	-0.309	-5.92
ZGP6HW		19.635	-0.115	-2.11	19.665	-0.094	-1.80
ZUAKKW		19.721	-0.029	-0.54	19.761	0.002	0.03

Summary Statistics

	Sample L35	Sample L36
Grand Means	19.7500 Percent	19.7589 Percent
Stnd Dev Btwn Labs	0.0545 Percent	0.0522 Percent

Statistics based on 53 of 57 reporting participants

Sample L35: PP & Sample L36: PP

Comments on Assigned Data Flags for Test #757

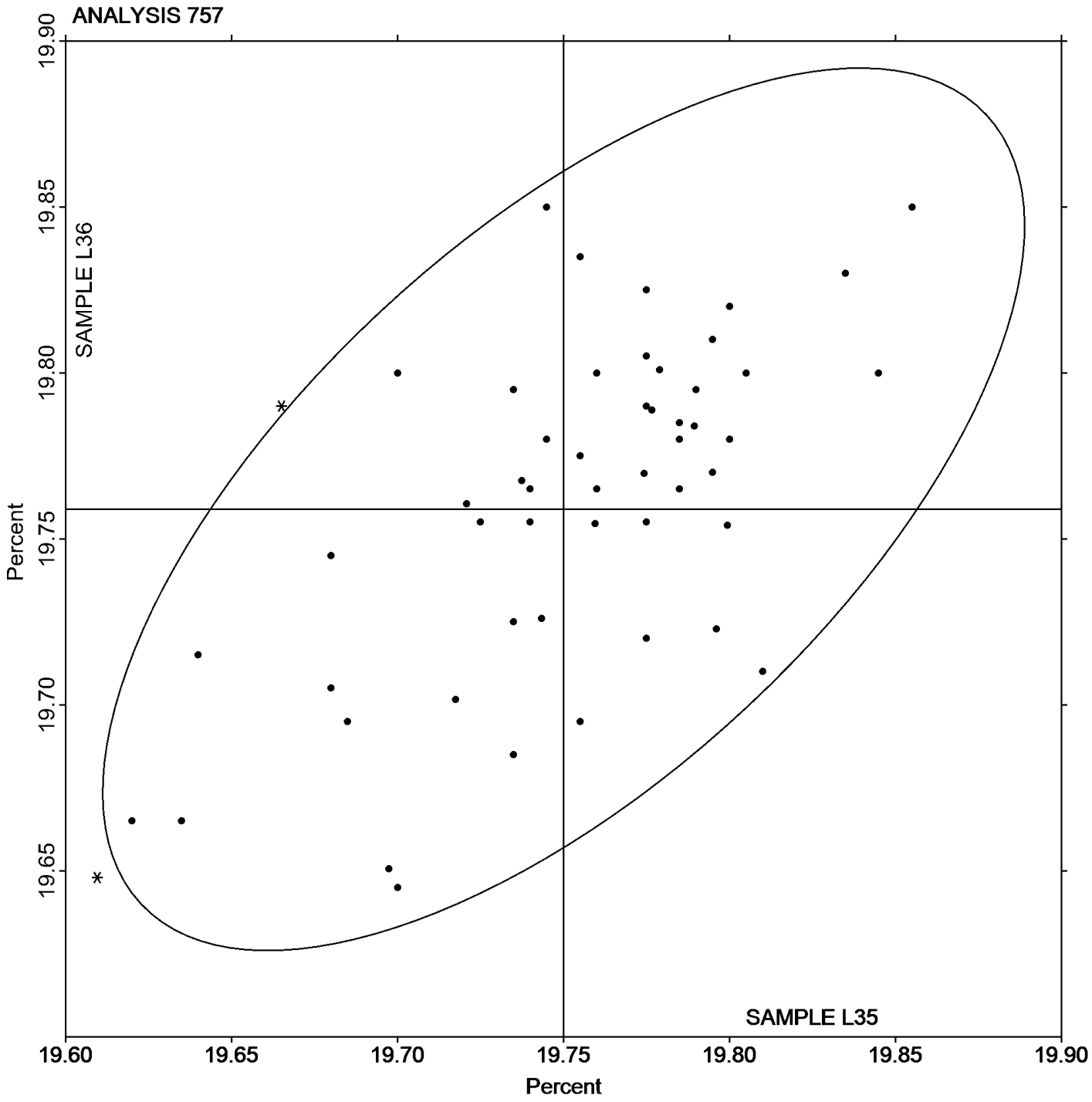
2JATVP (X) - Data for sample L36 are low. Inconsistent within the determinations of sample L35.

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

CCVFE3 (X) - Data for both samples are low. Inconsistent within the determinations of both samples.

ZA7ARA (X) - Data for sample L36 are low. Inconsistent within the determinations of sample L36.

Grand Mean Sample L35: 19.750 Percent Grand Mean Sample L36: 19.759 Percent



WebCode	Data Flag	Sample W35 Lab Mean	Sample W35 Diff from Grand Mean	Sample W35 CPV	Sample W36 Lab Mean	Sample W36 Diff from Grand Mean	Sample W36 CPV	Instr Code
8TGFBJ		107.30667	-2.19833	-0.72	108.75000	-0.69333	-0.22	TA
98XVQM		110.11333	0.60833	0.20	109.97000	0.52667	0.17	TA
AH9JC7		107.80000	-1.70500	-0.55	107.56667	-1.87667	-0.59	PE
AVE6NN		109.03333	-0.47167	-0.15	109.40000	-0.04333	-0.01	TA
C4LJJP		108.40000	-1.10500	-0.36	109.20000	-0.24333	-0.08	TA
CDDFNK		106.30000	-3.20500	-1.04	105.86667	-3.57667	-1.12	TA
GJFWKD		113.57333	4.06833	1.32	113.68333	4.24000	1.33	TA
HXT3KY		105.19333	-4.31167	-1.40	106.49000	-2.95333	-0.93	MT
N6K78B		107.80000	-1.70500	-0.55	107.90000	-1.54333	-0.48	PE
P4VEJH		112.37000	2.86500	0.93	112.50333	3.06000	0.96	TA
QGYR38		109.40000	-0.10500	-0.03	107.76667	-1.67667	-0.53	MT
RJZP48		111.91333	2.40833	0.78	111.13000	1.68667	0.53	TA
ULLYG6		109.04667	-0.45833	-0.15	107.14000	-2.30333	-0.72	TA
WU2AE3		109.92000	0.41500	0.14	110.10333	0.66000	0.21	TA
XAFDGV		117.31333	7.80833	2.54	117.89667	8.45333	2.65	TA
Y6YJP4		106.59667	-2.90833	-0.95	105.72667	-3.71667	-1.17	TA

Summary Statistics

	Sample W35	Sample W36
Grand Means	109.505000 Degrees Celsius	109.443333 Degrees Celsius
Stnd Dev Btwn Labs	3.073589 Degrees Celsius	3.185889 Degrees Celsius

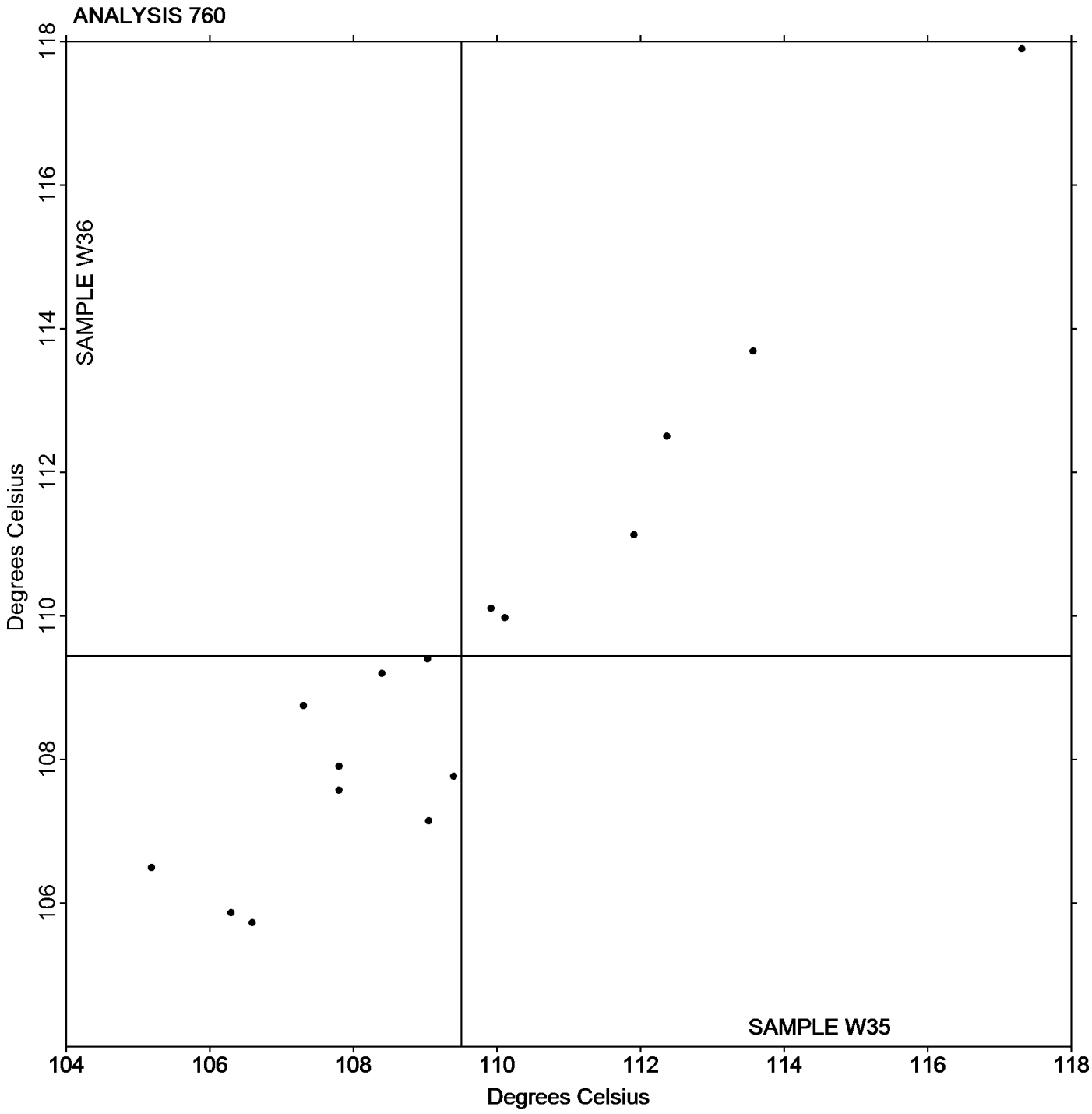
Statistics based on 16 of 16 reporting participants

Sample W35: PP & Sample W36: PP

Key to Instrument Codes Reported by Participants

MT Mettler Toledo Instruments
PE Perkins Elmer Instruments
TA TA Instruments

Grand Mean Sample W35: 109.51 Degrees Celsius Grand Mean Sample W36: 109.44 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 W35 Lab Mean	Sample W35 Diff from Grand Mean	Sample W35 CPV	Sample W36 Lab Mean	Sample W36 Diff from Grand Mean	Sample W36 CPV	Instr Code
8TGFBJ		156.52667	-10.05593	-2.32	157.16000	-9.42296	-2.28	TA
98XVQM		175.74333	9.16074	2.11	175.08667	8.50370	2.05	TA
AH9JC7		164.93333	-1.64926	-0.38	165.20000	-1.38296	-0.33	PE
AVE6NN		158.13333	-8.44926	-1.95	158.23333	-8.34963	-2.02	TA
C4LJJP		167.63333	1.05074	0.24	166.50000	-0.08296	-0.02	TA
CDDFNK		169.53333	2.95074	0.68	169.50000	2.91704	0.70	TA
GJFWKD		165.49667	-1.08593	-0.25	165.79667	-0.78630	-0.19	TA
HXT3KY		171.99667	5.41407	1.25	170.22333	3.64037	0.88	MT
N6K78B		165.50000	-1.08259	-0.25	165.73333	-0.84963	-0.21	PE
P4VEJH		166.23667	-0.34593	-0.08	166.11333	-0.46963	-0.11	TA
QGYR38		167.23333	0.65074	0.15	168.60000	2.01704	0.49	MT
RDH798		167.43333	0.85074	0.20	167.50000	0.91704	0.22	TA
RJZP48		169.27000	2.68741	0.62	169.62333	3.04037	0.73	TA
U4J2PA		168.74333	2.16074	0.50	167.78667	1.20370	0.29	MT
ULLYG6		167.03000	0.44741	0.10	169.05667	2.47370	0.60	XX
WU2AE3		165.37333	-1.20926	-0.28	164.56333	-2.01963	-0.49	XX
XAFDGV		164.69000	-1.89259	-0.44	163.85333	-2.72963	-0.66	TA
Y6YJP4		166.98000	0.39741	0.09	167.96333	1.38037	0.33	TA

Summary Statistics

	Sample W35	Sample W36
Grand Means	166.582593 Degrees Celsius	166.582963 Degrees Celsius
Stnd Dev Btwn Labs	4.333083 Degrees Celsius	4.138909 Degrees Celsius

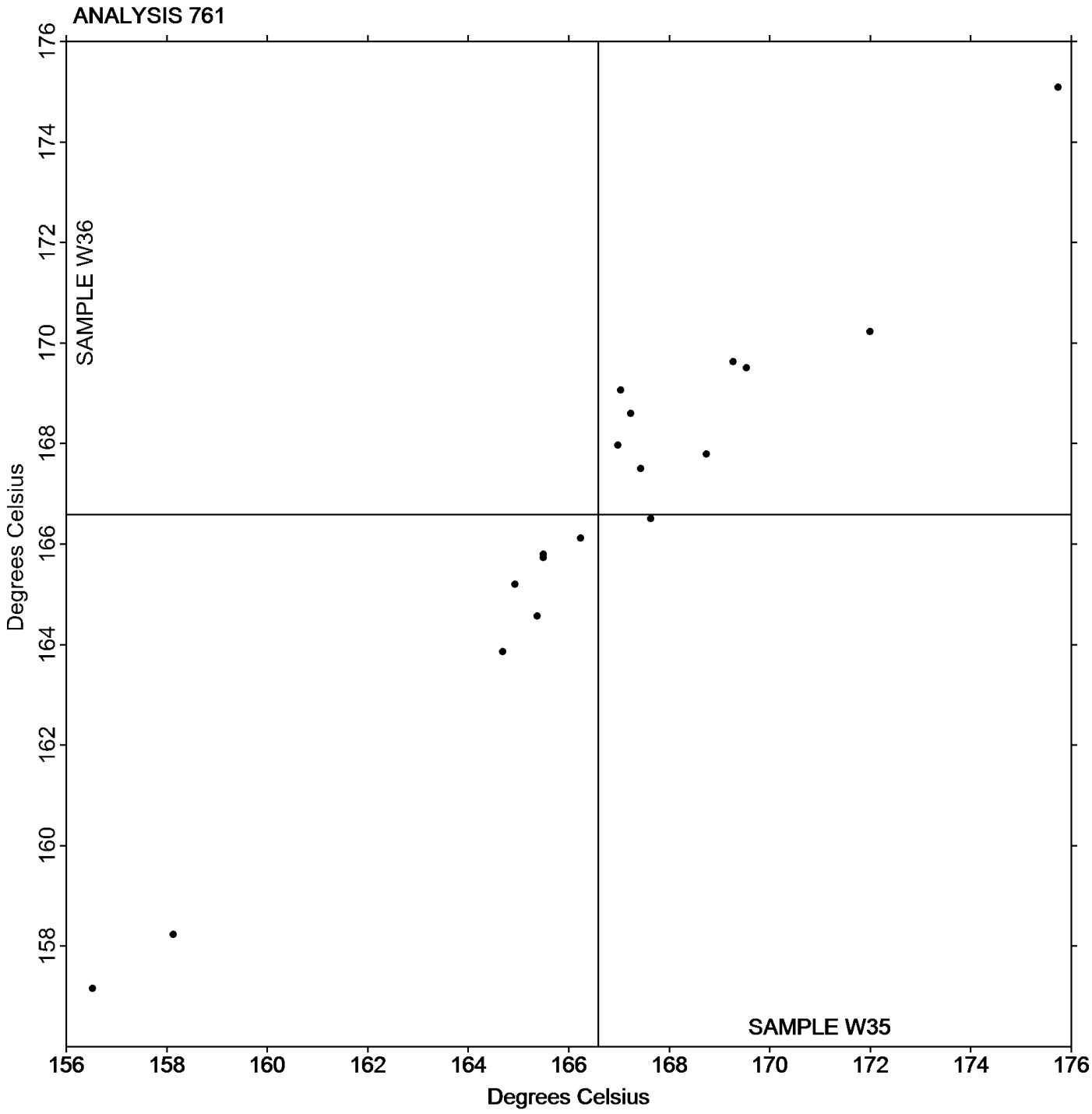
Statistics based on 18 of 18 reporting participants

