Collaborative Testing Services, Inc.

Plastics Interlaboratory Testing Program

Web Summary Report #126, 2nd Qtr 2023

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

About CTS and the Plastics Interlaboratory Program

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

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

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

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

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Key for Web Summary Report (Page 1 of 2)

WebCode — Assigned laboratory identification number (temporary) used to ensure lab confidentiality while permitting a lab to locate its data in the Plastics Web Summary Report published on the CTS web site. The WebCode for each analysis can be found in the Performance Analysis Report mailed to each participant.

Lab Mean — The average of the test results obtained by the participant.

Grand Mean — The average of the LAB MEANS for all included participants. Laboratories flagged with an X or an M (see DATA FLAG column) are excluded from the GRAND MEAN.

Difference from Grand Mean — The difference of the LAB MEAN from the GRAND MEAN.

Between-Lab Standard Deviation — An indication of the precision of measurement between the laboratories. The greater the spread of the LAB MEANS about the GRAND MEAN, the larger the BETWEEN-LAB STANDARD DEVIATION (and vice versa).

Comparative Performance Value — An indication of how well a laboratory's results agree with the other participants. The CPV is a ratio indicating the number of standard deviations from the GRAND MEAN. The closer a laboratory's COMPARATIVE PERFORMANCE VALUE is to zero, the more consistent its results are with the other participants' data (and vice versa). The critical value for each CPV will vary depending on the number of labs participating in a test.

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

Data Flag — DATA FLAGS are assigned based on the simultaneous analysis of both samples tested. Refer to the following chart for an explanation of each symbol:

DATA FLAG	STATISTICALLY INCLUDED/EXCLUDED	ACTION REQUIRED
*	INCLUDED	**CAUTION** - review testing procedure and monitor future results. Results fall outside 95% ellipse but within a 99% ellipse that is calculated but not drawn.
X	EXCLUDED	**STOP** - immediate review of data and/or testing procedure is required. Results fall outside the 99% ellipse. See specific notes following each table for more information on why the data is excluded.
M	EXCLUDED	**PROCEED** - lab was unable to report data for at least one sample.

Graph - For each laboratory, the LAB MEAN for the first sample (x-axis) is plotted against the LAB MEAN for the second sample (y-axis) with each point representing a laboratory. The horizontal and vertical cross-hairs are the GRAND MEANS for each sample. When 20 or more laboratories are in the statistics, an ellipse is also drawn so that 95% of the time a randomly selected laboratory will be included inside the ellipse. Plotted data flags are explained above.

Common Problems Highlighted in Footnotes

1. ***Extreme data*** - The laboratory's results for one or both samples are so inconsistent with those of the other participants that the lab mean(s) fall outside the plot. The participant is advised to immediately review his data and/or testing procedure.

2. ***Systematic bias*** - The laboratory's results are either consistently high or low for both samples when compared to the other participants (the plotted point falls near the top or bottom of the ellipse). This indicates that the participant is performing the test with a constant bias. Causes of systematic errors include improper calibration, the particular make/model of equipment or a modification to the testing procedure.

3. ***Inconsistency in testing between samples/sample sets*** - The laboratory's results indicate that there are differences in the way the two samples tested (the plotted point falls to the side of the ellipse). This type of error may be attributed to the analyst deviating from the procedure when testing one of the samples or a material interaction occurrence with the instrument or room conditions. The inconsistency is reflected in the CPVs for the two samples, such as a +1.5 CPV for sample A and a -2.2 CPV for sample B. CTS also will specify if the laboratory's data for one sample are high/low compared to the other participants. If this inconsistency is slight, the lab's plotted point will be an * that falls on the edge of the ellipse.

4. ***Inconsistency in testing within a sample*** - The laboratory's within-lab standard deviation for a specified sample is high when compared to the other participants, often causing the lab's plotted point to fall outside of the ellipse.

Labs flagged with an * are not typically included in the footnotes of a data table. These labs may locate their position in the control ellipse and use the definitions above to help identify the type of testing error. An * should serve as a caution flag, a "yellow light", to a lab. If this error is repeated in future rounds, a lab may need to stop and review its testing procedures. The initial data flag is not cause for alarm. Interlaboratory tests conducted at regular intervals permit a lab to recognize trends in testing.

Plastics Interlaboratory Testing Program

Results Summary for Report #126, 2nd Qtr 2023

Analysis 704 - Tensile Stress at Yield				
Material: ABS	Sample F91	6,652.90	psi	1.88% COV
	Sample F92	6,656.39	psi	1.79% COV
Analysis 705 - Tensile Stress at Break				
Material: ABS	Sample F91	5,152.01	psi	4.35% COV
	Sample F92	5,139.03	psi	4.34% COV
Analysis 706 - Percent Elongation at Yield				
Material: ABS	Sample F91	2.4412	Percent	3.55% COV
	Sample F92	2.4384	Percent	3.21% COV
Analysis 708 - Modulus of Elasticity				
Material: ABS	Sample F91	351.61	ksi	5.52% COV
	Sample F92	350.23	ksi	5.00% COV
Analysis 710 - Deflection Temp. Under Flexural Load (1.82 MPa)				
Material: ABS/PC	Sample E91	105.03	Degrees C	2.58% COV
	Sample E92	105.32	Degrees C	2.63% COV
Analysis 711 - Deflection Temp. Under Flexural Load (0.455 MPa)				
Material: PP	Sample G91	112.48	Degrees C	4.58% COV
	Sample G92	112.15	Degrees C	5.56% COV
Analysis 712 - Temperature of Deflection (1.80 MPa)				
Material: ABS/PC	Sample N91	104.64	Degrees C	1.42% COV
	Sample N92	104.42	Degrees C	1.41% COV
Analysis 715 - Vicat Temperature (Rate A)				
Material: ABS	Sample H91	103.04	Degrees C	1.04% COV
	Sample H92	103.07	Degrees C	1.05% COV
Analysis 716 - Vicat Temperature (Rate B)				
Material: ABS	Sample R91	105.00	Degrees C	1.43% COV
	Sample R92	104.92	Degrees C	1.53% COV
Analysis 718 - Specific Gravity				
Material: ABS	Sample T91	1.0296	sp gr 23/23 C	0.192% COV
	Sample T92	1.0298	sp gr 23/23 C	0.183% COV
Analysis 720 - Flexural Modulus				
Material: ABS/PC	Sample J91	341.55	ksi	4.36% COV
	Sample J92	343.58	ksi	4.56% COV
Analysis 721 - Flexural Stress at 5% Strain				
Material: ABS/PC	Sample J91	11,591.48	psi	4.30% COV
	Sample J92	11,636.80	psi	4.27% COV
Analysis 722 - Flexural Stress at Yield				
Material: ABS/PC	Sample J91	11,730.85	psi	5.76% COV
	Sample J92	11,773.37	psi	5.74% COV
Analysis 730 - Tensile Stress at Yield, ISO Method				
Material: HIPS	Sample C91	23.463	MPa	2.79% COV
	Sample C92	23.490	MPa	2.58% COV
Analysis 731 - Tensile Stress at Break, ISO Method				
Material: HIPS	Sample C91	18.097	MPa	3.01% COV
	Sample C92	18.136	MPa	3.14% COV

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Results Summary for Report #126, 2nd Qtr 2023

Analysis 732 - Strain at Yield, ISO Method				
Material: HIPS	Sample C91	1.5056	Percent	4.03% COV
	Sample C92	1.5046	Percent	3.86% COV
Analysis 734 - Modulus of Elasticity, ISO Method				
Material: HIPS	Sample C91	1,783.19	MPa	4.10% COV
	Sample C92	1,786.76	MPa	3.86% COV
Analysis 736 - Flexural Modulus				
Material: HIPS	Sample K91	1,800.67	MPa	4.01% COV
	Sample K92	1,798.72	MPa	4.25% COV
Analysis 737 - Flexural Stress at 3.5% Strain				
Material: HIPS	Sample K91	37.508	MPa	3.43% COV
	Sample K92	37.545	MPa	3.54% COV
Analysis 738 - Flexural Stress at Yield				
Material: HIPS	Sample K91	37.550	MPa	3.31% COV
	Sample K92	37.611	MPa	3.35% COV
Analysis 750 - Flow Rate (190C or 230C/2.16 kg)				
Material: PP	Sample X91	12.127	grams/10 mins	5.56% COV
	Sample X92	12.173	grams/10 mins	5.50% COV
Analysis 755 - Moisture Content				
Material: HIPS	Sample Y91	0.01926	Percent	62.3% COV
	Sample Y92	0.01905	Percent	66.2% COV
Analysis 757 - Ash Content				
Material: PBT	Sample L91	29.671	Percent	0.541% COV
	Sample L92	29.700	Percent	0.264% COV
Analysis 758 - TGA				
Material: PP	Sample A91	78.610	Percent	2.49% COV
	Sample A92	79.241	Percent	0.726% COV
Analysis 760 - DSC Crystallization Temperature				
Material: PBT	Sample W91	172.78	Degrees Celsius	2.42% COV
	Sample W92	173.25	Degrees Celsius	2.52% COV
Analysis 761 - DSC Melt Temperature				
Material: PBT	Sample W91	223.38	Degrees Celsius	0.555% COV
	Sample W92	223.28	Degrees Celsius	0.513% COV
Analysis 762 - DSC Enthalpy of Crystallization				
Material: PBT	Sample W91	46.987	Joules Per Gram	9.21% COV
	Sample W92	47.401	Joules Per Gram	9.54% COV
Analysis 763 - DSC Enthalpy of Fusion				
Material: PBT	Sample W91	42.079	Joules Per Gram	14.1% COV
	Sample W92	42.839	Joules Per Gram	13.3% COV
Analysis 764 - DSC Glass Transition Temperature				
Material: PET	Sample V91	81.501	Degrees Celsius	2.57% COV
	Sample V92	81.705	Degrees Celsius	2.35% COV
Analysis 765 - Research Crystallization Peak Temperature				
Material: PBT	Sample W91	171.10	Degrees Celsius	4.66% COV
	Sample W92	171.79	Degrees Celsius	3.82% COV

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Analysis 766 - Research Melting Peak Temperature				
Material: PBT	Sample W91	223.11	Degrees Celsius	0.461% COV
	Sample W92	222.73	Degrees Celsius	0.374% COV
Analysis 767 - Research Heat of Crystallization				
Material: PBT	Sample W91	46.344	Joules Per Gram	11.4% COV
	Sample W92	46.619	Joules Per Gram	11.4% COV
Analysis 768 - Research Heat of Fusion				
Material: PBT	Sample W91	43.054	Joules Per Gram	15.7% COV
	Sample W92	43.837	Joules Per Gram	13.6% COV
Analysis 769 - Research Glass Transition Temperature				
Material: PET	Sample V91	79.876	Degrees Celsius	5.48% COV
	Sample V92	80.203	Degrees Celsius	5.34% COV
Analysis 770 - Tensile Stress at Yield, Films				
Material: LDPE	Sample B91	1,763.37	psi	8.91% COV
	Sample B92	1,744.25	psi	10.6% COV
Analysis 771 - Tensile Stress at Break, Films				
Material: LDPE	Sample B91	3,691.32	psi	14.0% COV
	Sample B92	3,359.00	psi	14.3% COV
Analysis 772 - Elongation at Yield, Films				
Material: LDPE	Sample B91	36.886	Percent	45.9% COV
	Sample B92	57.570	Percent	47.4% COV
Analysis 773 - Elongation at Break, Films				
Material: LDPE	Sample B91	842.68	Percent	13.6% COV
	Sample B92	716.35	Percent	12.7% COV
Analysis 774 - Thickness of Film Specimens				
Material: LDPE	Sample B91	2.8449	mils	8.14% COV
	Sample B92	2.7904	mils	11.9% COV
Analysis 775 - Secant Modulus at 1% Strain				
Material: LDPE	Sample B91	32,140.70	psi	8.72% COV
	Sample B92	29,432.32	psi	10.3% COV
Analysis 776 - Secant Modulus at 2% Strain				
Material: LDPE	Sample B91	27,628.03	psi	9.55% COV
	Sample B92	25,253.63	psi	8.89% COV
Analysis 780 - Static Friction				
Material: LDPE	Sample P91	0.16720	COF	29.5% COV
	Sample P92	0.16433	COF	30.5% COV
Analysis 781 - Kinetic Friction				
Material: LDPE	Sample P91	0.09876	COF	38.3% COV
	Sample P92	0.10648	COF	38.2% COV
Analysis 782 - Tear Resistance of Film				
Material: LDPE	Sample Q91	328.05	grams-force	13.4% COV
	Sample Q92	320.55	grams-force	23.6% COV
Analysis 785 - Percent Haze				
Material: LDPE	Sample D91	25.954	Percent	4.97% COV
	Sample D92	18.975	Percent	4.21% COV

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Analysis 786 - Total Transmittance				
Material: LDPE	Sample D91	92.396	Percent	1.39% COV
	Sample D92	92.456	Percent	1.48% COV
Analysis 790 - Notched Izod Impact				
Material: ABS/PC	Sample S91	10.546	ft.lbf/in	7.15% COV
	Sample S92	10.565	ft.lbf/in	6.76% COV
Analysis 791 - Notched Izod Impact				
Material: HIPS	Sample Z91	9.2540	kJ/m^2	6.53% COV
	Sample Z92	9.2491	kJ/m^2	6.05% COV
Analysis 792 - Notched Charpy Impact				
Material: HIPS	Sample M91	9.5473	kJ/m^2	5.74% COV
	Sample M92	9.5465	kJ/m^2	5.39% COV

WebCode	Data Flag	Sample F91 Lab Mean	Sample F91 Diff from Grand Mean	Sample F91 CPV	Sample F92 Lab Mean	Sample F92 Diff from Grand Mean	Sample F92 CPV
23TFHE		6,626.2	-26.7	-0.21	6,670.0	13.6	0.11
2KZLFG		6,772.0	119.1	0.95	6,829.2	172.8	1.45
2PGFKZ		6,642.8	-10.1	-0.08	6,671.8	15.4	0.13
3MRBML		6,728.0	75.1	0.60	6,710.0	53.6	0.45
3VXQ3N		6,546.0	-106.9	-0.86	6,570.6	-85.8	-0.72
6AXQYU		6,834.2	181.3	1.45	6,851.6	195.2	1.64
778J2X		6,476.8	-176.1	-1.41	6,523.2	-133.2	-1.12
7NKY88		6,575.6	-77.3	-0.62	6,535.2	-121.2	-1.02
8G7JAV	*	6,641.0	-11.9	-0.10	6,534.6	-121.8	-1.02
8JUV92		6,534.0	-118.9	-0.95	6,564.0	-92.4	-0.78
AHD7QD		6,756.4	103.5	0.83	6,694.4	38.0	0.32
B8PYJV		6,495.8	-157.1	-1.26	6,524.6	-131.8	-1.11
B9Y7LN		6,571.6	-81.3	-0.65	6,635.2	-21.2	-0.18
BETEHW	X	7,281.0	628.1	5.02	7,252.0	595.6	5.00
CCWKTQ		6,705.3	52.4	0.42	6,710.8	54.4	0.46
D846VQ		6,828.4	175.5	1.40	6,796.5	140.1	1.18
D9DPQY		6,836.0	183.1	1.46	6,866.0	209.6	1.76
DYQNAP		6,636.0	-16.9	-0.14	6,612.0	-44.4	-0.37
E3MPTH		6,813.9	161.0	1.29	6,819.7	163.3	1.37
EBV4UY		6,860.3	207.4	1.66	6,863.3	206.9	1.74
EHHL3N		6,685.0	32.1	0.26	6,678.4	22.0	0.18
EWF42E	X	6,895.3	242.4	1.94	7,048.9	392.5	3.30
F8AYCF		6,796.0	143.1	1.14	6,813.0	156.6	1.32
GKV9LL		6,563.4	-89.5	-0.72	6,622.5	-33.9	-0.29
GQHTVT		6,811.8	158.9	1.27	6,719.2	62.8	0.53
GWUADA		6,715.6	62.7	0.50	6,725.6	69.2	0.58
HKQGHN		6,776.5	123.6	0.99	6,808.6	152.2	1.28
HNPJZH		6,634.8	-18.1	-0.14	6,637.6	-18.8	-0.16
JMMA9J		6,564.6	-88.3	-0.71	6,543.4	-113.0	-0.95
JNQ729		6,645.1	-7.8	-0.06	6,687.7	31.4	0.26
JVM22T		6,703.4	50.5	0.40	6,737.8	81.4	0.68
KF49H9	X	6,705.0	52.1	0.42	6,513.3	-143.1	-1.20
KGNAX3		6,702.0	49.1	0.39	6,702.0	45.6	0.38
KHXR49		6,358.6	-294.3	-2.35	6,383.4	-273.0	-2.29
KR9LB2		6,425.6	-227.3	-1.82	6,473.4	-183.0	-1.54

WebCode	Data Flag	Sample F91 Lab Mean	Sample F91 Diff from Grand Mean	Sample F91 CPV	Sample F92 Lab Mean	Sample F92 Diff from Grand Mean	Sample F92 CPV
KWEE4B		6,634.8	-18.1	-0.14	6,711.2	54.8	0.46
L7KLE6		6,751.9	99.0	0.79	6,753.9	97.5	0.82
LDJ7JL		6,546.0	-106.9	-0.86	6,490.8	-165.6	-1.39
LK2GQU		6,676.0	23.1	0.18	6,641.6	-14.8	-0.12
MKC79T	X	6,483.8	-169.1	-1.35	6,755.3	98.9	0.83
NFZHL3		6,794.4	141.5	1.13	6,763.0	106.6	0.90
NHQ9MT		6,616.0	-36.9	-0.30	6,542.0	-114.4	-0.96
NLMZNX		6,602.2	-50.7	-0.41	6,654.4	-2.0	-0.02
NYN9E8	X	6,010.4	-642.5	-5.14	6,027.8	-628.6	-5.28
PHF73X		6,470.8	-182.1	-1.46	6,569.7	-86.7	-0.73
PL4DUL		6,724.0	71.1	0.57	6,755.9	99.5	0.84
PN6LWB		6,708.9	56.0	0.45	6,725.5	69.1	0.58
PUXJMM		6,606.4	-46.5	-0.37	6,638.6	-17.8	-0.15
QJTQXT		6,611.0	-41.9	-0.34	6,617.2	-39.2	-0.33
RURKEH	*	6,381.8	-271.1	-2.17	6,341.8	-314.6	-2.64
RX8LK3		6,614.6	-38.3	-0.31	6,632.6	-23.8	-0.20
T2YAEF		6,726.3	73.4	0.59	6,708.9	52.5	0.44
U8HKKA		6,738.6	85.7	0.69	6,711.0	54.6	0.46
UBMXX4		6,685.8	32.9	0.26	6,659.4	3.0	0.02
ULMH43		6,590.6	-62.3	-0.50	6,631.2	-25.2	-0.21
UZ4Y4X		6,618.0	-34.9	-0.28	6,604.0	-52.4	-0.44
VYMNR7	*	6,866.0	213.1	1.70	6,764.0	107.6	0.90
WF6498		6,730.0	77.1	0.62	6,692.0	35.6	0.30
WVLMZT		6,450.3	-202.6	-1.62	6,473.6	-182.8	-1.54
X4CZLT		6,579.6	-73.3	-0.59	6,561.4	-95.0	-0.80
XDHK8A		6,513.4	-139.5	-1.12	6,567.8	-88.6	-0.74
ZBJHRW		6,866.0	213.1	1.70	6,854.0	197.6	1.66
ZGR8M4		6,502.0	-150.9	-1.21	6,490.0	-166.4	-1.40