Sample W35: PP & Sample W36: 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 W35: 166.58 Degrees Celsius Grand Mean Sample W36: 166.58 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 W35 Lab Mean	Sample W35 Diff from Grand Mean	Sample W35 CPV	Sample W36 Lab Mean	Sample W36 Diff from Grand Mean	Sample W36 CPV	Instr Code
8TGFBJ		68.15000	-1.25861	-0.27	70.22667	-0.84889	-0.18	TA
98XVQM		73.78000	4.37139	0.93	72.66000	1.58444	0.33	TA
AH9JC7		69.07000	-0.33861	-0.07	69.21333	-1.86222	-0.39	PE
AVE6NN		65.10000	-4.30861	-0.92	69.90000	-1.17556	-0.24	TA
C4LJJP		73.06000	3.65139	0.78	75.04333	3.96778	0.83	TA
CDDFNK		69.01667	-0.39194	-0.08	69.29333	-1.78222	-0.37	TA
GJFWKD		71.97000	2.56139	0.55	72.88667	1.81111	0.38	TA
N6K78B		74.60667	5.19806	1.11	75.26000	4.18444	0.87	PE
P4VEJH		73.36000	3.95139	0.84	75.96667	4.89111	1.02	TA
QGYR38		62.41000	-6.99861	-1.49	73.52000	2.44444	0.51	MT
RJZP48		60.23000	-9.17861	-1.95	57.80333	-13.27222	-2.76	TA
XAFDGV	X	9.63667	-59.77194	-12.72	9.58067	-61.49489	-12.80	TA
Y6YJP4		72.15000	2.74139	0.58	71.13333	0.05778	0.01	TA

Summary Statistics

	Sample W35	Sample W36
Grand Means	69.408611 Joules Per Gram	71.075556 Joules Per Gram
Stnd Dev Btwn Labs	4.698112 Joules Per Gram	4.803821 Joules Per Gram

Statistics based on 12 of 13 reporting participants

Sample W35: PP & Sample W36: PP

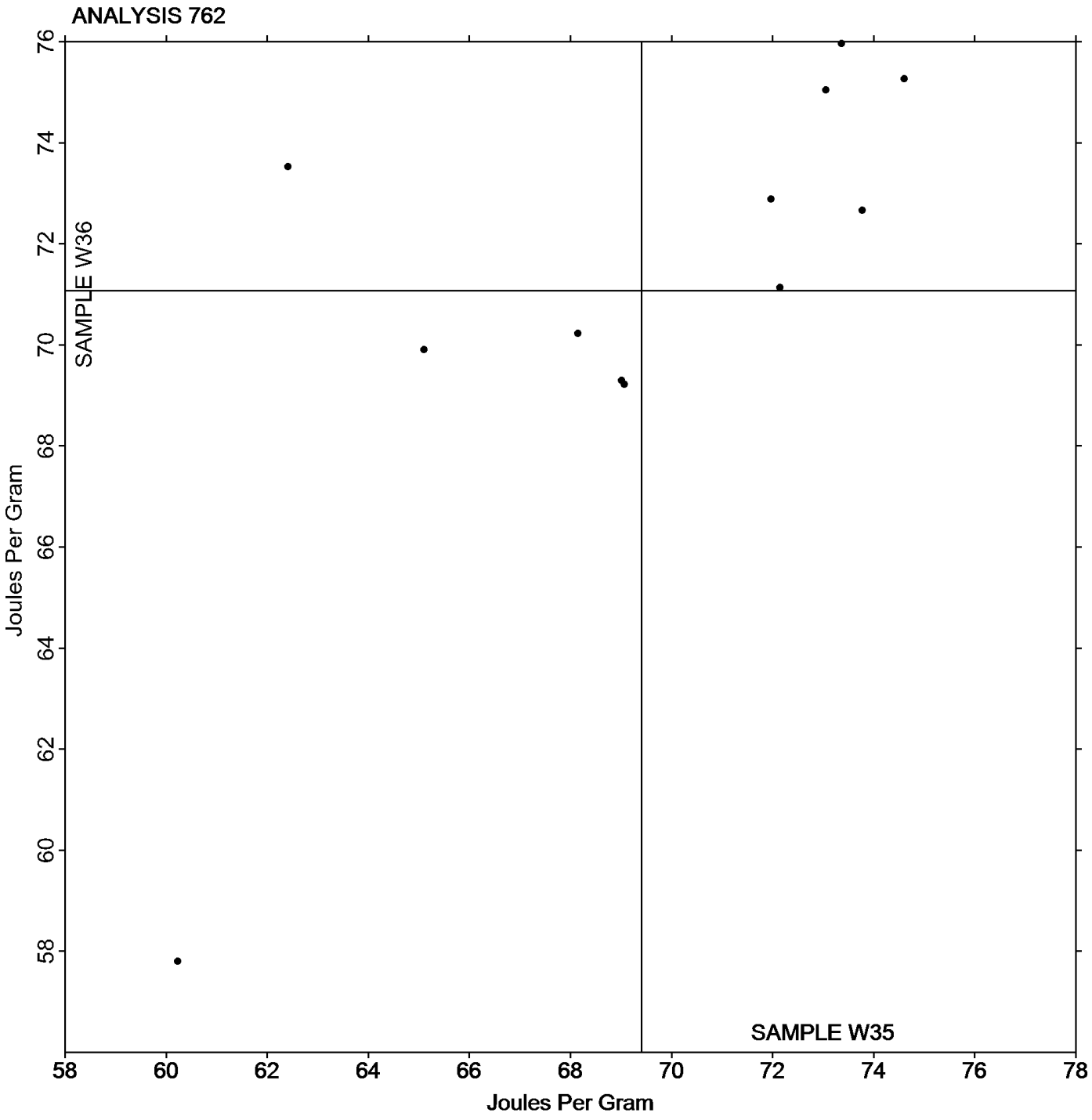
Comments on Assigned Data Flags for Test #762

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

Key to Instrument Codes Reported by Participants

MT Mettler Toledo Instruments
PE Perkins Elmer Instruments
TA TA Instruments

Grand Mean Sample W35: 69.409 Joules Per Gram Grand Mean Sample W36: 71.076 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 W35 Lab Mean	Sample W35 Diff from Grand Mean	Sample W35 CPV	Sample W36 Lab Mean	Sample W36 Diff from Grand Mean	Sample W36 CPV	Instr Code
8TGFBJ		58.24333	-1.61077	-0.09	62.74667	0.73513	0.04	TA
98XVQM		51.37000	-8.48410	-0.50	50.40333	-11.60821	-0.64	TA
AH9JC7		59.79667	-0.05744	0.00	56.87333	-5.13821	-0.28	PE
AVE6NN		62.83333	2.97923	0.18	67.00000	4.98846	0.28	TA
C4LJJP		78.01000	18.15590	1.07	80.45667	18.44513	1.02	TA
CDDFNK		56.12333	-3.73077	-0.22	60.07667	-1.93487	-0.11	TA
GJFWKD		68.65667	8.80256	0.52	71.14333	9.13179	0.51	TA
N6K78B		77.01333	17.15923	1.01	78.09000	16.07846	0.89	PE
P4VEJH		73.67667	13.82256	0.81	76.23000	14.21846	0.79	TA
QGYR38		62.30000	2.44590	0.14	74.37667	12.36513	0.69	MT
RJZP48		53.45333	-6.40077	-0.38	54.20667	-7.80487	-0.43	TA
XAFDGV		10.95667	-48.89744	-2.88	10.86333	-51.14821	-2.83	TA
Y6YJP4		65.67000	5.81590	0.34	63.68333	1.67179	0.09	TA

Summary Statistics

	Sample W35	Sample W36
Grand Means	59.854103 Joules Per Gram	62.011538 Joules Per Gram
Stnd Dev Btwn Labs	16.984632 Joules Per Gram	18.044761 Joules Per Gram

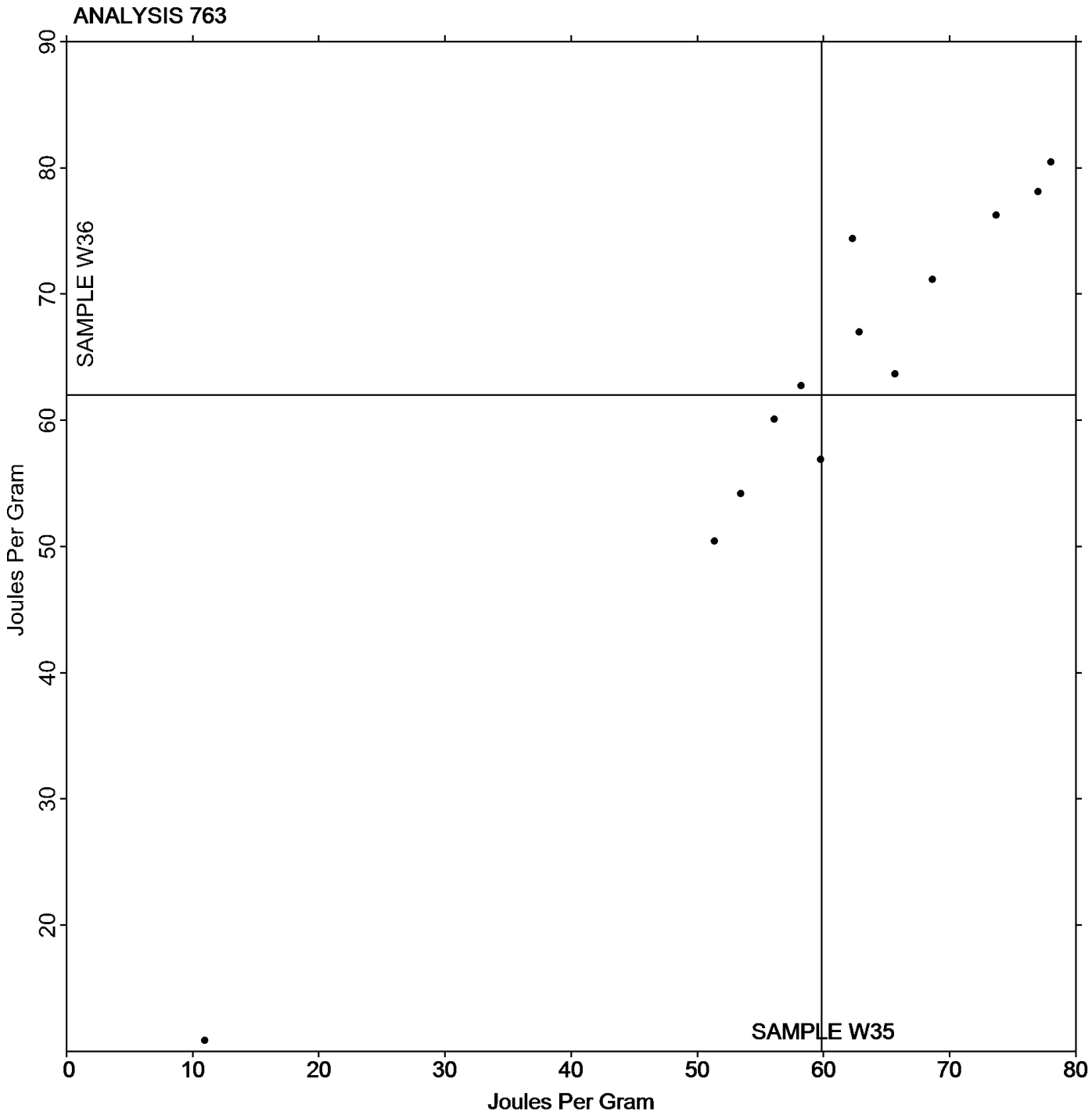
Statistics based on 13 of 13 reporting participants

Sample W35: PP & Sample W36: PP

Key to Instrument Codes Reported by Participants

MT Mettler Toledo Instruments
PE Perkins Elmer Instruments
TA TA Instruments

Grand Mean Sample W35: 59.854 Joules Per Gram Grand Mean Sample W36: 62.012 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 V35 Lab Mean	Sample V35 Diff from Grand Mean	Sample V35 CPV	Sample V36 Lab Mean	Sample V36 Diff from Grand Mean	Sample V36 CPV	Instr Code
8TGFBJ		87.59333	0.61359	0.41	87.64333	0.64769	0.45	TA
98XVQM		83.98667	-2.99308	-2.00	84.56000	-2.43564	-1.70	TA
AH9JC7		86.96667	-0.01308	-0.01	87.26667	0.27103	0.19	XX
AVE6NN		87.50000	0.52026	0.35	88.10000	1.10436	0.77	TA
C4LJJP		85.46667	-1.51308	-1.01	85.13333	-1.86231	-1.30	TA
CDDFNK		88.30000	1.32026	0.88	87.76667	0.77103	0.54	TA
GJFWKD		86.61000	-0.36974	-0.25	86.65333	-0.34231	-0.24	TA
HXT3KY		86.92000	-0.05974	-0.04	86.81000	-0.18564	-0.13	MT
N6K78B		87.30000	0.32026	0.21	87.63333	0.63769	0.45	PE
P4VEJH		86.43333	-0.54641	-0.37	85.97667	-1.01897	-0.71	TA
QGYR38		85.56667	-1.41308	-0.95	85.53333	-1.46231	-1.02	MT
RJZP48		90.06000	3.08026	2.06	89.81000	2.81436	1.97	TA
Y6YJP4		88.03333	1.05359	0.71	88.05667	1.06103	0.74	TA

Summary Statistics

	Sample V35	Sample V36
Grand Means	86.979744 Degrees Celsius	86.995641 Degrees Celsius
Stnd Dev Btwn Labs	1.493724 Degrees Celsius	1.428546 Degrees Celsius