Summary Statistics

	Sample F91	Sample F92
Grand Means	6,652.90 psi	6,656.39 psi
Stnd Dev Btwn Labs	125.00 psi	119.04 psi

Statistics based on 58 of 63 reporting participants

Sample F91: ABS & Sample F92: ABS

Comments on Assigned Data Flags for Test #704

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

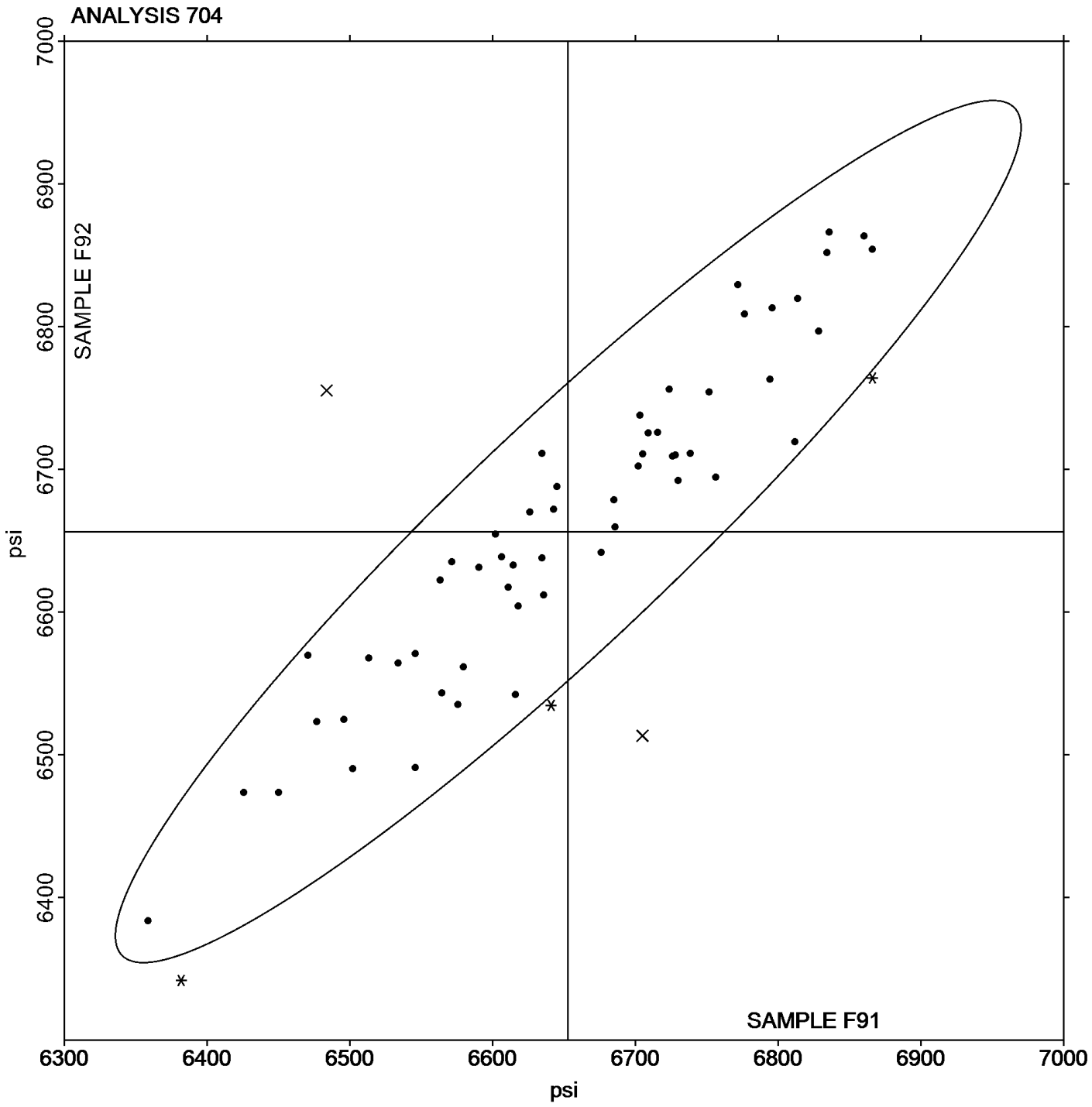
EWF42E (X) - Data for sample F92 are high. Inconsistent within the determinations of sample F92.

NYN9E8 (X) - Data for both samples are low. Possible Systematic Error.

MKC79T (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F91.

KF49H9 (X) - Inconsistent in testing between samples.

Grand Mean Sample F91: 6,652.90 psi Grand Mean Sample F92: 6,656.39 psi



WebCode	Data Flag	Sample F91 Lab Mean	Sample F91 Diff from Grand Mean	Sample F91 CPV	Sample F92 Lab Mean	Sample F92 Diff from Grand Mean	Sample F92 CPV
23TFHE		5,106.4	-45.6	-0.20	5,017.4	-121.6	-0.54
2KZLFG		5,290.8	138.8	0.62	5,380.4	241.4	1.08
2PGFKZ		5,134.4	-17.6	-0.08	5,018.3	-120.7	-0.54
3VXQ3N		4,936.8	-215.2	-0.96	4,997.0	-142.0	-0.64
6AXQYU		5,021.3	-130.8	-0.58	5,044.5	-94.6	-0.42
778J2X		5,041.8	-110.2	-0.49	5,024.2	-114.8	-0.51
7NKY88		5,100.8	-51.2	-0.23	4,982.6	-156.4	-0.70
8G7JAV		5,045.2	-106.8	-0.48	4,925.2	-213.8	-0.96
8JUV92		4,906.0	-246.0	-1.10	5,026.0	-113.0	-0.51
AHD7QD	X	4,208.0	-944.0	-4.22	4,519.8	-619.2	-2.77
B8PYJV		5,110.2	-41.8	-0.19	5,018.0	-121.0	-0.54
B9Y7LN		5,097.6	-54.4	-0.24	4,987.2	-151.8	-0.68
BETEHW		5,656.5	504.5	2.25	5,482.5	343.4	1.54
CCWKTQ		5,143.0	-9.0	-0.04	5,195.3	56.3	0.25
D4Y89H		5,070.0	-82.0	-0.37	5,104.0	-35.0	-0.16
D846VQ		5,021.3	-130.8	-0.58	5,041.6	-97.5	-0.44
D9DPQY		5,196.2	44.2	0.20	5,338.2	199.2	0.89
DYQNAP		5,690.0	538.0	2.40	5,646.0	507.0	2.27
E3MPTH		4,960.3	-191.7	-0.86	5,009.6	-129.4	-0.58
EHHL3N		5,053.6	-98.4	-0.44	4,952.0	-187.0	-0.84
EWF42E		5,376.3	224.3	1.00	5,558.3	419.3	1.88
F8AYCF		5,376.4	224.4	1.00	5,443.4	304.4	1.36
GKV9LL		5,150.7	-1.3	-0.01	5,167.4	28.4	0.13
GQHTVT		5,363.6	211.6	0.94	5,222.2	83.2	0.37
GWUADA		5,140.0	-12.0	-0.05	5,080.0	-59.0	-0.26
HKQGHN		5,131.3	-20.7	-0.09	5,195.0	56.0	0.25
HNPJZH		5,020.8	-131.2	-0.59	4,824.4	-314.6	-1.41
JMMA9J		5,214.2	62.2	0.28	5,155.4	16.4	0.07
JNQ729		4,920.6	-231.4	-1.03	5,010.8	-128.2	-0.57
JVM22T	*	5,779.8	627.8	2.80	5,744.2	605.2	2.71
KF49H9		5,278.6	126.6	0.57	5,104.1	-34.9	-0.16
KGNAX3		5,096.8	-55.2	-0.25	5,083.2	-55.8	-0.25
KHXR49	X	4,047.8	-1,104.2	-4.93	4,751.4	-387.6	-1.74
KR9LB2		5,091.8	-60.2	-0.27	5,081.8	-57.2	-0.26
KWEE4B		5,302.1	150.1	0.67	5,521.5	382.4	1.71

WebCode	Data Flag	Sample F91 Lab Mean	Sample F91 Diff from Grand Mean	Sample F91 CPV	Sample F92 Lab Mean	Sample F92 Diff from Grand Mean	Sample F92 CPV
L7KLE6		4,891.0	-261.0	-1.17	4,960.0	-179.0	-0.80
LDJ7JL		5,066.2	-85.8	-0.38	5,014.8	-124.2	-0.56
LK2GQU	*	4,808.2	-343.8	-1.54	5,114.8	-24.2	-0.11
MKC79T		5,176.6	24.6	0.11	5,318.4	179.4	0.80
NFZHL3		4,875.4	-276.6	-1.24	4,668.0	-471.0	-2.11
NHQ9MT		4,928.0	-224.0	-1.00	4,966.0	-173.0	-0.78
NLMZNX		5,172.1	20.1	0.09	5,250.4	111.4	0.50
NYN9E8		4,832.7	-319.3	-1.43	4,821.1	-317.9	-1.42
PHF73X	*	4,690.0	-462.0	-2.06	4,957.1	-181.9	-0.81
PL4DUL		5,167.4	15.4	0.07	5,148.0	9.0	0.04
PN6LWB		5,217.0	65.0	0.29	5,181.6	42.6	0.19
PUXJMM		5,294.0	142.0	0.63	5,046.0	-93.0	-0.42
QJTQXT		5,023.0	-129.0	-0.58	5,125.6	-13.4	-0.06
RURKEH		5,224.4	72.4	0.32	4,958.2	-180.8	-0.81
RX8LK3		5,007.3	-144.7	-0.65	5,050.5	-88.5	-0.40
T2YAEF		5,600.5	448.5	2.00	5,419.5	280.5	1.26
U8HKKA		5,335.0	183.0	0.82	5,287.8	148.8	0.67
UBMXX4	*	5,732.5	580.5	2.59	5,714.5	575.5	2.58
ULMH43		5,114.1	-37.9	-0.17	5,169.2	30.2	0.14
VYMNR7	X	6,863.4	1,711.4	7.64	6,764.2	1,625.2	7.28
WF6498		5,114.0	-38.0	-0.17	5,058.0	-81.0	-0.36
X4CZLT		5,071.8	-80.2	-0.36	4,875.4	-263.6	-1.18
XDHK8A		5,074.1	-77.9	-0.35	4,989.2	-149.9	-0.67
ZBJHRW		5,272.0	120.0	0.54	5,309.6	170.6	0.76

Summary Statistics

	Sample F91	Sample F92
Grand Means	5,152.01 psi	5,139.03 psi
Stnd Dev Btwn Labs	223.95 psi	223.20 psi

Statistics based on 56 of 59 reporting participants

Sample F91: ABS & Sample F92: ABS

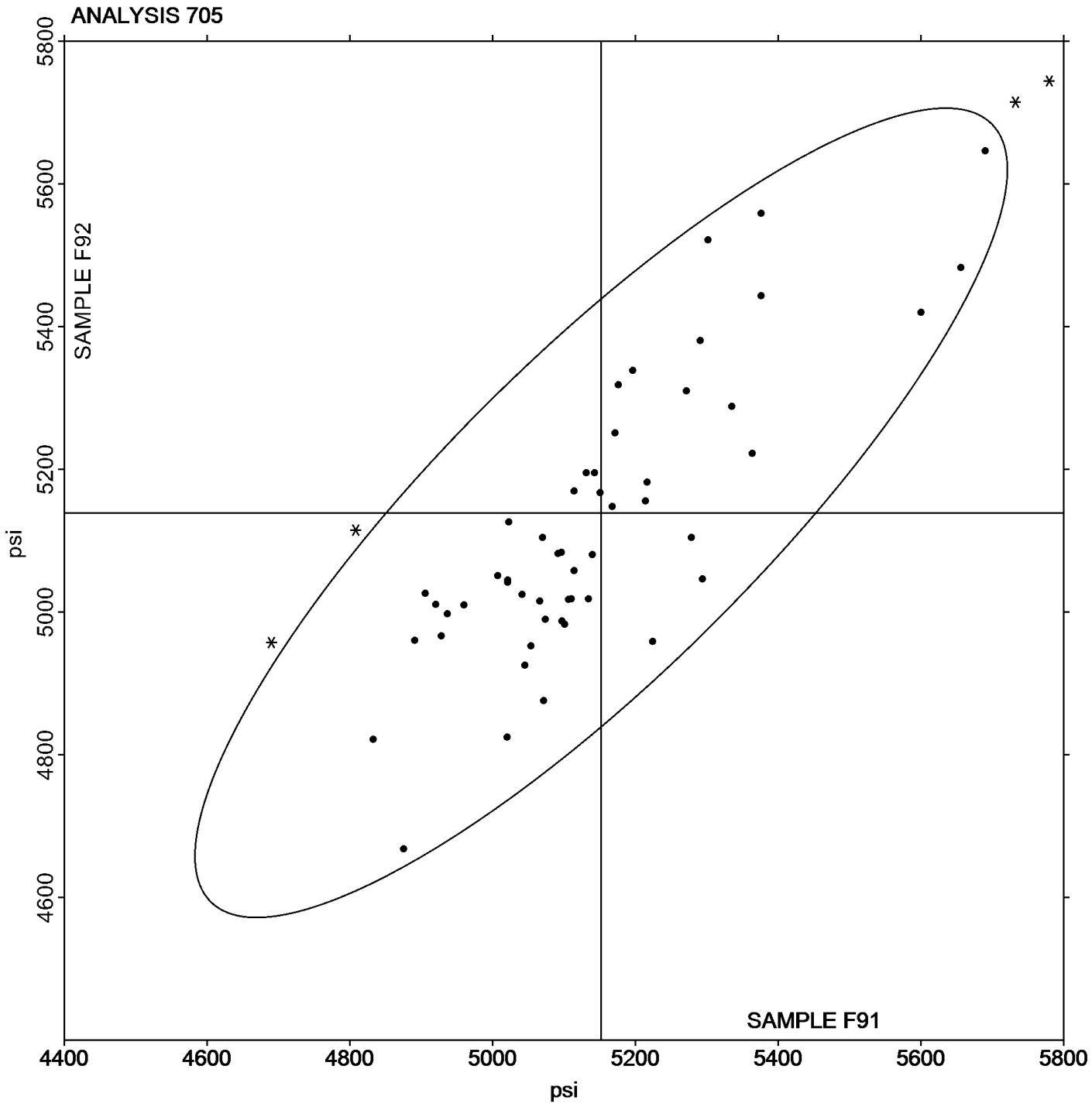
Comments on Assigned Data Flags for Test #705

AHD7QD (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample F92.

KHXR49 (X) - Data for sample F91 are low. Inconsistent within the determinations of both samples.

VYMNR7 (X) - Data for both samples are high. Possible Systematic Error.

Grand Mean Sample F91: 5,152.01 psi Grand Mean Sample F92: 5,139.03 psi



WebCode	Data Flag	Sample F91 Lab Mean	Sample F91 Diff from Grand Mean	Sample F91 CPV	Sample F92 Lab Mean	Sample F92 Diff from Grand Mean	Sample F92 CPV
23TFHE		2.428	-0.013	-0.15	2.426	-0.012	-0.16
2KZLFG		2.418	-0.023	-0.27	2.374	-0.064	-0.82
2PGFKZ		2.416	-0.025	-0.29	2.420	-0.018	-0.23
3VXQ3N		2.484	0.043	0.49	2.484	0.046	0.58
6AXQYU		2.452	0.011	0.12	2.480	0.042	0.53
778J2X		2.282	-0.159	-1.84	2.252	-0.186	-2.38
7NKY88		2.460	0.019	0.22	2.520	0.082	1.04
8JUV92		2.606	0.165	1.90	2.566	0.128	1.63
AHD7QD		2.630	0.189	2.18	2.572	0.134	1.71
B8PYJV		2.282	-0.159	-1.84	2.278	-0.160	-2.05
B9Y7LN		2.454	0.013	0.15	2.458	0.020	0.25
BETEHW		2.518	0.077	0.89	2.538	0.100	1.27
CCWKTQ		2.428	-0.013	-0.15	2.440	0.002	0.02
D846VQ		2.560	0.119	1.37	2.520	0.082	1.04
D9DPQY		2.484	0.043	0.49	2.500	0.062	0.79
DYQNAP	X	3.086	0.645	7.44	2.998	0.560	7.14
E3MPTH		2.500	0.059	0.68	2.500	0.062	0.79
EBV4UY		2.424	-0.017	-0.20	2.436	-0.002	-0.03
EHHL3N		2.426	-0.015	-0.17	2.527	0.089	1.13
F8AYCF		2.470	0.029	0.33	2.456	0.018	0.22
GKV9LL		2.400	-0.041	-0.48	2.400	-0.038	-0.49
GQHTVT		2.498	0.057	0.66	2.464	0.026	0.33
GWUADA		2.398	-0.043	-0.50	2.414	-0.024	-0.31
HNPJZH	*	2.486	0.045	0.52	2.360	-0.078	-1.00
JMMA9J		2.410	-0.031	-0.36	2.440	0.002	0.02
JNQ729		2.392	-0.049	-0.57	2.418	-0.020	-0.26
JVM22T		2.400	-0.041	-0.48	2.418	-0.020	-0.26
KF49H9		2.380	-0.061	-0.71	2.334	-0.104	-1.33
KGNAX3		2.380	-0.061	-0.71	2.412	-0.026	-0.34
KR9LB2		2.402	-0.039	-0.45	2.402	-0.036	-0.46
KWEE4B	X	8.926	6.485	74.83	8.830	6.392	81.60
L7KLE6		2.432	-0.009	-0.11	2.442	0.004	0.05
LDJ7JL		2.400	-0.041	-0.48	2.410	-0.028	-0.36
LK2GQU		2.298	-0.143	-1.65	2.348	-0.090	-1.15
MKC79T	X	1.727	-0.715	-8.25	1.375	-1.063	-13.57