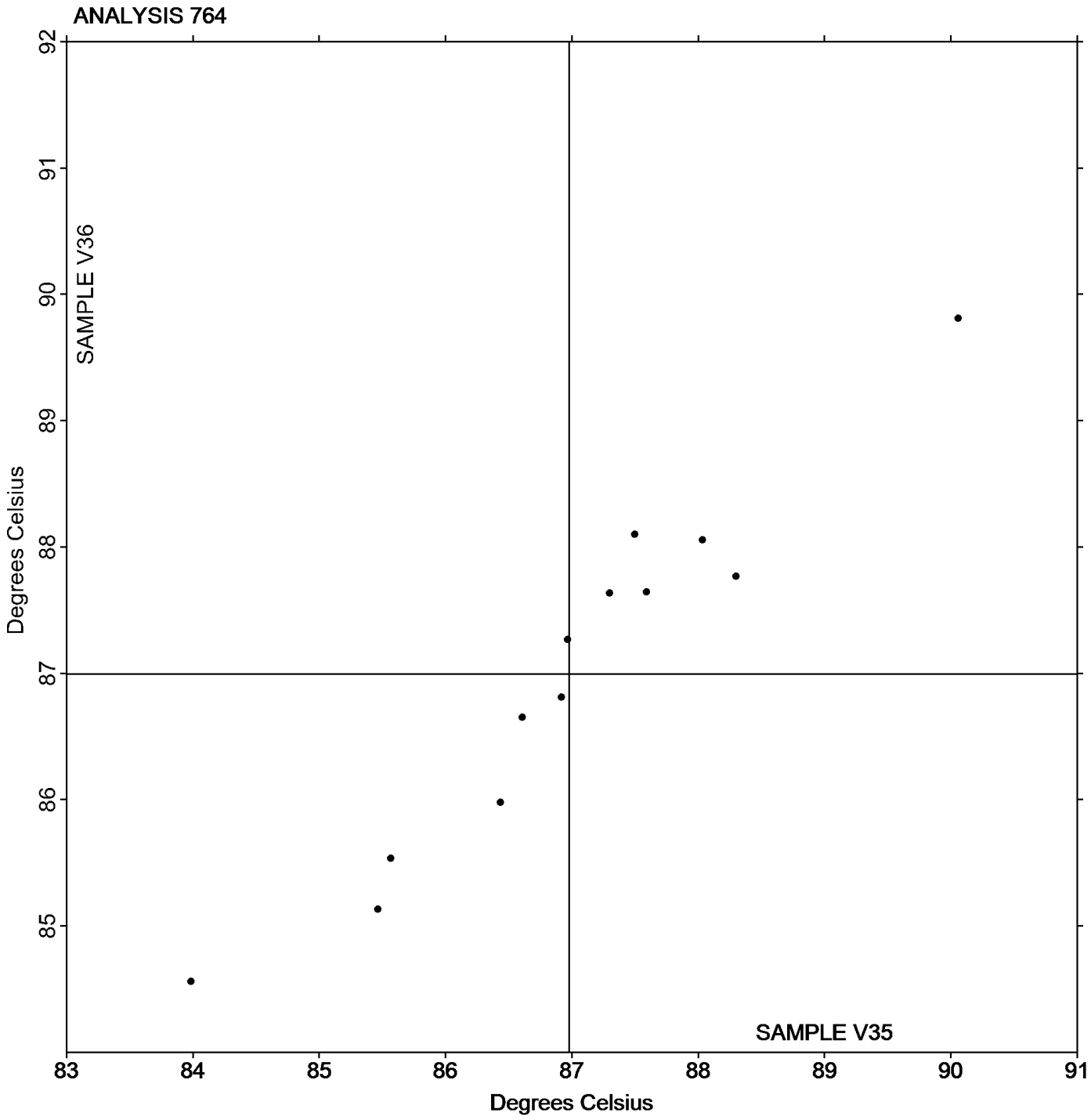
Statistics based on 13 of 13 reporting participants

Sample V35: PET & Sample V36: 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 V35: 86.980 Degrees Celsius Grand Mean Sample V36: 86.996 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 B35 Lab Mean	Sample B35 Diff from Grand Mean	Sample B35 CPV	Sample B36 Lab Mean	Sample B36 Diff from Grand Mean	Sample B36 CPV	Instr Code
2ZJJXU		2,773	225	0.33	2,807	270	0.39	IN
39NZR8		3,431	883	1.28	3,390	853	1.24	IN
4WXEEP		1,615	-933	-1.35	1,594	-943	-1.37	IN
8Q8PT3		1,809	-739	-1.07	1,737	-800	-1.16	WZ
8U7ZN2		3,137	589	0.85	3,052	515	0.75	XX
B4999K		2,670	122	0.18	2,762	224	0.33	IN
DAHZ9L		2,985	438	0.63	2,925	388	0.56	TH
F46WBH		1,933	-614	-0.89	1,945	-592	-0.86	IN
G7T744		1,661	-887	-1.29	1,601	-936	-1.36	IN
GHLJA2		1,829	-718	-1.04	1,831	-706	-1.03	MT
GXF98J		2,949	401	0.58	3,047	510	0.74	SH
JJAWNP		2,807	259	0.38	2,713	176	0.26	XX
KXKYMP		3,501	953	1.38	3,473	936	1.36	IN
PK24BA		1,643	-905	-1.31	1,689	-849	-1.23	MT
Q26UQJ		3,380	833	1.21	3,352	815	1.18	IN
VHECPK		2,642	94	0.14	2,676	139	0.20	IN

Summary Statistics

	Sample B35	Sample B36
Grand Means	2,547.8 psi	2,537.1 psi
Stnd Dev Btwn Labs	689.8 psi	687.6 psi

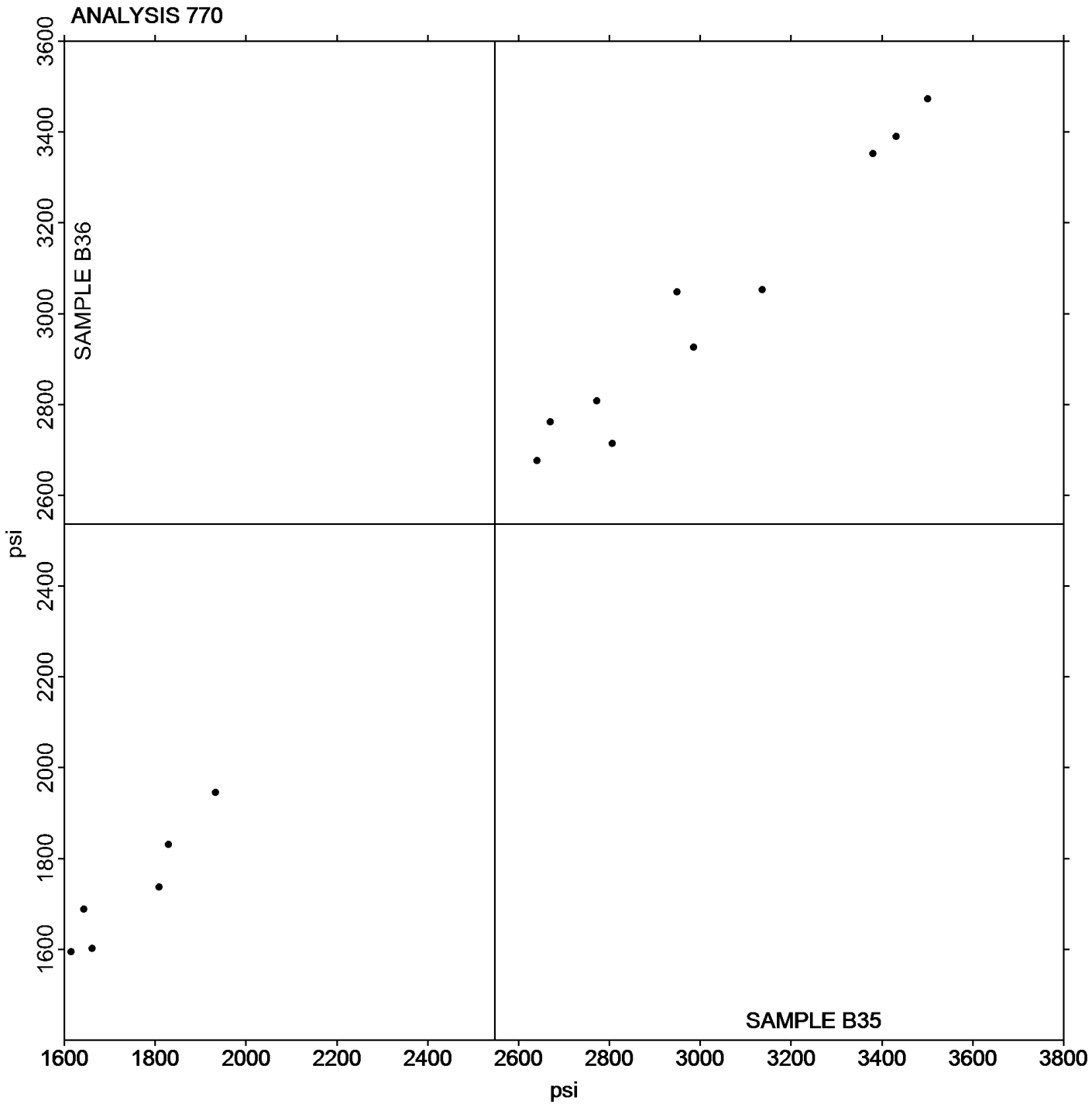
Statistics based on 16 of 16 reporting participants

Sample B35: LDPE & Sample B36: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B35: 2,547.85 psi Grand Mean Sample B36: 2,537.11 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 B35 Lab Mean	Sample B35 Diff from Grand Mean	Sample B35 CPV	Sample B36 Lab Mean	Sample B36 Diff from Grand Mean	Sample B36 CPV	Instr Code
2ZJJXU		3,215	-92	-0.51	3,330	24	0.13	IN
39NZR8		3,431	123	0.68	3,390	84	0.45	IN
4WXEEP		2,984	-324	-1.79	3,033	-273	-1.47	IN
8Q8PT3		3,084	-224	-1.24	3,221	-85	-0.45	WZ
8U7ZN2		3,128	-180	-0.99	2,977	-329	-1.77	XX
B4999K		3,319	12	0.06	3,446	140	0.75	IN
DAHZ9L		3,565	257	1.42	3,351	45	0.24	TH
F46WBH		3,187	-121	-0.67	3,263	-43	-0.23	IN
G7T744		3,220	-88	-0.49	3,206	-100	-0.54	IN
GHLJA2		3,465	157	0.87	3,519	213	1.14	MT
GXF98J		3,619	311	1.72	3,681	375	2.01	SH
JJAWNP		3,319	11	0.06	3,249	-57	-0.31	XX
KXKYMP		3,501	193	1.06	3,473	167	0.90	IN
Q26UQJ		3,380	73	0.40	3,352	46	0.25	IN
VHECPK		3,361	53	0.29	3,361	55	0.29	IN
WRWBW2		3,148	-159	-0.88	3,045	-261	-1.40	XX

Summary Statistics

	Sample B35	Sample B36
Grand Means	3,307.8 psi	3,306.0 psi
Stnd Dev Btwn Labs	181.2 psi	186.5 psi

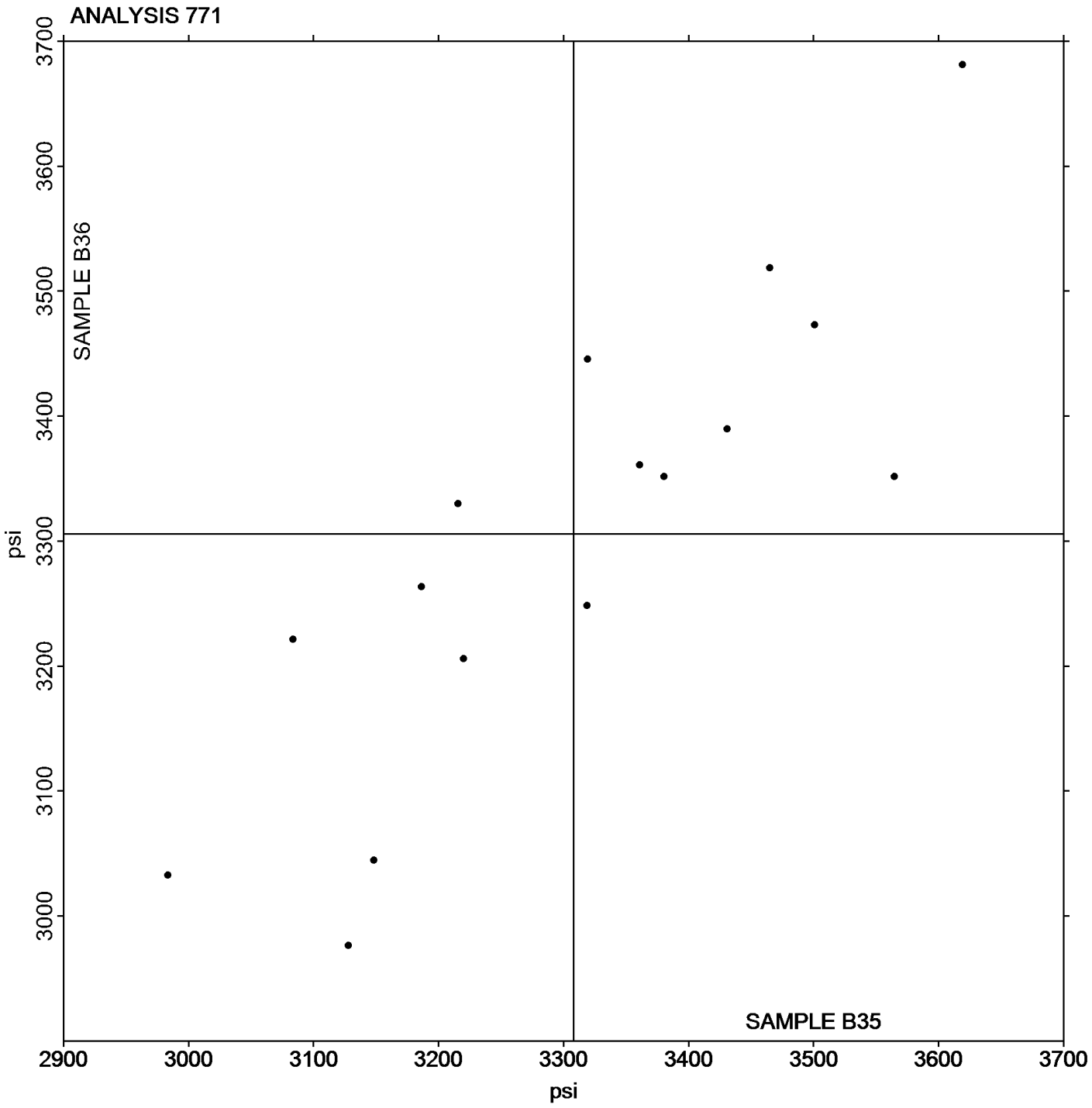
Statistics based on 16 of 16 reporting participants

Sample B35: LDPE & Sample B36: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B35: 3,307.84 psi Grand Mean Sample B36: 3,305.95 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 B35 Lab Mean	Sample B35 Diff from Grand Mean	Sample B35 CPV	Sample B36 Lab Mean	Sample B36 Diff from Grand Mean	Sample B36 CPV	Instr Code
2ZJJXU		100.16	-37.52	-0.29	101.59	-32.94	-0.26	IN
39NZR8		326.78	189.10	1.48	316.70	182.17	1.46	IN
4WXEEP		12.93	-124.75	-0.97	12.28	-122.25	-0.98	IN
8Q8PT3		11.20	-126.48	-0.99	11.70	-122.83	-0.99	WZ
8U7ZN2	*	293.60	155.92	1.22	243.40	108.87	0.87	XX
B4999K		115.30	-22.38	-0.17	116.91	-17.62	-0.14	IN
F46WBH		42.00	-95.68	-0.75	42.11	-92.42	-0.74	IN
G7T744		7.34	-130.34	-1.02	7.19	-127.34	-1.02	IN
GHLJA2		9.64	-128.04	-1.00	9.82	-124.71	-1.00	MT
GXF98J		109.24	-28.44	-0.22	104.56	-29.97	-0.24	SH
JJAWNP		132.28	-5.40	-0.04	141.87	7.34	0.06	XX
KXKYMP		349.75	212.07	1.65	362.44	227.91	1.83	IN
Q26UQJ		312.66	174.98	1.37	309.65	175.12	1.41	IN
VHECPK		104.64	-33.04	-0.26	103.21	-31.32	-0.25	IN

Summary Statistics

	Sample B35	Sample B36
Grand Means	137.680 Percent	134.531 Percent
Stnd Dev Btwn Labs	128.181 Percent	124.444 Percent