WebCode	Data Flag	Sample F91 Lab Mean	Sample F91 Diff from Grand Mean	Sample F91 CPV	Sample F92 Lab Mean	Sample F92 Diff from Grand Mean	Sample F92 CPV
NFZHL3	X	11.625	9.183	105.97	11.628	9.189	117.32
NHQ9MT	X	3.040	0.599	6.91	2.920	0.482	6.15
NLMZNX		2.572	0.131	1.51	2.478	0.040	0.51
NYN9E8	*	2.233	-0.209	-2.41	2.241	-0.198	-2.53
PHF73X		2.340	-0.101	-1.17	2.358	-0.080	-1.03
PL4DUL		2.390	-0.051	-0.59	2.478	0.040	0.51
PN6LWB		2.460	0.019	0.22	2.472	0.034	0.43
PUXJMM		2.380	-0.061	-0.71	2.338	-0.100	-1.28
QJTQXT		2.376	-0.065	-0.75	2.366	-0.072	-0.92
RURKEH		2.582	0.141	1.62	2.492	0.054	0.68
T2YAEF		2.466	0.025	0.29	2.420	-0.018	-0.23
U8HKKA		2.368	-0.073	-0.84	2.386	-0.052	-0.67
UBMXX4		2.449	0.008	0.09	2.422	-0.016	-0.21
ULMH43		2.556	0.115	1.32	2.544	0.106	1.35
VYMNR7		2.448	0.007	0.08	2.436	-0.002	-0.03
WF6498		2.454	0.013	0.15	2.398	-0.040	-0.52
WVLMZT		2.348	-0.094	-1.08	2.426	-0.012	-0.16
X4CZLT		2.586	0.145	1.67	2.576	0.138	1.76
XDHK8A		2.447	0.006	0.07	2.504	0.066	0.84
ZBJHRW		2.608	0.167	1.92	2.576	0.138	1.76

Summary Statistics

	Sample F91	Sample F92
Grand Means	2.4412 Percent	2.4384 Percent
Stnd Dev Btwn Labs	0.0867 Percent	0.0783 Percent

Statistics based on 50 of 55 reporting participants

Sample F91: ABS & Sample F92: ABS

Comments on Assigned Data Flags for Test #706

NHQ9MT (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample F91.

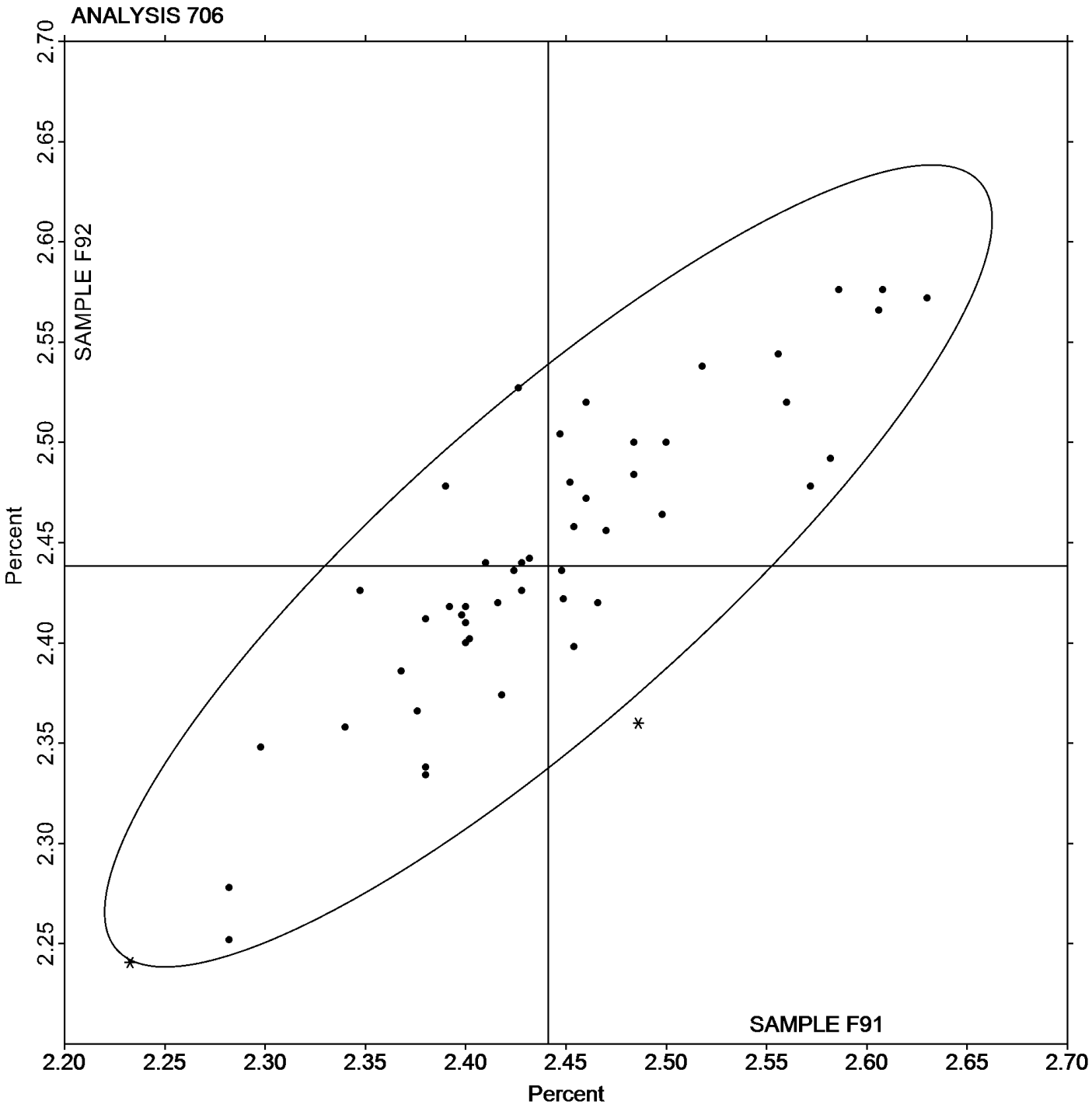
KWEE4B (X) - Extreme data.

DYQNAP (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample F91.

NFZHL3 (X) - Extreme data.

MKC79T (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

Grand Mean Sample F91: 2.4412 Percent Grand Mean Sample F92: 2.4384 Percent



WebCode	Data Flag	Sample F91 Lab Mean	Sample F91 Diff from Grand Mean	Sample F91 CPV	Sample F92 Lab Mean	Sample F92 Diff from Grand Mean	Sample F92 CPV
23TFHE		358.56	6.95	0.36	361.82	11.59	0.66
2KZLFG	*	368.56	16.95	0.87	350.89	0.66	0.04
2PGFKZ	*	397.73	46.12	2.38	398.14	47.90	2.73
3VXQ3N		357.22	5.61	0.29	355.82	5.59	0.32
6AXQYU		357.61	6.00	0.31	353.43	3.20	0.18
778J2X		359.43	7.82	0.40	353.08	2.85	0.16
7NKY88		329.90	-21.71	-1.12	328.22	-22.01	-1.26
8JUV92		320.00	-31.61	-1.63	325.00	-25.23	-1.44
AHD7QD	X	187.78	-163.83	-8.45	188.82	-161.41	-9.21
B8PYJV		375.00	23.39	1.21	378.72	28.49	1.63
B9Y7LN		353.22	1.61	0.08	357.06	6.83	0.39
BETEHW		381.63	30.02	1.55	378.87	28.64	1.63
CCWKTQ		365.88	14.27	0.74	371.71	21.48	1.23
D846VQ		349.83	-1.78	-0.09	351.28	1.05	0.06
D9DPQY		362.70	11.09	0.57	363.14	12.90	0.74
DYQNAP		346.00	-5.61	-0.29	342.20	-8.03	-0.46
E3MPTH		347.51	-4.10	-0.21	349.54	-0.69	-0.04
EHHL3N	X	328.00	-23.61	-1.22	307.40	-42.83	-2.44
F8AYCF		359.26	7.65	0.39	358.50	8.27	0.47
GKV9LL		344.30	-7.31	-0.38	342.94	-7.29	-0.42
GQHTVT		340.06	-11.55	-0.60	338.46	-11.77	-0.67
GWUADA		350.80	-0.81	-0.04	349.40	-0.83	-0.05
HNPJZH	*	299.50	-52.11	-2.69	305.62	-44.61	-2.55
JMMA9J		342.00	-9.61	-0.50	340.62	-9.61	-0.55
JNQ729		345.04	-6.57	-0.34	343.70	-6.54	-0.37
JVM22T	X	351.96	0.35	0.02	378.78	28.55	1.63
KF49H9		350.36	-1.25	-0.06	354.62	4.38	0.25
KGNAX3		369.12	17.51	0.90	360.94	10.71	0.61
KR9LB2		366.58	14.97	0.77	353.76	3.53	0.20
KWEE4B	X	215.48	-136.12	-7.02	262.40	-87.84	-5.01
L7KLE6		355.47	3.86	0.20	355.17	4.94	0.28
LDJ7JL		361.24	9.63	0.50	355.16	4.93	0.28
LK2GQU		389.44	37.83	1.95	378.32	28.09	1.60
NHQ9MT		304.20	-47.41	-2.44	311.40	-38.83	-2.22
NLMZNX	X	324.89	-26.72	-1.38	349.83	-0.40	-0.02

WebCode	Data Flag	Sample F91 Lab Mean	Sample F91 Diff from Grand Mean	Sample F91 CPV	Sample F92 Lab Mean	Sample F92 Diff from Grand Mean	Sample F92 CPV
NYN9E8		359.09	7.48	0.39	351.84	1.60	0.09
PHF73X		357.87	6.26	0.32	357.75	7.52	0.43
PL4DUL		362.86	11.25	0.58	351.60	1.37	0.08
PN6LWB		352.46	0.85	0.04	351.36	1.13	0.06
PUXJMM		364.08	12.47	0.64	364.22	13.99	0.80
QJTQXT		367.92	16.31	0.84	352.94	2.71	0.15
RURKEH		310.00	-41.61	-2.14	314.20	-36.03	-2.06
T2YAEF		353.78	2.17	0.11	346.06	-4.17	-0.24
U8HKKA		354.06	2.45	0.13	354.76	4.53	0.26
UBMXX4		347.78	-3.83	-0.20	350.43	0.20	0.01
ULMH43		332.14	-19.47	-1.00	338.52	-11.71	-0.67
VYMNR7		337.40	-14.21	-0.73	330.00	-20.23	-1.15
WF6498		361.20	9.59	0.49	363.20	12.97	0.74
WVLMZT		351.20	-0.41	-0.02	359.36	9.13	0.52
X4CZLT		326.16	-25.45	-1.31	323.28	-26.95	-1.54
XDHK8A		340.46	-11.15	-0.57	343.92	-6.31	-0.36
ZBJHRW		339.04	-12.57	-0.65	339.98	-10.25	-0.59

Summary Statistics

	Sample F91	Sample F92
Grand Means	351.609 ksi	350.233 ksi
Stnd Dev Btwn Labs	19.398 ksi	17.521 ksi

Statistics based on 47 of 52 reporting participants

Sample F91: ABS & Sample F92: ABS

Comments on Assigned Data Flags for Test #708

JVM22T (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F92.

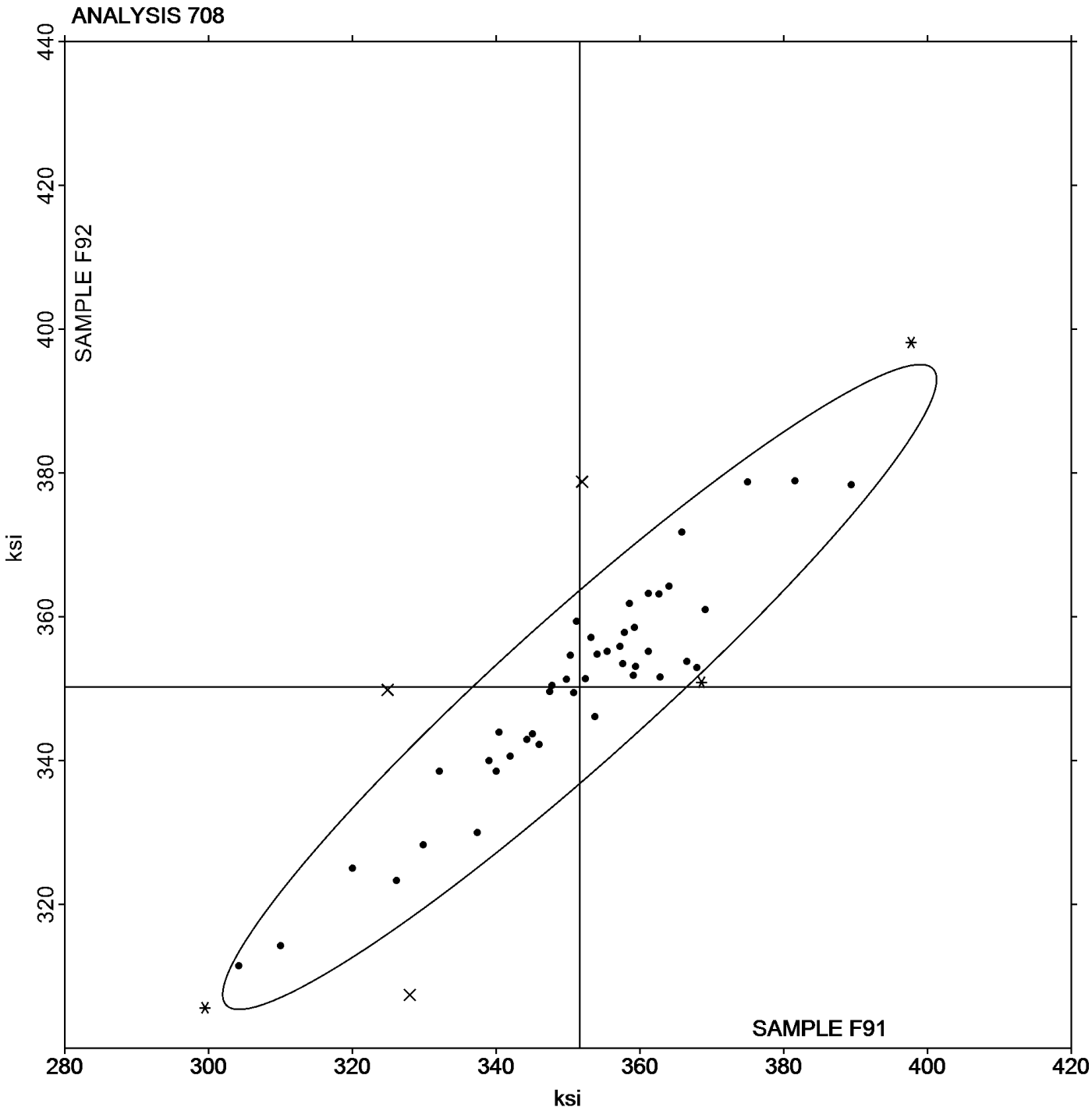
KWEE4B (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample F91.

AHD7QD (X) - Data for both samples are low. Inconsistent within the determinations of sample F92.

NLMZNX (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F92.

EHHL3N (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F92.

Grand Mean Sample F91: 351.61 ksi Grand Mean Sample F92: 350.23 ksi



WebCode	Data Flag	Sample E91 Lab Mean	Sample E91 Diff from Grand Mean	Sample E91 CPV	Sample E92 Lab Mean	Sample E92 Diff from Grand Mean	Sample E92 CPV	Instr Code
3EW7UK		104.00	-1.03	-0.38	102.93	-2.40	-0.87	TO
6AXQYU		107.33	2.29	0.85	107.88	2.55	0.92	ZW
7E7GXU		104.15	-0.88	-0.33	105.45	0.13	0.05	CF
7XHY9Z		102.20	-2.83	-1.05	103.23	-2.10	-0.76	IN
8JUV92	*	113.45	8.42	3.11	114.63	9.30	3.36	DN
9AL2PE		99.95	-5.08	-1.88	99.63	-5.70	-2.06	AT
AHD7QD		105.70	0.67	0.25	106.53	1.20	0.44	IN
B8PYJV		103.48	-1.56	-0.57	104.08	-1.25	-0.45	TO
B9Y7LN		106.20	1.17	0.43	105.90	0.58	0.21	IN
BETEHW		102.50	-2.53	-0.94	102.25	-3.07	-1.11	TO
CCWKTQ		103.60	-1.43	-0.53	105.10	-0.22	-0.08	IN
D846VQ		108.18	3.14	1.16	107.55	2.23	0.81	IN
E3MPTH		108.03	2.99	1.11	107.43	2.11	0.76	AT
EBV4UY		106.80	1.77	0.65	106.55	1.23	0.44	CE
GWUADA		106.28	1.24	0.46	107.28	1.95	0.71	XA
JNQ729		103.38	-1.66	-0.61	103.80	-1.52	-0.55	TY
JVM22T		104.95	-0.08	-0.03	105.58	0.25	0.09	TO
KF49H9		106.25	1.22	0.45	105.78	0.45	0.16	IN
KGNAX3	X	220.58	115.54	42.70	220.75	115.43	41.69	IN
L7KLE6		103.40	-1.63	-0.60	103.55	-1.77	-0.64	TY
PL4DUL		104.18	-0.86	-0.32	103.85	-1.47	-0.53	TO
PN6LWB		104.73	-0.31	-0.11	105.23	-0.10	-0.03	CE
QJTQXT		102.93	-2.11	-0.78	103.25	-2.07	-0.75	CE
RURKEH		106.38	1.34	0.50	106.33	1.00	0.36	XX
RX8LK3		106.25	1.22	0.45	106.45	1.13	0.41	IN
WVLMZT		101.53	-3.51	-1.30	102.83	-2.50	-0.90	TO