Statistics based on 14 of 14 reporting participants

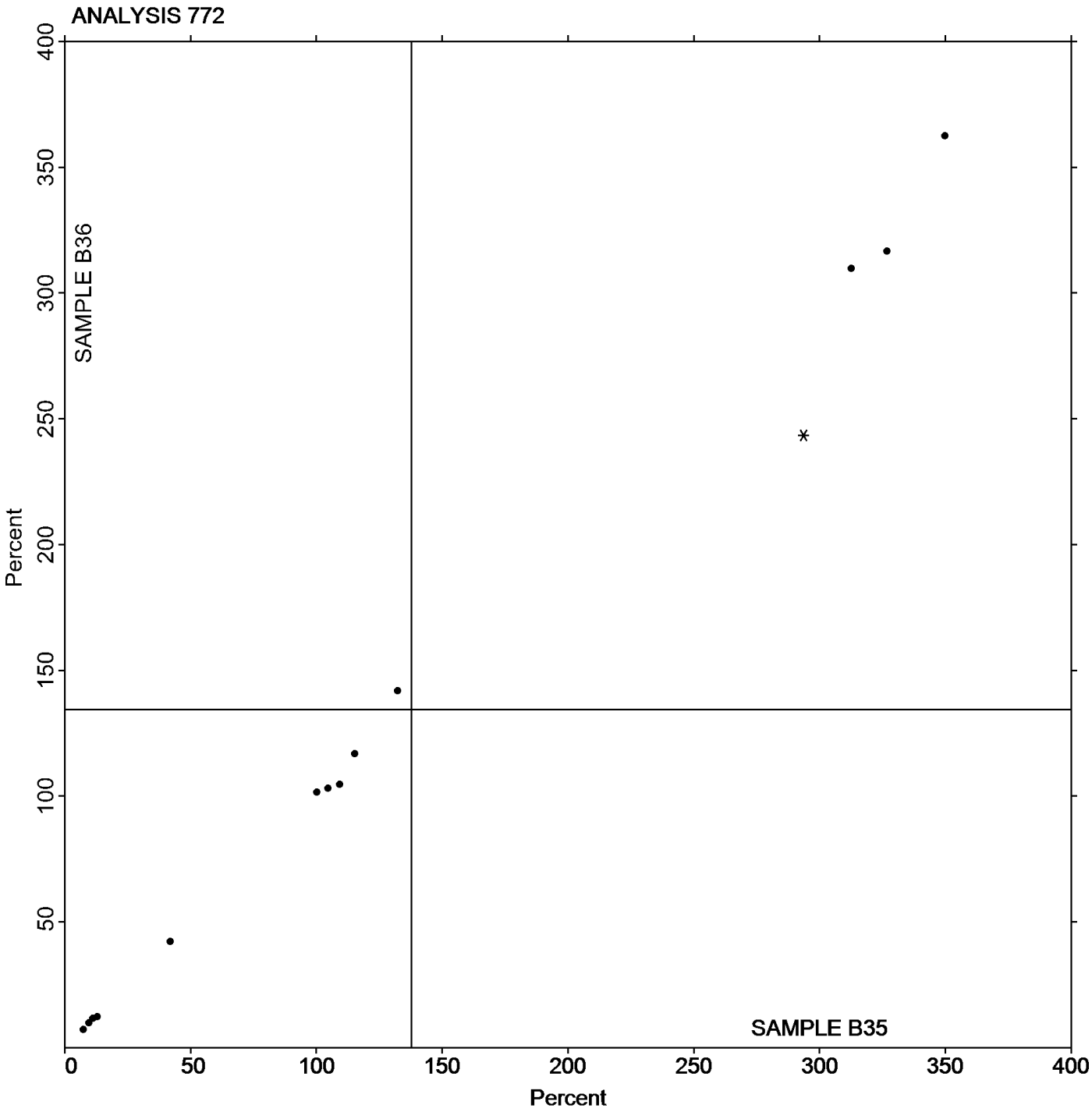
Sample B35: LDPE & Sample B36: LDPE

Note: Results for test 772 exhibit higher variability than historical averages. Participant's should use caution when interpreting results.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B35: 137.68 Percent Grand Mean Sample B36: 134.53 Percent



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

Plastics Interlaboratory Testing Program

Analysis 773

Percent Elongation at Break, Film Samples

WebCode	Data Flag	Sample B35 Lab Mean	Sample B35 Diff from Grand Mean	Sample B35 CPV	Sample B36 Lab Mean	Sample B36 Diff from Grand Mean	Sample B36 CPV	Instr Code
2ZJJXU		286.1	-68.8	-0.85	292.6	-56.2	-0.82	IN
39NZR8		326.8	-28.1	-0.35	316.7	-32.1	-0.47	IN
4WXEEP		374.4	19.5	0.24	383.2	34.4	0.50	IN
8Q8PT3		248.0	-106.9	-1.33	292.0	-56.8	-0.82	WZ
8U7ZN2		299.9	-55.0	-0.68	253.2	-95.6	-1.39	XX
B4999K		449.3	94.4	1.17	441.8	93.0	1.35	IN
DAHZ9L		298.1	-56.8	-0.71	281.4	-67.4	-0.98	TH
F46WBH		422.4	67.5	0.84	442.9	94.1	1.37	IN
G7T744		278.3	-76.6	-0.95	272.6	-76.2	-1.11	IN
GHLJA2		298.3	-56.6	-0.70	295.4	-53.4	-0.78	MT
GXF98J		387.1	32.2	0.40	365.9	17.1	0.25	SH
JJAWNP		362.2	7.3	0.09	395.8	47.0	0.68	XX
KXKYMP		349.8	-5.1	-0.06	362.4	13.6	0.20	IN
Q26UQJ		312.7	-42.2	-0.52	309.7	-39.2	-0.57	IN
VHECPK	*	564.2	209.3	2.60	475.1	126.3	1.83	IN
WRWBW2		420.6	65.8	0.82	400.2	51.4	0.75	XX

Summary Statistics

	Sample B35	Sample B36
Grand Means	354.88 Percent	348.80 Percent
Stnd Dev Btwn Labs	80.48 Percent	68.93 Percent

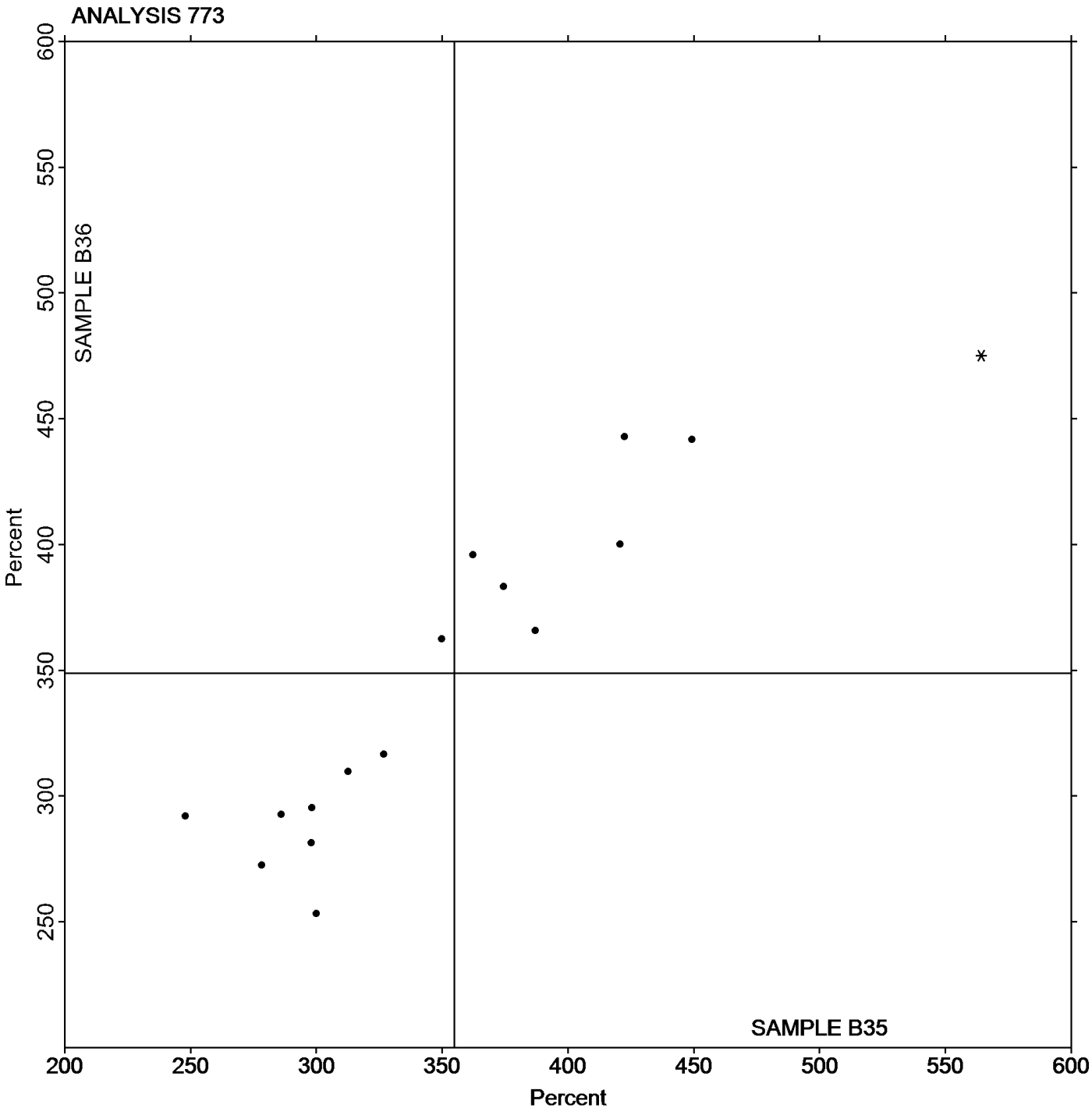
Statistics based on 16 of 16 reporting participants

Sample B35: LDPE & Sample B36: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B35: 354.88 Percent Grand Mean Sample B36: 348.80 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 B35 Lab Mean	Sample B35 Diff from Grand Mean	Sample B35 CPV	Sample B36 Lab Mean	Sample B36 Diff from Grand Mean	Sample B36 CPV
2ZJJXU		2.6900	0.0550	0.59	2.6160	-0.0113	-0.14
39NZR8		2.6320	-0.0030	-0.03	2.5980	-0.0293	-0.37
4WXEEP		2.7500	0.1150	1.23	2.7000	0.0727	0.92
8Q8PT3		2.6772	0.0422	0.45	2.5748	-0.0525	-0.67
8U7ZN2		2.5552	-0.0798	-0.86	2.5945	-0.0328	-0.42
B4999K		2.7100	0.0750	0.80	2.6700	0.0427	0.54
DAHZ9L		2.5300	-0.1050	-1.13	2.5540	-0.0733	-0.93
F46WBH		2.7560	0.1210	1.30	2.7363	0.1089	1.38
G7T744		2.6300	-0.0050	-0.05	2.6221	-0.0052	-0.07
GHLJA2		2.6700	0.0350	0.38	2.6400	0.0127	0.16
GXF98J	*	2.3504	-0.2845	-3.05	2.3819	-0.2454	-3.12
JJAWNP		2.6660	0.0310	0.33	2.7210	0.0937	1.19
KXKYMP		2.6130	-0.0220	-0.24	2.6440	0.0167	0.21
MZATQC		2.6500	0.0150	0.16	2.6500	0.0227	0.29
PUT8UB		2.5710	-0.0640	-0.69	2.5940	-0.0333	-0.42
Q26UQJ		2.6210	-0.0140	-0.15	2.6550	0.0277	0.35
VHECPK		2.6730	0.0380	0.41	2.6870	0.0597	0.76
WRWBW2		2.6850	0.0501	0.54	2.6535	0.0262	0.33

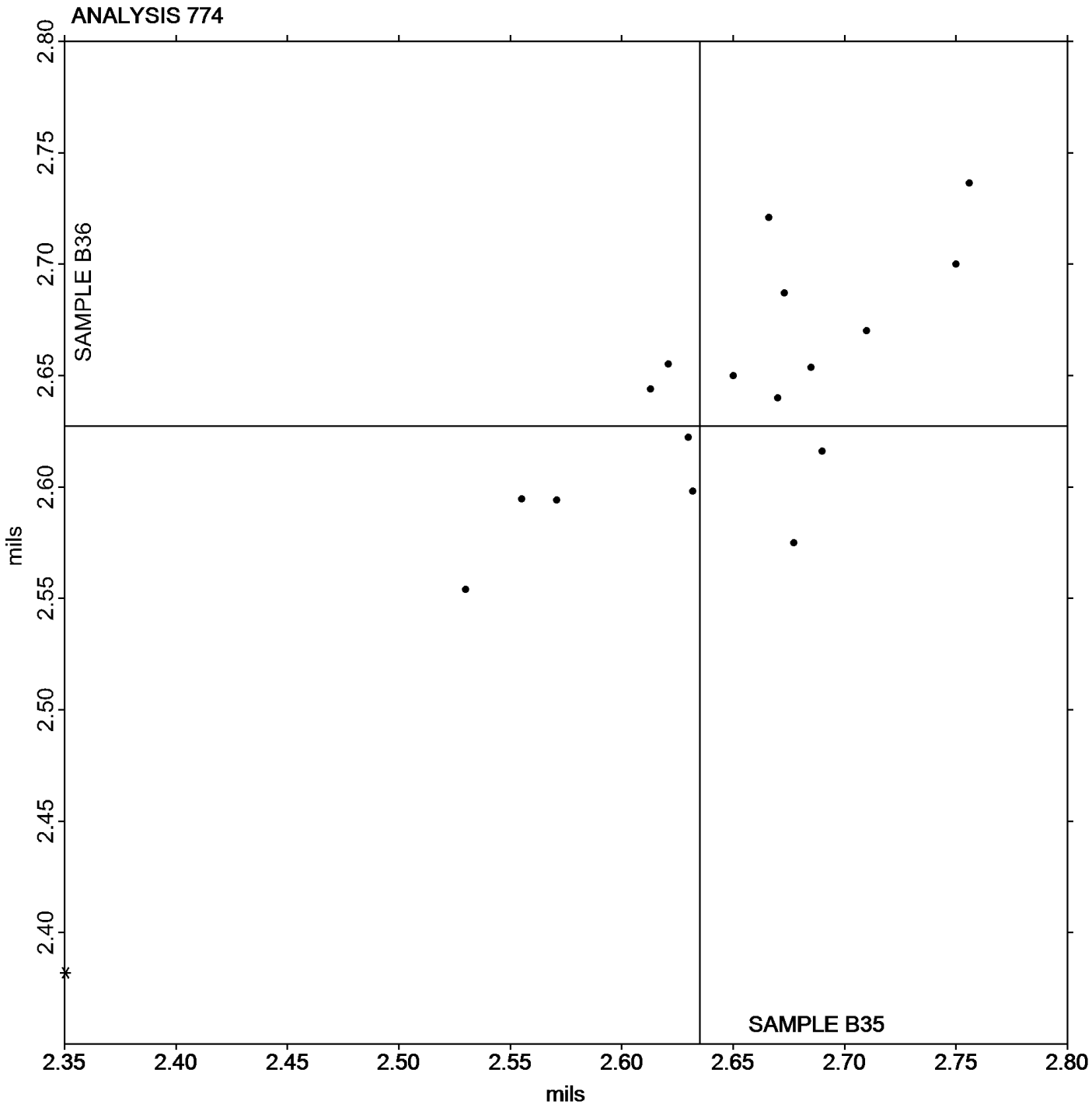
Summary Statistics

	Sample B35	Sample B36
Grand Means	2.63499 mils	2.62734 mils
Stnd Dev Btwn Labs	0.09325 mils	0.07869 mils

Statistics based on 18 of 18 reporting participants

Sample B35: LDPE & Sample B36: LDPE

Grand Mean Sample B35: 2.6350 mils Grand Mean Sample B36: 2.6273 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 B35 Lab Mean	Sample B35 Diff from Grand Mean	Sample B35 CPV	Sample B36 Lab Mean	Sample B36 Diff from Grand Mean	Sample B36 CPV	Instr Code
2ZJJXU		33,972	-3	0.00	33,401	-172	-0.03	IN
39NZR8		36,713	2,737	0.40	36,360	2,787	0.41	IN
4WXEEP		20,865	-13,111	-1.93	20,957	-12,616	-1.87	IN
8Q8PT3		35,375	1,399	0.21	35,186	1,613	0.24	WZ
8U7ZN2		29,856	-4,120	-0.61	30,407	-3,166	-0.47	XX
B4999K		32,455	-1,521	-0.22	33,458	-115	-0.02	IN
DAHZ9L		35,774	1,798	0.26	36,553	2,979	0.44	TH
F46WBH		29,623	-4,353	-0.64	29,515	-4,058	-0.60	IN
GHLJA2		35,637	1,661	0.24	34,684	1,110	0.16	MT
GXF98J		53,230	19,255	2.83	52,745	19,172	2.84	SH
JJAWNP		33,520	-456	-0.07	32,812	-761	-0.11	XX
KXKYMP		31,971	-2,005	-0.29	29,918	-3,655	-0.54	IN
Q26UQJ		33,582	-394	-0.06	32,503	-1,070	-0.16	IN
VHECPK		33,091	-885	-0.13	31,525	-2,048	-0.30	IN