Summary Statistics

	Sample E91	Sample E92
Grand Means	105.031 Degrees C	105.320 Degrees C
Stnd Dev Btwn Labs	2.706 Degrees C	2.769 Degrees C

Statistics based on 25 of 26 reporting participants

Sample E91: ABS/PC & Sample E92: ABS/PC

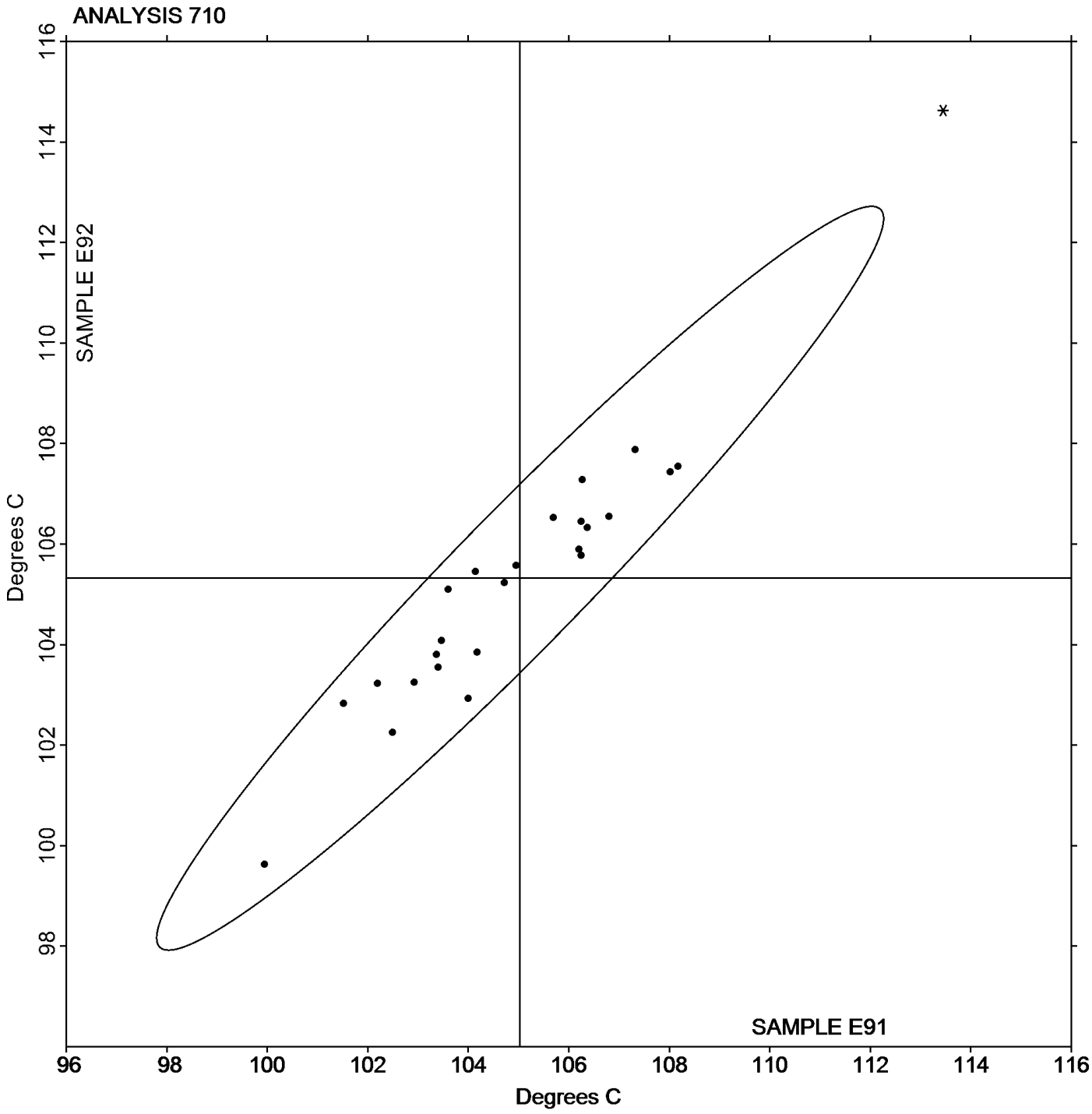
Comments on Assigned Data Flags for Test #710

KGNAX3 (X) - Extreme data.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample E91: 105.03 Degrees C Grand Mean Sample E92: 105.32 Degrees C



WebCode	Data Flag	Sample G91 Lab Mean	Sample G91 Diff from Grand Mean	Sample G91 CPV	Sample G92 Lab Mean	Sample G92 Diff from Grand Mean	Sample G92 CPV	Instr Code
3MRBML		111.3	-1.2	-0.24	110.0	-2.2	-0.35	XX
6AXQYU		108.4	-4.1	-0.79	108.5	-3.7	-0.59	IN
CCWKTQ		108.5	-4.0	-0.77	108.5	-3.6	-0.58	IN
E3MPTH		118.1	5.6	1.08	121.4	9.2	1.47	AT
EBV4UY		112.5	0.0	0.01	113.5	1.3	0.22	IN
HKQGHN		125.0	12.5	2.43	126.2	14.0	2.25	TO
QJTQXT		109.5	-3.0	-0.58	110.2	-1.9	-0.31	CE
UN8CYH		113.3	0.8	0.15	105.4	-6.8	-1.08	IN
WF6498		113.3	0.8	0.15	112.7	0.6	0.09	RR
WVLMZT		107.0	-5.5	-1.06	108.8	-3.4	-0.54	TO
ZGR8M4		110.5	-2.0	-0.38	108.5	-3.7	-0.59	XX

Summary Statistics

	Sample G91	Sample G92
Grand Means	112.48 Degrees C	112.15 Degrees C
Stnd Dev Btwn Labs	5.15 Degrees C	6.24 Degrees C

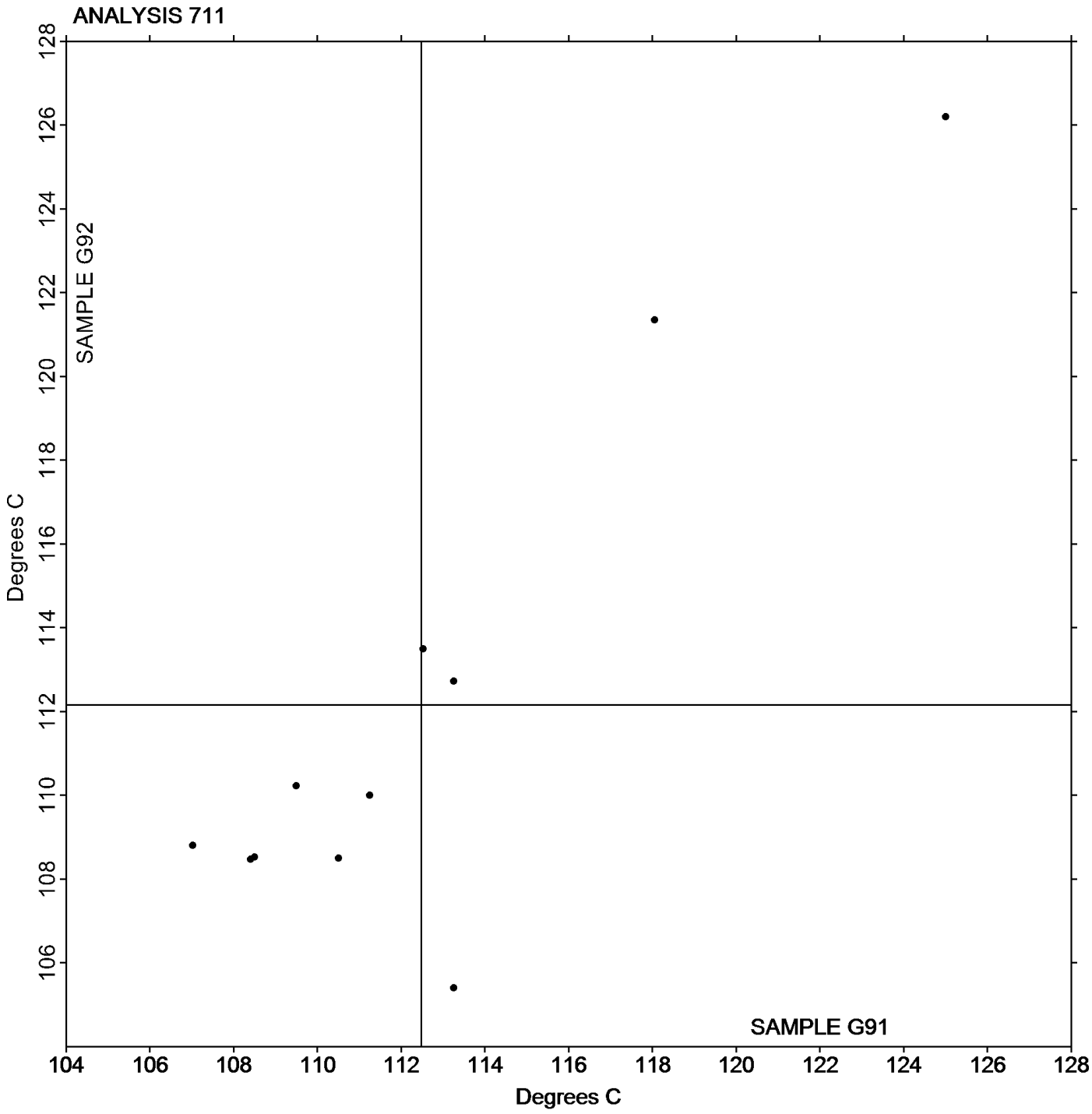
Statistics based on 11 of 11 reporting participants