Summary Statistics

	Sample B35	Sample B36
Grand Means	33,975.9 psi	33,573.2 psi
Stnd Dev Btwn Labs	6,802.0 psi	6,754.0 psi

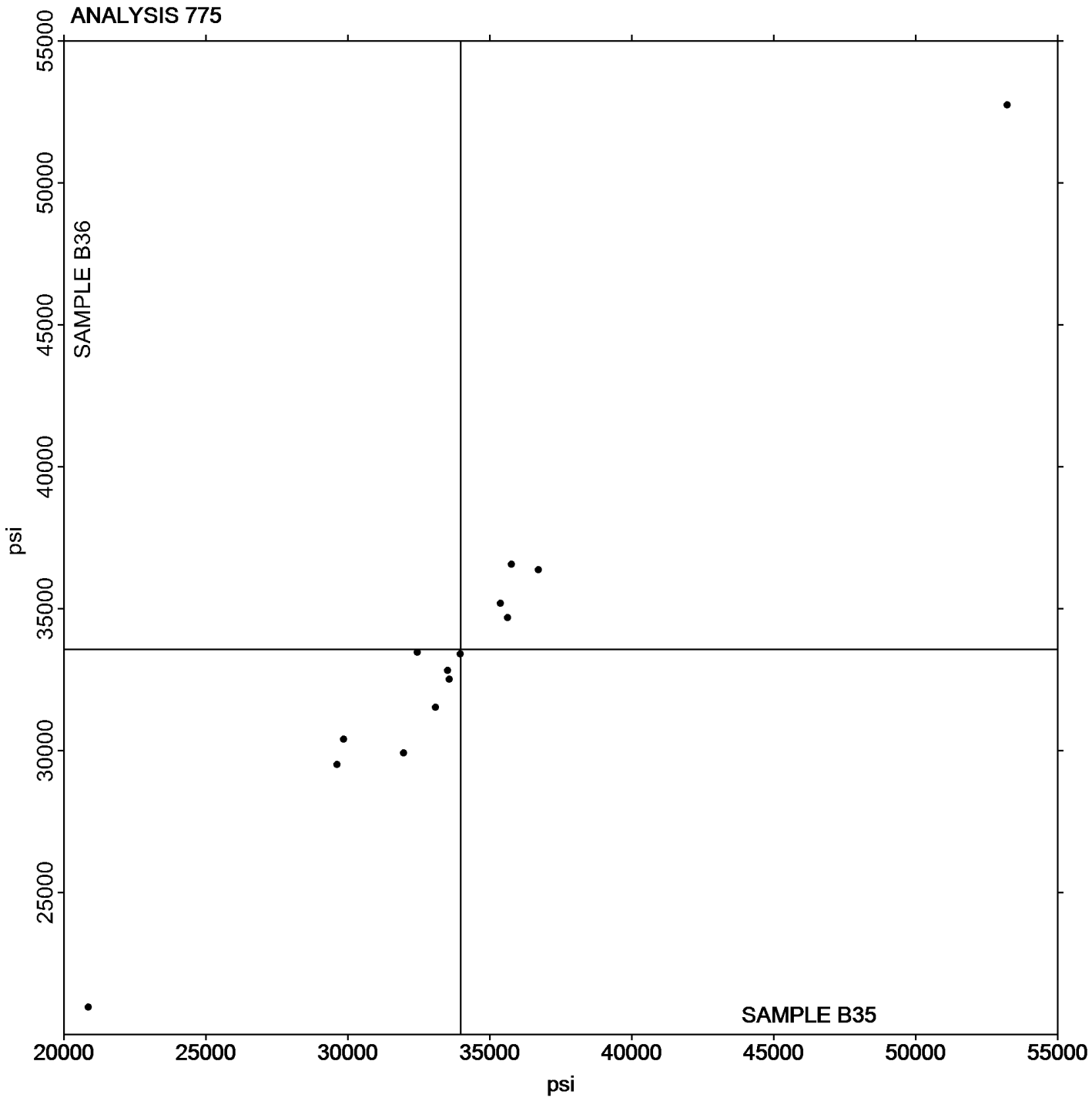
Statistics based on 14 of 14 reporting participants

Sample B35: LDPE & Sample B36: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B35: 33,975.89 psi Grand Mean Sample B36: 33,573.19 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 B35 Lab Mean	Sample B35 Diff from Grand Mean	Sample B35 CPV	Sample B36 Lab Mean	Sample B36 Diff from Grand Mean	Sample B36 CPV	Instr Code
39NZR8		31,126	1,978	0.50	30,924	2,188	0.53	IN
4WXEEP		22,837	-6,311	-1.58	22,503	-6,233	-1.51	IN
8Q8PT3		29,544	396	0.10	29,327	591	0.14	IN
8U7ZN2		21,532	-7,616	-1.91	20,646	-8,090	-1.96	XX
B4999K		28,320	-828	-0.21	29,067	332	0.08	IN
DAHZ9L		30,961	1,813	0.46	31,745	3,009	0.73	TH
F46WBH		29,238	90	0.02	28,983	247	0.06	IN
GHLJA2		30,919	1,770	0.44	30,420	1,684	0.41	MT
GXF98J		38,160	9,012	2.26	37,732	8,996	2.18	SH
JJAWNP		28,735	-413	-0.10	28,150	-586	-0.14	XX
KXKYMP		29,159	11	0.00	27,970	-766	-0.19	IN
Q26UQJ		29,373	224	0.06	28,638	-98	-0.02	IN
VHECPK		29,022	-127	-0.03	27,462	-1,274	-0.31	IN

Summary Statistics

	Sample B35	Sample B36
Grand Means	29,148.2 psi	28,735.8 psi
Stnd Dev Btwn Labs	3,984.0 psi	4,133.1 psi

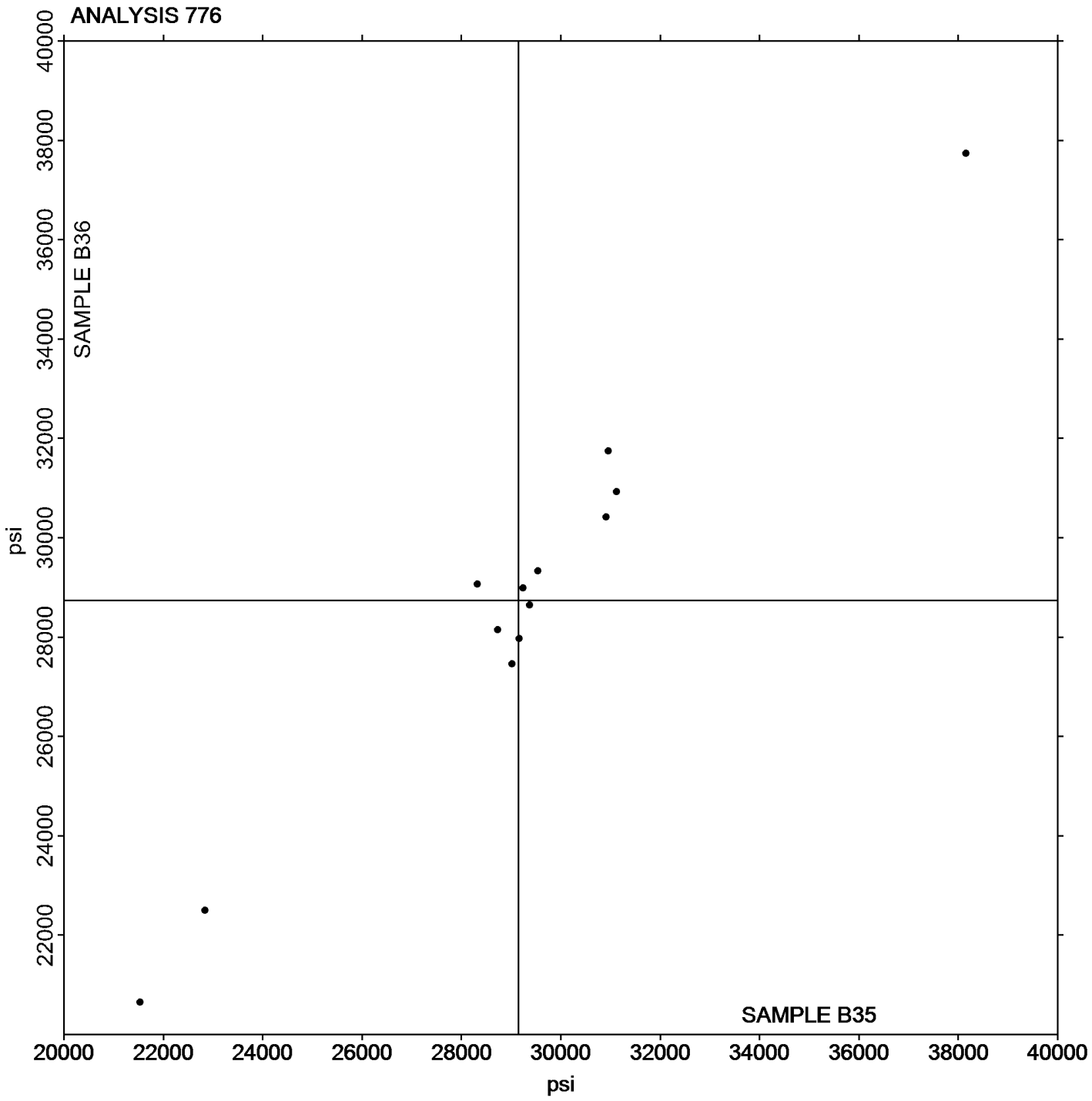
Statistics based on 13 of 13 reporting participants

Sample B35: LDPE & Sample B36: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B35: 29,148.21 psi Grand Mean Sample B36: 28,735.78 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 P35 Lab Mean	Sample P35 Diff from Grand Mean	Sample P35 CPV	Sample P36 Lab Mean	Sample P36 Diff from Grand Mean	Sample P36 CPV	Instr Code
2ZJJXU		0.1082	-0.0367	-0.74	0.1098	-0.0417	-0.86	TH
39NZR8		0.1300	-0.0149	-0.30	0.1440	-0.0075	-0.15	TM
4WXEEP		0.1562	0.0113	0.23	0.1678	0.0163	0.33	TN
6VQX4W		0.1218	-0.0231	-0.47	0.1280	-0.0235	-0.48	IS
8Q8PT3		0.0640	-0.0809	-1.64	0.0840	-0.0675	-1.39	XX
8U7ZN2		0.1332	-0.0117	-0.24	0.1370	-0.0145	-0.30	RD
B4999K		0.2102	0.0653	1.32	0.2118	0.0603	1.24	IS
DAHZ9L		0.2526	0.1077	2.18	0.2618	0.1103	2.27	TH
GHLJA2		0.1598	0.0149	0.30	0.1632	0.0117	0.24	MI
GXF98J		0.0809	-0.0640	-1.30	0.0859	-0.0656	-1.35	SA
LHP6YH		0.1180	-0.0269	-0.55	0.1380	-0.0135	-0.28	KA
P6UKZC		0.1824	0.0375	0.76	0.1784	0.0269	0.55	XX
QF84WD		0.1468	0.0019	0.04	0.1230	-0.0285	-0.59	TN
VHECPK		0.1648	0.0199	0.40	0.1886	0.0371	0.76	TH

Summary Statistics

	Sample P35	Sample P36
Grand Means	0.14493 COF	0.15152 COF
Stnd Dev Btwn Labs	0.04932 COF	0.04861 COF

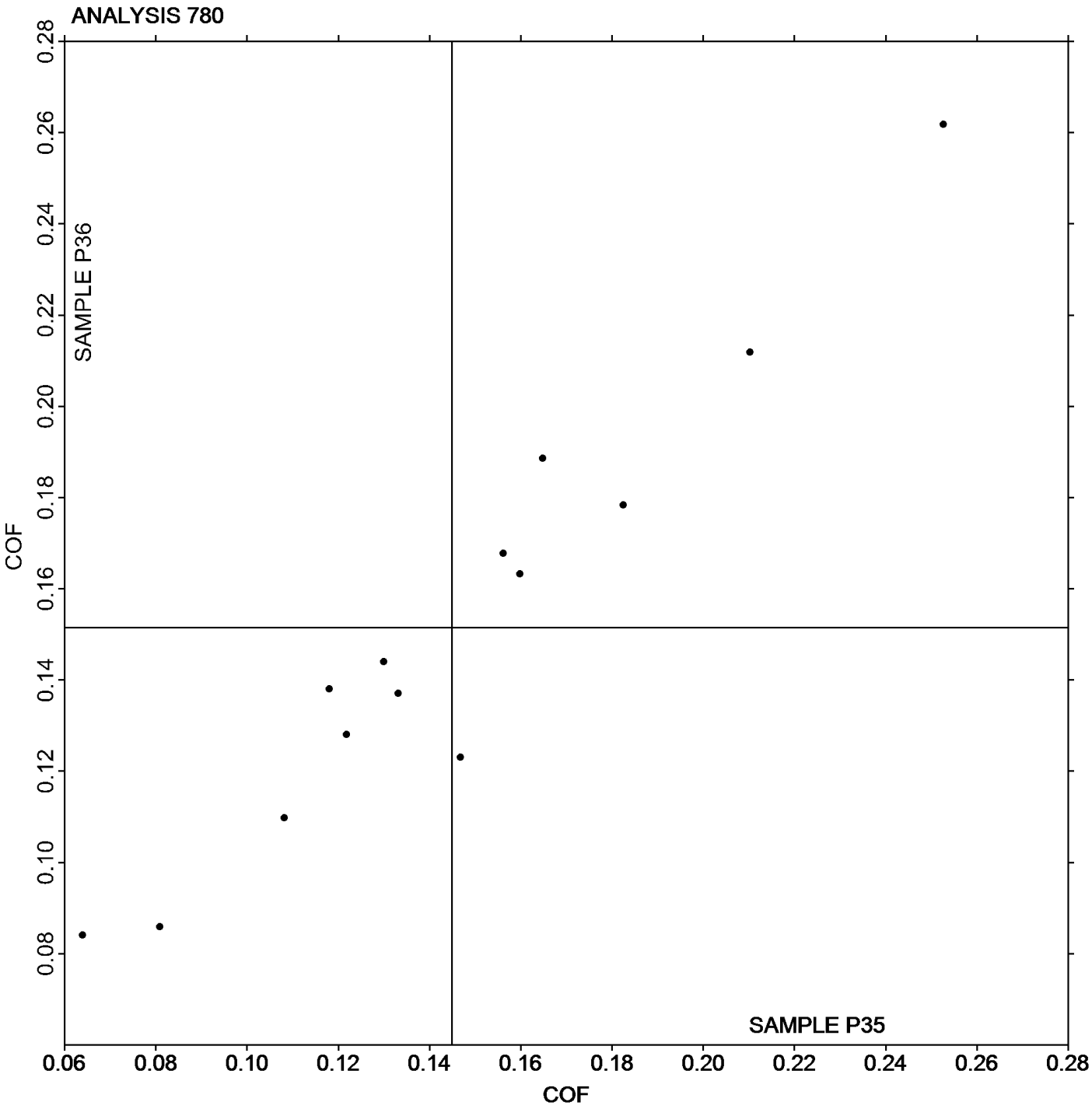
Statistics based on 14 of 14 reporting participants

Sample P35: LDPE & Sample P36: LDPE

Key to Instrument Codes Reported by Participants

IS	Instron 5000 Series	KA	Kayeness Inc.
MI	MTS Insight	RD	RDM CF
SA	Shimadzu Autograph	TH	Thwing Albert Friction/Peel Tester Model 225-1
TM	TMI Slip and Friction Tester	TN	TMI #32-06
XX	Instrument make/model not specified by lab		

Grand Mean Sample P35: 0.14493 COF Grand Mean Sample P36: 0.15152 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 P35 Lab Mean	Sample P35 Diff from Grand Mean	Sample P35 CPV	Sample P36 Lab Mean	Sample P36 Diff from Grand Mean	Sample P36 CPV	Instr Code
2ZJJXU		0.1042	-0.0111	-0.22	0.1062	-0.0174	-0.35	TH
39NZR8		0.1060	-0.0093	-0.19	0.1220	-0.0016	-0.03	TM
4WXEEP		0.1158	0.0005	0.01	0.1240	0.0004	0.01	TN
6VQX4W		0.1180	0.0027	0.05	0.1202	-0.0034	-0.07	IS
8Q8PT3		0.0280	-0.0873	-1.77	0.0380	-0.0856	-1.71	XX
8U7ZN2		0.1296	0.0143	0.29	0.1314	0.0078	0.16	RD
B4999K		0.2288	0.1135	2.30	0.2084	0.0848	1.70	IS
DAHZ9L	*	0.1236	0.0083	0.17	0.1996	0.0760	1.52	TH
GHLJA2		0.1112	-0.0041	-0.08	0.1098	-0.0138	-0.28	MI
GXF98J		0.0254	-0.0899	-1.82	0.0333	-0.0903	-1.81	SA
LHP6YH		0.1500	0.0347	0.70	0.1720	0.0484	0.97	KA
P6UKZC		0.1513	0.0360	0.73	0.1474	0.0238	0.48	XX
QF84WD		0.1192	0.0039	0.08	0.1036	-0.0200	-0.40	TN
VHECPK		0.1032	-0.0121	-0.25	0.1142	-0.0094	-0.19	TH

Summary Statistics

	Sample P35	Sample P36
Grand Means	0.11531 COF	0.12357 COF
Stnd Dev Btwn Labs	0.04942 COF	0.04994 COF

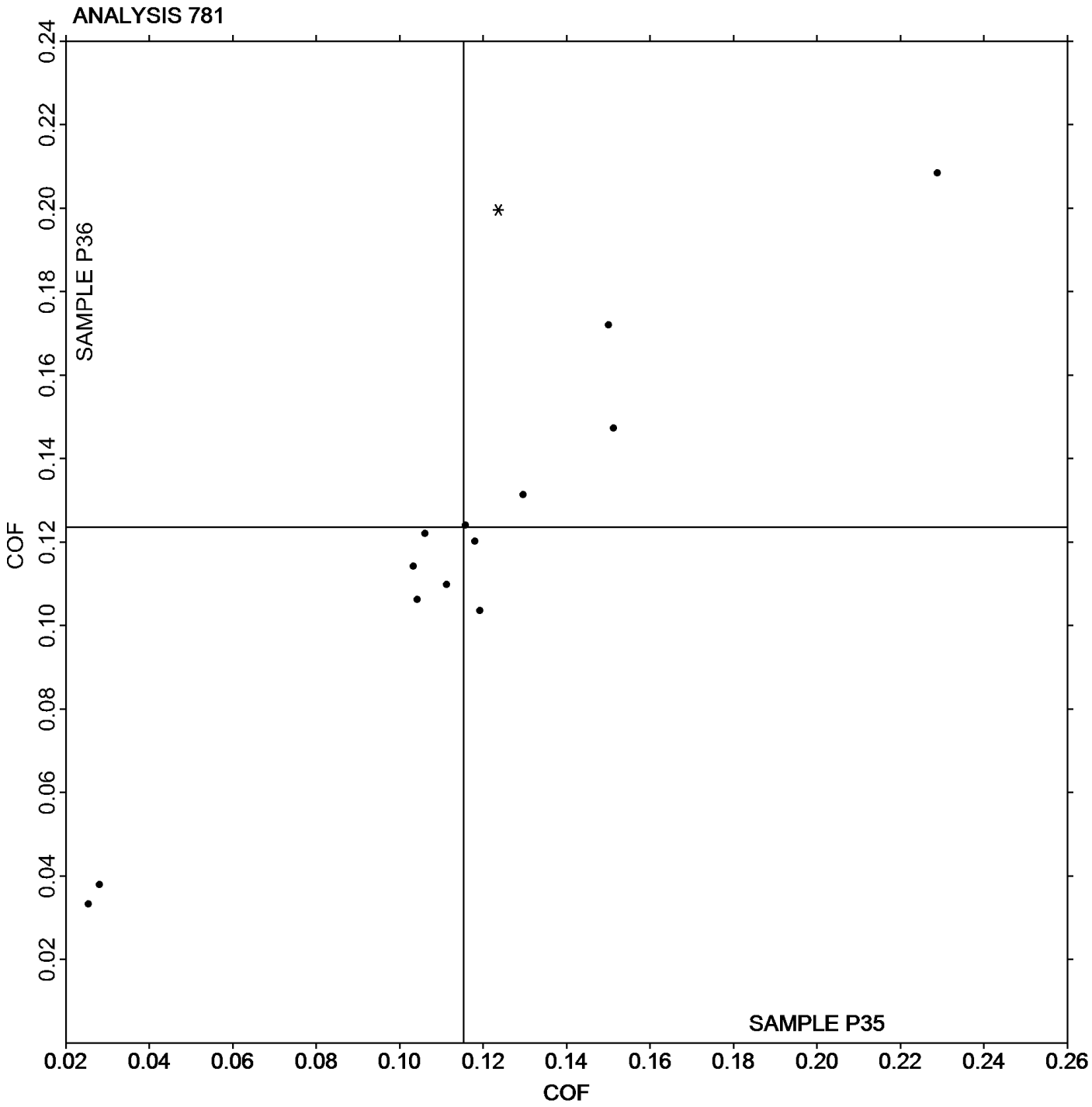
Statistics based on 14 of 14 reporting participants

Sample P35: LDPE & Sample P36: LDPE

Key to Instrument Codes Reported by Participants

IS	Instron 5000 Series	KA	Kayeness Inc.
MI	MTS Insight	RD	RDM CF
SA	Shimadzu Autograph	TH	Thwing Albert Friction/Peel Tester Model 225-1
TM	TMI Slip and Friction Tester	TN	TMI #32-06
XX	Instrument make/model not specified by lab		

Grand Mean Sample P35: 0.11531 COF Grand Mean Sample P36: 0.12357 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 Q35 Lab Mean	Sample Q35 Diff from Grand Mean	Sample Q35 CPV	Sample Q36 Lab Mean	Sample Q36 Diff from Grand Mean	Sample Q36 CPV	Instr Code
2ZJJXU		646.6	-174.3	-1.35	773.3	-91.2	-0.72	TE
39NZR8		776.3	-44.6	-0.34	880.3	15.9	0.13	TE
4WXEEP		1,110.2	289.3	2.23	1,100.2	235.7	1.87	TM
8Q8PT3		820.6	-0.3	0.00	967.6	103.1	0.82	TA
B4999K		741.7	-79.2	-0.61	790.7	-73.8	-0.58	TE
G7T744		753.4	-67.5	-0.52	959.1	94.6	0.75	SZ
GHLJA2		838.2	17.4	0.13	685.1	-179.3	-1.42	TE
GXF98J		798.7	-22.1	-0.17	833.2	-31.2	-0.25	TE
Q26UQJ		902.1	81.2	0.63	790.5	-74.0	-0.59	TM

Summary Statistics

	Sample Q35	Sample Q36
Grand Means	820.87 grams-force	864.45 grams-force
Stnd Dev Btwn Labs	129.55 grams-force	126.38 grams-force

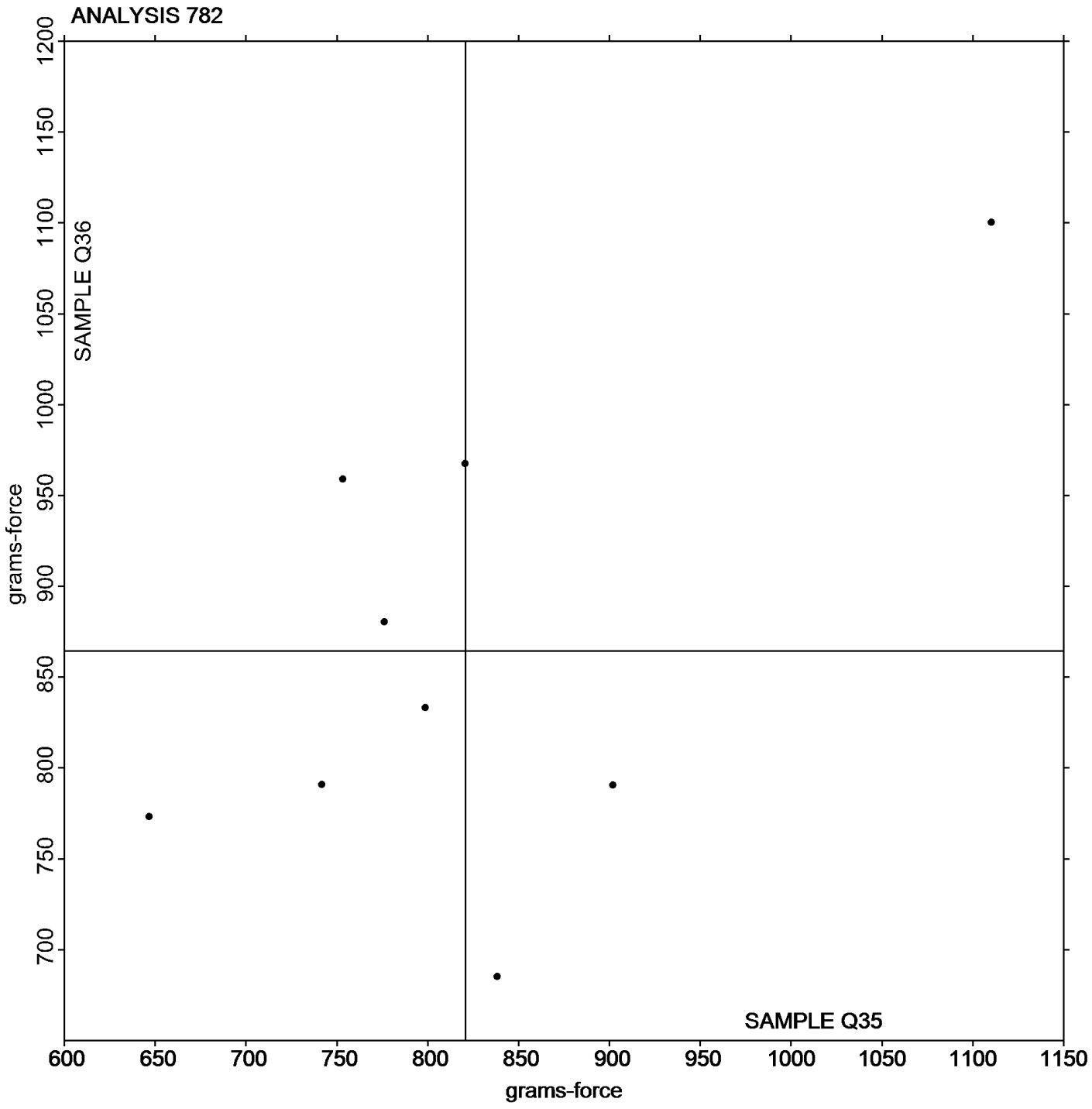
Statistics based on 9 of 9 reporting participants

Sample Q35: LDPE & Sample Q36: LDPE

Key to Instrument Codes Reported by Participants

SZ Textest FX 3700
TA Thwing-Albert
TE Thwing-Albert Pro Tear
TM TMI No. 83-1100

Grand Mean Sample Q35: 820.87 grams-force Grand Mean Sample Q36: 864.45 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 D35 Lab Mean	Sample D35 Diff from Grand Mean	Sample D35 CPV	Sample D36 Lab Mean	Sample D36 Diff from Grand Mean	Sample D36 CPV	Instr Code
29Q8JF		26.438	2.402	2.04	15.538	-0.234	-0.23	DA
2JATVP		25.138	1.102	0.93	16.763	0.991	0.97	BJ
2ZJJXU		23.925	-0.110	-0.09	16.413	0.641	0.62	BJ
39NZR8		24.313	0.277	0.23	14.838	-0.934	-0.91	BJ
3ERCXX		22.429	-1.607	-1.36	14.833	-0.939	-0.92	BH
4F3CCC	*	20.870	-3.165	-2.68	13.734	-2.038	-1.99	HL
4PBNRV		25.675	1.640	1.39	16.988	1.216	1.19	BT
4WXEEP		25.763	1.727	1.46	17.163	1.391	1.36	BJ
6FJPEU		22.598	-1.438	-1.22	14.260	-1.512	-1.47	XR
6Z4JC4		24.165	0.130	0.11	15.493	-0.279	-0.27	BJ
8Q8PT3		23.688	-0.348	-0.29	15.013	-0.759	-0.74	BJ
B4999K		23.988	-0.048	-0.04	16.800	1.028	1.00	BT
BX3EEN		24.188	0.152	0.13	15.438	-0.334	-0.33	BJ
CMDRGK		22.288	-1.748	-1.48	14.450	-1.322	-1.29	BJ
CW4QD6		24.638	0.602	0.51	16.375	0.603	0.59	BJ
FYEUJY		24.563	0.527	0.45	16.500	0.728	0.71	BJ
G7T744		23.438	-0.598	-0.51	15.700	-0.072	-0.07	BJ
GHLJA2		25.025	0.990	0.84	16.125	0.353	0.34	BJ
GXF98J		23.863	-0.173	-0.15	16.713	0.941	0.92	BJ
J9B8XG	X	45.108	21.073	17.86	29.363	13.592	13.25	MA
K8WZCY		24.100	0.065	0.05	15.888	0.116	0.11	BJ
KA2J8L		24.368	0.332	0.28	16.839	1.067	1.04	XR
MRUA7D		23.204	-0.832	-0.70	17.081	1.310	1.28	XR
PUT8UB		24.188	0.152	0.13	15.213	-0.559	-0.55	BJ
RUMNUC		23.513	-0.523	-0.44	16.863	1.091	1.06	BJ
U37YUH		23.600	-0.435	-0.37	14.138	-1.634	-1.59	BJ
VHECPK		24.963	0.927	0.79	14.913	-0.859	-0.84	BJ

Summary Statistics

	Sample D35	Sample D36
Grand Means	24.0354 Percent	15.7717 Percent
Stnd Dev Btwn Labs	1.1797 Percent	1.0259 Percent

Statistics based on 26 of 27 reporting participants

Sample D35: LDPE & Sample D36: LDPE

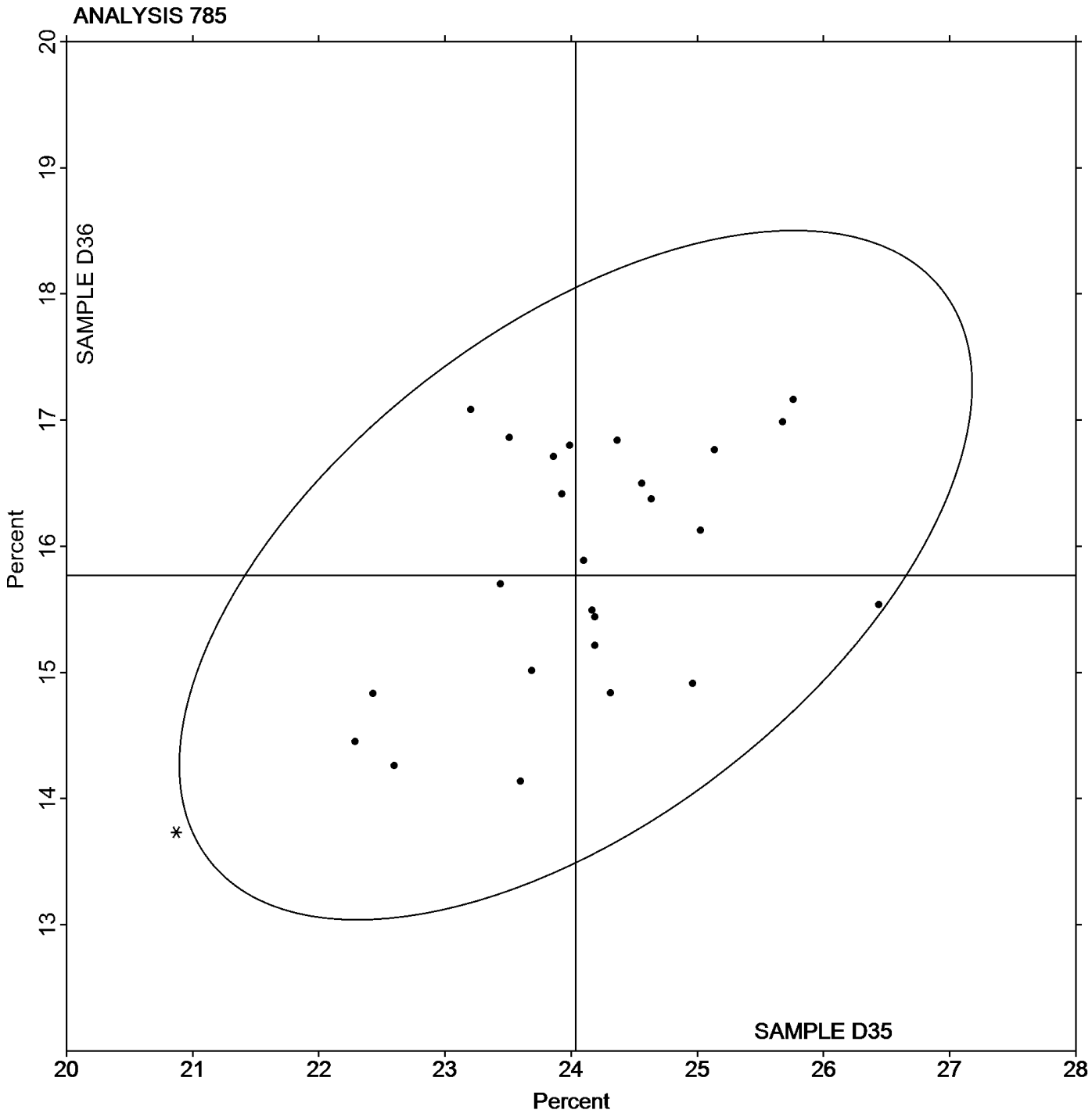
Comments on Assigned Data Flags for Test #785

J9B8XG (X) - Data for both samples are high.

Key to Instrument Codes Reported by Participants

BH	BYK-Gardner/Pacific Scientific Model XL-211	BJ	BYK-Gardner Haze-Gard Plus
BT	BYK Gardner TCS Series	DA	Datacolor SF 600 Series
HL	Hunterlab Ultrascan	MA	Macbeth 7000A
XR	X-Rite Spectrocolorimeter (any model)		

Grand Mean Sample D35: 24.035 Percent Grand Mean Sample D36: 15.772 Percent



WebCode	Data Flag	Sample D35 Lab Mean	Sample D35 Diff from Grand Mean	Sample D35 CPV	Sample D36 Lab Mean	Sample D36 Diff from Grand Mean	Sample D36 CPV	Instr Code
29Q8JF		90.02	-2.27	-1.94	90.73	-1.87	-1.77	DA
2JATVP		91.61	-0.68	-0.58	91.78	-0.83	-0.78	BJ
2ZJJXU		94.35	2.06	1.75	94.46	1.86	1.76	BJ
39NZR8		90.94	-1.35	-1.15	91.00	-1.60	-1.52	BJ
3ERCXX		91.78	-0.52	-0.44	92.09	-0.51	-0.49	BH
4F3CCC	*	89.64	-2.66	-2.26	90.81	-1.79	-1.70	HL
4PBNRV		92.73	0.43	0.37	92.71	0.11	0.11	BT
4WXEEP		93.09	0.80	0.68	93.20	0.60	0.57	BJ
6FJPEU		92.09	-0.20	-0.17	92.20	-0.40	-0.38	XR
6Z4JC4		92.48	0.18	0.16	92.61	0.01	0.01	BJ
8Q8PT3		92.48	0.18	0.16	92.93	0.32	0.31	BJ
B4999K		93.01	0.72	0.61	93.14	0.54	0.51	BJ
BX3EEN		93.55	1.26	1.07	94.03	1.42	1.35	BJ
CMDRGK		92.18	-0.12	-0.10	92.85	0.25	0.24	BJ
CW4QD6		93.44	1.15	0.98	93.61	1.01	0.96	BJ
FYEUJY		93.69	1.40	1.19	93.80	1.20	1.14	BJ
G7T744		90.45	-1.84	-1.57	91.05	-1.55	-1.47	BJ
GHLJA2		93.09	0.80	0.68	93.30	0.70	0.66	BJ
GXF98J		92.28	-0.02	-0.01	92.85	0.25	0.24	BJ
J9B8XG	X	86.63	-5.66	-4.83	86.27	-6.33	-5.99	MA
K8WZCY		92.29	0.00	0.00	92.71	0.11	0.11	BJ
KA2J8L		91.36	-0.93	-0.79	91.57	-1.03	-0.98	XR
MRUA7D		91.72	-0.57	-0.48	91.84	-0.76	-0.72	XR
PUT8UB		94.16	1.87	1.59	94.53	1.92	1.82	BJ
RUMNUC		92.84	0.55	0.46	93.05	0.45	0.43	BJ
U37YUH		92.36	0.07	0.06	92.61	0.01	0.01	BJ
VHECPK		92.00	-0.29	-0.25	92.16	-0.44	-0.41	BJ

Summary Statistics

	Sample D35	Sample D36
Grand Means	92.292 Percent	92.600 Percent
Stnd Dev Btwn Labs	1.173 Percent	1.056 Percent

Statistics based on 26 of 27 reporting participants

Sample D35: LDPE & Sample D36: LDPE

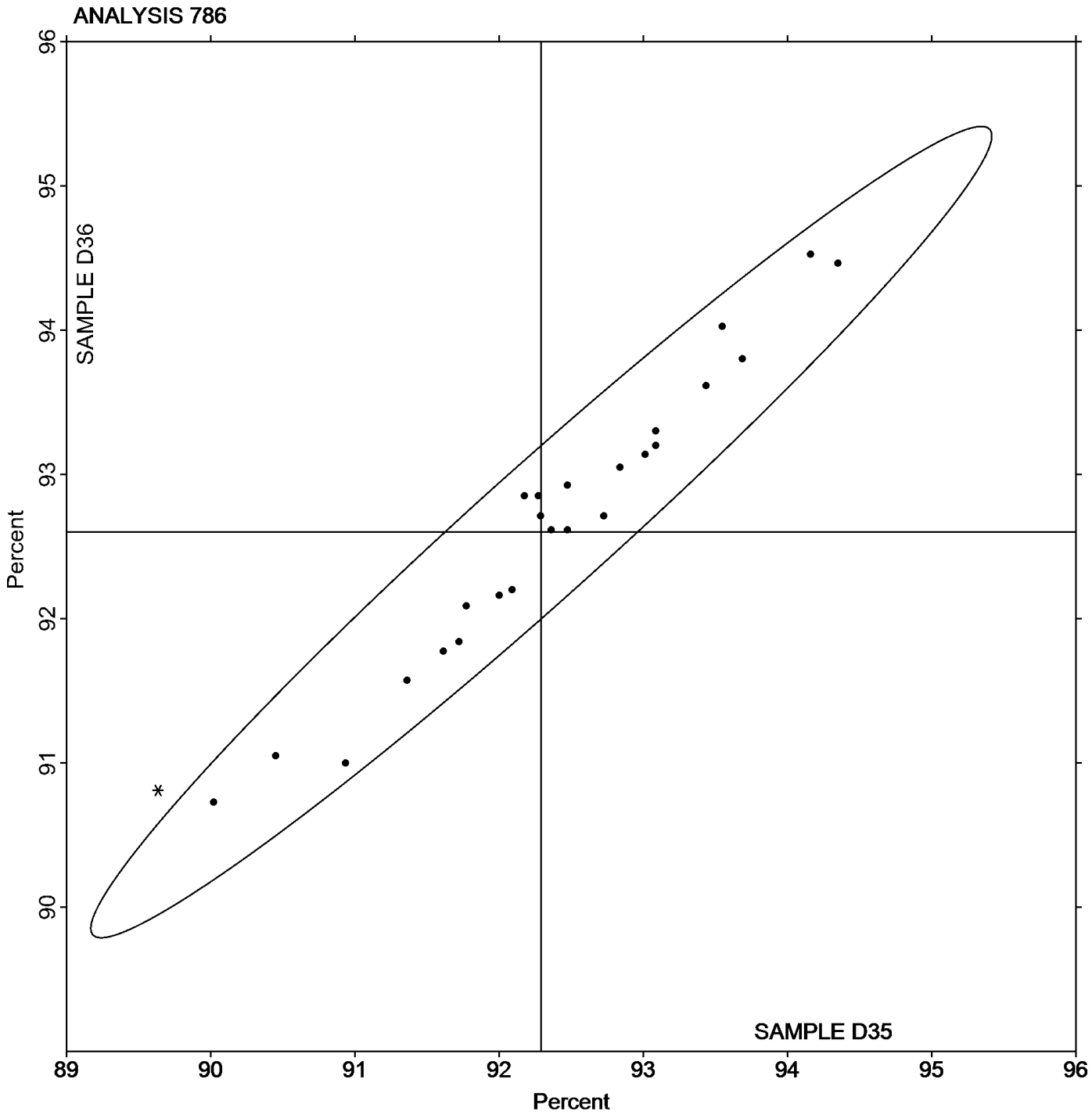
Comments on Assigned Data Flags for Test #786

J9B8XG (X) - Data for both samples are low. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

BH	BYK-Gardner/Pacific Scientific Model XL-211	BJ	BYK-Gardner Haze-Gard Plus
BT	BYK Gardner TCS Plus Spectrophotometer	DA	Datacolor SF 600 Series
HL	Hunterlab Ultrascan XE	MA	Macbeth 7000A
XR	X-Rite Spectrocolorimeter (any model)		

Grand Mean Sample D35: 92.292 Percent Grand Mean Sample D36: 92.600 Percent



WebCode	Data Flag	Sample S35 Lab Mean	Sample S35 Diff from Grand Mean	Sample S35 CPV	Sample S36 Lab Mean	Sample S36 Diff from Grand Mean	Sample S36 CPV	Instr Code
2D4A6C		2.30	-0.14	-0.39	2.13	-0.30	-0.78	TM
2JATVP		2.12	-0.33	-0.89	2.04	-0.40	-1.03	TM
68AZZV		2.15	-0.30	-0.80	2.41	-0.03	-0.07	TO
6M2X3Q	X	3.50	1.06	2.88	2.35	-0.09	-0.23	TO
86643P		2.52	0.07	0.20	2.58	0.15	0.37	TO
86ANPR		2.19	-0.26	-0.70	2.39	-0.05	-0.12	TO
8Q8PT3		2.56	0.11	0.30	2.64	0.20	0.52	WZ
8TGFBJ		1.98	-0.46	-1.27	2.13	-0.31	-0.80	WZ
97LYLJ		2.36	-0.09	-0.25	1.97	-0.47	-1.20	TM
9G36ET		2.60	0.15	0.41	2.64	0.21	0.53	TO
9XNHG7	*	2.33	-0.12	-0.33	1.47	-0.97	-2.49	TM
AH9CUQ		2.28	-0.17	-0.45	2.34	-0.09	-0.24	TM
AVE6NN		2.23	-0.22	-0.59	2.28	-0.16	-0.40	CE
AWQFKF	X	3.88	1.44	3.92	4.64	2.20	5.64	WZ
AYT3UQ		2.71	0.26	0.71	2.33	-0.11	-0.28	TM
BHH72X	X	4.75	2.30	6.28	4.78	2.34	6.01	TO
CCVFE3		2.25	-0.20	-0.54	2.03	-0.41	-1.05	TO
CJDFKK		3.19	0.74	2.01	3.28	0.84	2.15	DS
CMDRGK		2.42	-0.03	-0.08	2.03	-0.41	-1.05	TY
FFNP68		2.36	-0.08	-0.23	2.59	0.15	0.38	TM
GHLJA2		2.23	-0.22	-0.60	2.41	-0.03	-0.06	TO
GQEUJW		2.74	0.29	0.80	2.71	0.27	0.69	TO
HA6UYD		2.98	0.54	1.46	2.61	0.18	0.45	TM
HXT3KY		2.90	0.45	1.24	2.43	-0.01	-0.03	TM
J78CED		3.01	0.57	1.55	3.31	0.87	2.23	CE
J9B8XG	*	1.54	-0.91	-2.48	2.40	-0.03	-0.09	TO
JN248X	X	0.89	-1.56	-4.24	0.86	-1.58	-4.06	TO
JRAZ7A		2.48	0.03	0.08	2.32	-0.12	-0.30	CE
JXTG9J		2.00	-0.45	-1.23	2.00	-0.43	-1.11	WZ
K66XEX		2.02	-0.42	-1.16	1.97	-0.47	-1.20	TO
LA2R4C		2.40	-0.05	-0.12	2.39	-0.05	-0.12	TO
LZNKZA		2.20	-0.25	-0.68	2.16	-0.28	-0.72	XX
MTMMPB		3.10	0.66	1.79	2.71	0.27	0.70	TM
MZ6CRD		2.92	0.47	1.29	2.83	0.39	1.01	CE
N74ANV		2.26	-0.19	-0.51	2.90	0.46	1.19	TO

WebCode	Data Flag	Sample S35 Lab Mean	Sample S35 Diff from Grand Mean	Sample S35 CPV	Sample S36 Lab Mean	Sample S36 Diff from Grand Mean	Sample S36 CPV	Instr Code
N79RLU		2.01	-0.44	-1.20	1.72	-0.71	-1.83	TO
NCXF9C		2.43	-0.02	-0.06	2.01	-0.43	-1.11	CE
NLL9MU		2.10	-0.35	-0.95	1.94	-0.50	-1.28	CE
P6UKZC	X	0.39	-2.06	-5.62	0.25	-2.19	-5.61	XX
PH3EK3		2.75	0.30	0.83	2.81	0.37	0.95	CE
PK24BA		2.32	-0.13	-0.35	2.32	-0.12	-0.31	XX
PVNQVC		2.77	0.32	0.88	2.36	-0.07	-0.19	TO
Q7XYKM		2.87	0.42	1.16	3.20	0.76	1.95	TM
QGYR38		1.88	-0.56	-1.53	2.23	-0.20	-0.53	CS
TWNXQZ		3.06	0.62	1.68	2.66	0.22	0.58	TO
U4J2PA		2.53	0.09	0.23	2.40	-0.04	-0.10	TM
U4KCP7	X	0.76	-1.69	-4.61	0.76	-1.68	-4.30	TM
UABPQU		2.57	0.12	0.32	2.57	0.13	0.34	TO
ULLYG6		2.22	-0.23	-0.62	2.64	0.21	0.53	XX
UNTHE2		3.19	0.74	2.01	3.03	0.60	1.53	TO
V4XPQ2		2.30	-0.14	-0.39	2.36	-0.08	-0.21	TM
WU2AE3		2.23	-0.22	-0.59	2.79	0.35	0.90	XX
XBCTUT		2.37	-0.08	-0.22	2.17	-0.26	-0.68	BA
XHVYQZ		2.44	-0.01	-0.03	2.38	-0.05	-0.14	TO
XP8BJQ		2.59	0.15	0.40	2.33	-0.11	-0.28	TM
Y42JYW		3.01	0.56	1.53	3.42	0.98	2.51	TO
YAEZAU		2.21	-0.24	-0.65	2.75	0.31	0.81	TM
YGNFQ2		1.82	-0.62	-1.70	2.51	0.07	0.19	TO
YHKYT3		2.53	0.08	0.22	2.40	-0.04	-0.10	TO
ZA7ARA		2.62	0.18	0.48	2.20	-0.24	-0.62	TO

Summary Statistics

	Sample S35	Sample S36
Grand Means	2.447 ft.lbf/in	2.438 ft.lbf/in
Stnd Dev Btwn Labs	0.367 ft.lbf/in	0.390 ft.lbf/in

Statistics based on 54 of 60 reporting participants

Sample S35: ABS/PC & Sample S36: ABS/PC

Comments on Assigned Data Flags for Test #790

U4KCP7 (X) - Data for both samples are low.

6M2X3Q (X) - Data for sample S35 are high. Inconsistent within the determinations of sample S35.

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

JN248X (X) - Data for both samples are low.

BHH72X (X) - Data for both samples are high.

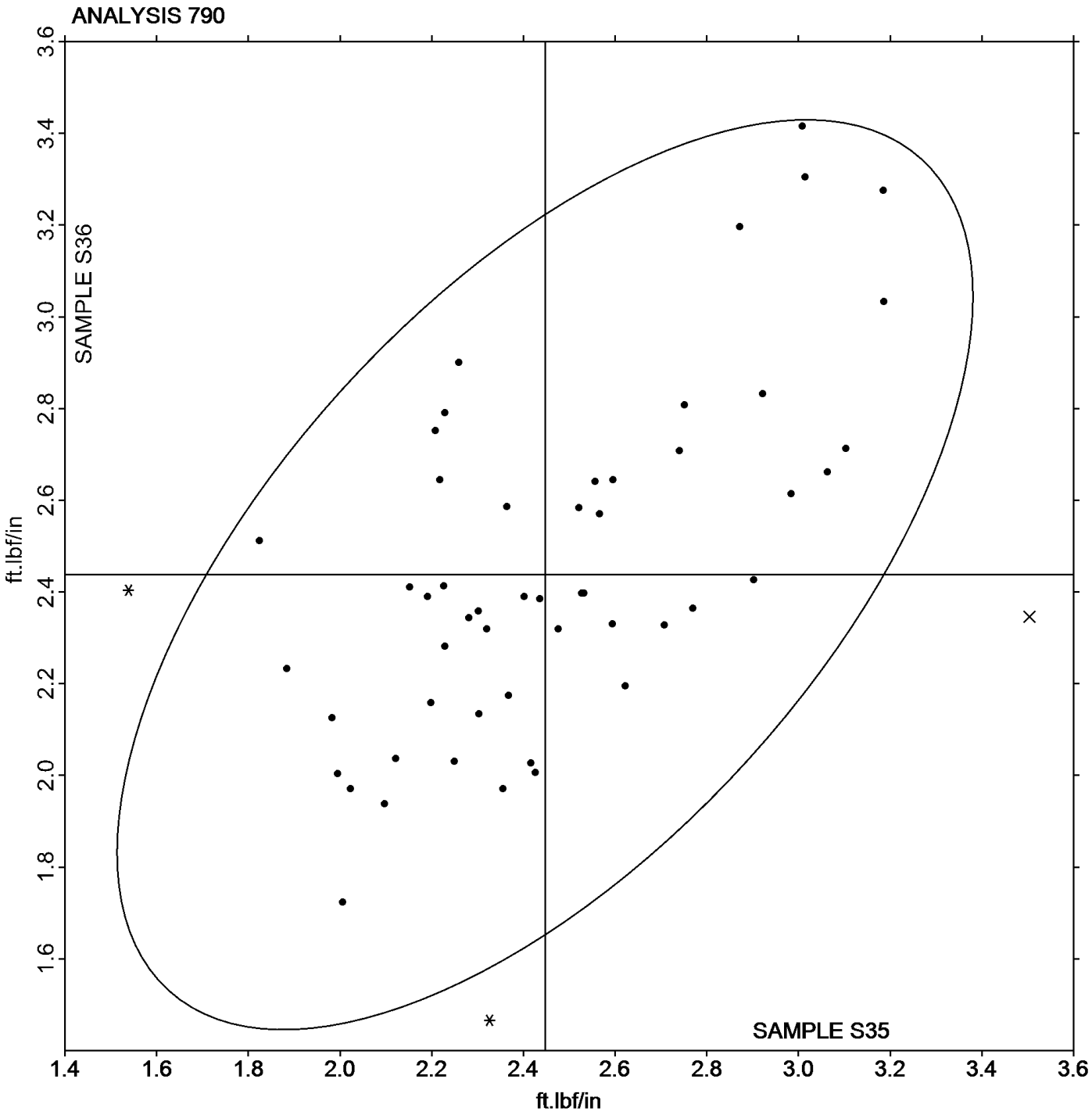
P6UKZC (X) - Data for both samples are low.

CCVFE3 - Determination #2 for sample S35 appeared to be a typo. The determination was removed from the Lab Mean of Sample S35 per the Grubb's Outlier Test.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample S35: 2.4471 ft.lbf/in Grand Mean Sample S36: 2.4376 ft.lbf/in



WebCode	Data Flag	Sample Z35 Lab Mean	Sample Z35 Diff from Grand Mean	Sample Z35 CPV	Sample Z36 Lab Mean	Sample Z36 Diff from Grand Mean	Sample Z36 CPV	Instr Code
2MPCM8		13.00000	0.37076	0.40	13.36000	0.67499	1.09	TM
2U7RFG		13.79400	1.16476	1.26	12.52200	-0.16301	-0.26	XX
38DZVD		14.54400	1.91476	2.07	13.99800	1.31299	2.12	XX
3EUVB8		14.12600	1.49676	1.62	12.87400	0.18899	0.30	TO
44MDFV		12.51460	-0.11464	-0.12	12.29614	-0.38887	-0.63	TM
74XY33		12.71000	0.08076	0.09	12.39800	-0.28701	-0.46	TO
8TGFBJ		12.00400	-0.62524	-0.68	12.05000	-0.63501	-1.02	WZ
AL9VZJ		12.48200	-0.14724	-0.16	12.12600	-0.55901	-0.90	CE
BX3EEN		12.39600	-0.23324	-0.25	12.42800	-0.25701	-0.41	TO
C4LJJP		11.46000	-1.16924	-1.27	12.50000	-0.18501	-0.30	WZ
CMDRGK		12.15200	-0.47724	-0.52	12.70800	0.02299	0.04	XX
GJFWKD		13.41600	0.78676	0.85	13.97200	1.28699	2.08	CE
JTVZWP		11.19600	-1.43324	-1.55	12.65400	-0.03101	-0.05	TO
KNKBY2		13.42640	0.79716	0.86	12.83440	0.14939	0.24	TM
NCXF9C		11.96000	-0.66924	-0.72	12.67200	-0.01301	-0.02	CE
RTA3B3		12.96380	0.33456	0.36	12.66720	-0.01781	-0.03	XX
U4J2PA		12.14860	-0.48064	-0.52	11.98060	-0.70441	-1.14	TM
WUTF3V		12.73800	0.10876	0.12	12.80400	0.11899	0.19	CE
ZHJ8PU		11.01340	-1.61584	-1.75	11.50980	-1.17521	-1.90	CE
ZUAKKW		12.54000	-0.08924	-0.10	13.34600	0.66099	1.07	IN

Summary Statistics

	Sample Z35	Sample Z36
Grand Means	12.629240 kJ/m^2	12.685007 kJ/m^2
Stnd Dev Btwn Labs	0.923736 kJ/m^2	0.619867 kJ/m^2

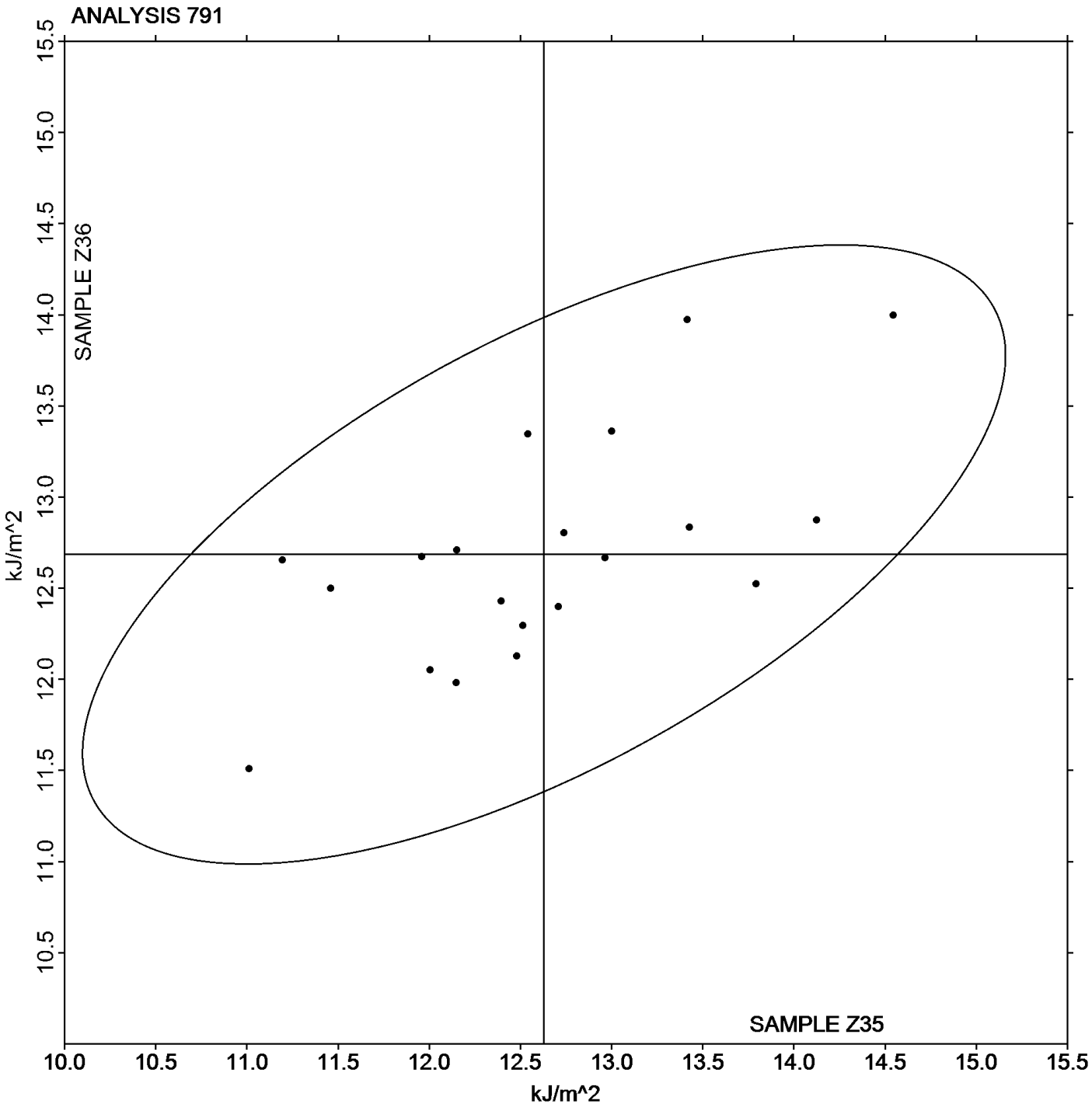
Statistics based on 20 of 20 reporting participants

Sample Z35: HIPS & Sample Z36: HIPS

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 Z35: 12.629 kJ/m^2 Grand Mean Sample Z36: 12.685 kJ/m^2



WebCode	Data Flag	Sample M35 Lab Mean	Sample M35 Diff from Grand Mean	Sample M35 CPV	Sample M36 Lab Mean	Sample M36 Diff from Grand Mean	Sample M36 CPV	Instr Code
2JATVP	X	41.11	-5.69	-1.88	50.72	3.89	1.48	TM
2U7RFG		44.24	-2.56	-0.84	46.56	-0.27	-0.10	WZ
44MDFV		43.87	-2.93	-0.97	44.21	-2.62	-1.00	TM
74XY33		46.45	-0.35	-0.12	45.78	-1.04	-0.40	TO
8TGFBJ		46.66	-0.14	-0.05	47.65	0.83	0.31	WZ
9BDGBU		48.02	1.22	0.40	48.46	1.63	0.62	TO
AL9VZJ		45.54	-1.26	-0.42	48.14	1.31	0.50	CE
AVE6NN		44.35	-2.45	-0.81	44.62	-2.20	-0.84	CE
AWQFKF		46.87	0.07	0.02	47.29	0.47	0.18	TM
B4999K		50.62	3.82	1.26	49.18	2.36	0.90	TM
BLJCHP		45.64	-1.16	-0.38	44.12	-2.71	-1.03	CE
BVQQNW		46.46	-0.34	-0.11	46.21	-0.62	-0.24	CE
C4LJJP		42.96	-3.84	-1.27	42.88	-3.95	-1.51	WZ
CDDFNK		41.89	-4.91	-1.62	42.43	-4.40	-1.68	TM
CMDRGK		46.93	0.13	0.04	46.78	-0.04	-0.02	TY
GHPCX2		45.05	-1.75	-0.58	44.92	-1.91	-0.73	PO
GJFWKD		43.61	-3.19	-1.05	46.73	-0.10	-0.04	XX
GUZMMD		48.07	1.27	0.42	47.90	1.07	0.41	TO
HA6UYD		41.27	-5.53	-1.82	42.05	-4.78	-1.82	TM
HJQQPZ		45.74	-1.06	-0.35	47.99	1.16	0.44	TM
HTXZ6H		48.66	1.86	0.61	49.24	2.41	0.92	CE
JPWL9Z		50.22	3.42	1.13	49.30	2.47	0.94	WZ
JRAZ7A		43.32	-3.48	-1.15	44.00	-2.83	-1.08	CE
JTVZWP		46.56	-0.24	-0.08	46.59	-0.23	-0.09	TO
K327EX		48.02	1.22	0.40	48.10	1.27	0.49	CE
K66XEX		39.76	-7.04	-2.32	40.45	-6.38	-2.43	TO
KFQ2LX		49.69	2.89	0.95	48.99	2.16	0.82	WZ
KNKBY2		47.27	0.47	0.15	49.06	2.23	0.85	TM
MTMMPB		44.23	-2.57	-0.85	43.32	-3.50	-1.34	TM
MZ6CRD		53.78	6.98	2.30	51.74	4.91	1.87	CE
N6K78B		47.38	0.58	0.19	50.37	3.54	1.35	TM
NCXF9C	*	50.93	4.13	1.36	47.10	0.28	0.11	CE
NLL9MU		49.56	2.76	0.91	49.06	2.23	0.85	CE
QKJJDA		44.34	-2.46	-0.81	45.12	-1.70	-0.65	CE
R3TTHM		50.04	3.24	1.07	50.99	4.17	1.59	XX

WebCode	Data Flag	Sample M35 Lab Mean	Sample M35 Diff from Grand Mean	Sample M35 CPV	Sample M36 Lab Mean	Sample M36 Diff from Grand Mean	Sample M36 CPV	Instr Code
RDH798	*	53.78	6.98	2.30	49.75	2.93	1.12	CE
RTA3B3		47.35	0.55	0.18	45.84	-0.99	-0.38	XX
U4J2PA		49.21	2.40	0.79	49.24	2.41	0.92	TM
UABPQU		46.30	-0.50	-0.17	45.04	-1.79	-0.68	XX
ULLYG6		45.28	-1.52	-0.50	45.66	-1.17	-0.44	XX
UQX36L		48.50	1.70	0.56	48.33	1.50	0.57	XX
VHECPK		50.72	3.92	1.29	50.70	3.87	1.48	TO
VRLX6Z		48.40	1.60	0.53	47.74	0.91	0.35	TO
WU2AE3		44.14	-2.66	-0.88	44.24	-2.59	-0.99	XX
WUTF3V		43.86	-2.94	-0.97	43.77	-3.06	-1.17	CE
X9HWDL		50.76	3.96	1.31	50.47	3.64	1.39	XX
XHVYQZ		48.04	1.24	0.41	48.26	1.43	0.55	TO
YPLLTW	X	36.54	-10.26	-3.38	36.54	-10.29	-3.92	WZ
ZHJ8PU		45.27	-1.53	-0.50	44.49	-2.33	-0.89	CE

Summary Statistics

	Sample M35	Sample M36
Grand Means	46.800 kJ/m^2	46.827 kJ/m^2
Stnd Dev Btwn Labs	3.033 kJ/m^2	2.622 kJ/m^2

Statistics based on 47 of 49 reporting participants

Sample M35: ABS/PC & Sample M36: ABS/PC

Comments on Assigned Data Flags for Test #792

2JATVP (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample M36.

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

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample M35: 46.800 kJ/m ^ 2 Grand Mean Sample M36: 46.827 kJ/m ^ 2