Sample G91: PP & Sample G92: PP

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample G91: 112.48 Degrees C Grand Mean Sample G92: 112.15 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 N91 Lab Mean	Sample N91 Diff from Grand Mean	Sample N91 CPV	Sample N92 Lab Mean	Sample N92 Diff from Grand Mean	Sample N92 CPV	Instr Code
3MRBML		104.48	-0.16	-0.11	103.35	-1.07	-0.72	XX
6AXQYU		104.45	-0.19	-0.12	104.35	-0.07	-0.04	ZW
7E7GXU		104.35	-0.29	-0.19	104.15	-0.27	-0.18	CF
7FQUE7		105.98	1.34	0.90	105.18	0.76	0.51	XX
7HLF3V		104.15	-0.49	-0.33	104.17	-0.25	-0.17	XX
8WA873		107.50	2.86	1.93	106.93	2.52	1.70	CE
9263MG	X	113.20	8.56	5.77	113.30	8.88	6.01	XX
A96CUZ		101.00	-3.64	-2.45	101.00	-3.42	-2.31	TO
AHD7QD		105.03	0.39	0.26	105.03	0.61	0.41	IN
ANJUB8		103.75	-0.89	-0.60	103.25	-1.17	-0.79	TO
BVGP4Y		104.50	-0.14	-0.09	103.90	-0.52	-0.35	CE
CCWKTQ		102.73	-1.91	-1.29	103.08	-1.34	-0.91	IN
D3HJPW		102.25	-2.39	-1.61	102.18	-2.24	-1.52	CE
E3MPTH		105.58	0.94	0.63	106.35	1.93	1.31	AT
E99APQ		104.47	-0.17	-0.11	103.13	-1.28	-0.87	CE
EBV4UY		105.58	0.94	0.63	106.10	1.68	1.14	IN
JNQ729		105.85	1.21	0.82	105.15	0.73	0.50	TY
JNQJUQ		104.00	-0.64	-0.43	104.00	-0.42	-0.28	TO
JZJPFE		105.50	0.86	0.58	105.25	0.83	0.57	IN
KF49H9		106.68	2.04	1.37	106.80	2.38	1.61	IN
KGNAX3		104.50	-0.14	-0.09	103.18	-1.24	-0.84	IN
KJRDYK		103.43	-1.20	-0.81	103.37	-1.05	-0.71	CE
L7KLE6		105.80	1.16	0.78	105.68	1.26	0.85	TY
LKG789		104.43	-0.21	-0.14	104.10	-0.32	-0.21	TY
M6K3RU		104.80	0.16	0.11	104.88	0.46	0.31	TO
M8LH8R	X	113.13	8.49	5.72	117.15	12.73	8.62	CE
MZBP9A		105.73	1.09	0.73	105.20	0.78	0.53	IN
PHF73X		102.23	-2.41	-1.62	101.75	-2.67	-1.80	CE
PN6LWB		106.55	1.91	1.29	105.83	1.41	0.95	CE
PPGETY		104.00	-0.64	-0.43	104.75	0.33	0.23	TO
QJTQXT		101.55	-3.09	-2.08	101.20	-3.22	-2.18	CE
RKFWKX		103.10	-1.54	-1.03	103.08	-1.34	-0.91	CE
RURKEH		106.90	2.26	1.52	106.25	1.83	1.24	XX
UL3CRB		104.83	0.19	0.13	104.63	0.21	0.14	IN
VLZYME		103.13	-1.51	-1.02	103.75	-0.67	-0.45	TO

WebCode	Data Flag	Sample N91 Lab Mean	Sample N91 Diff from Grand Mean	Sample N91 CPV	Sample N92 Lab Mean	Sample N92 Diff from Grand Mean	Sample N92 CPV	Instr Code
VY7XWL		105.65	1.01	0.68	105.60	1.18	0.80	IN
WTVUCK		105.63	0.99	0.67	105.08	0.66	0.45	XX
XKGU7T		105.20	0.56	0.38	105.53	1.11	0.75	TO
YZTVD3		104.43	-0.21	-0.14	104.38	-0.04	-0.03	TO
ZGR8M4		106.50	1.86	1.26	106.25	1.83	1.24	XX

Summary Statistics

	Sample N91	Sample N92
Grand Means	104.635 Degrees C	104.415 Degrees C
Stnd Dev Btwn Labs	1.485 Degrees C	1.477 Degrees C

Statistics based on 38 of 40 reporting participants

Sample N91: ABS/PC & Sample N92: ABS/PC

Comments on Assigned Data Flags for Test #712

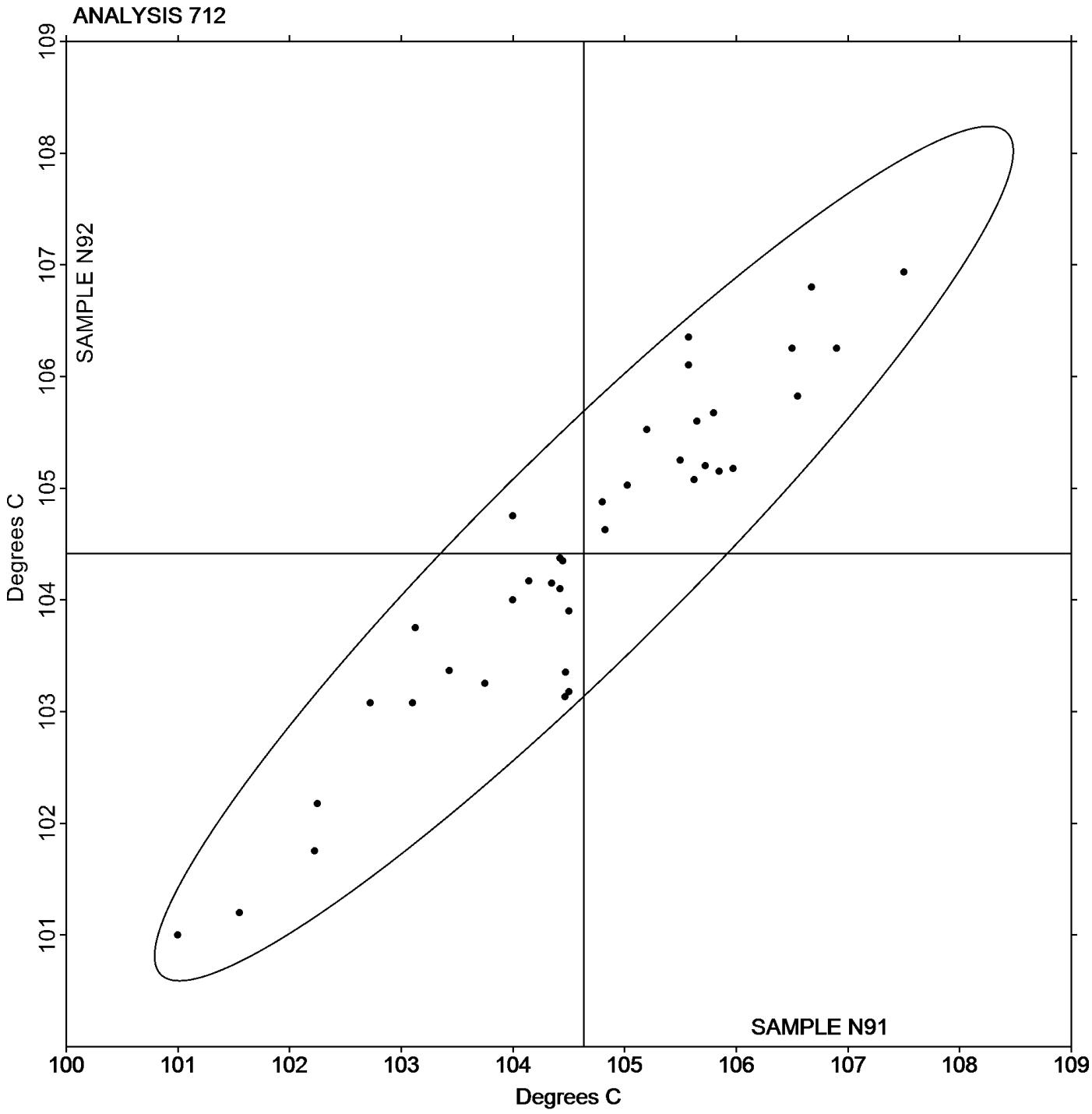
M8LH8R (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

9263MG (X) - Data for both samples are high. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample N91: 104.64 Degrees C Grand Mean Sample N92: 104.42 Degrees C



WebCode	Data Flag	Sample H91 Lab Mean	Sample H91 Diff from Grand Mean	Sample H91 CPV	Sample H92 Lab Mean	Sample H92 Diff from Grand Mean	Sample H92 CPV	Instr Code
6AXQYU		104.40	1.36	1.27	104.45	1.38	1.27	CF
7E7GXU		104.00	0.96	0.89	104.07	1.00	0.92	CF
9AL2PE		102.57	-0.47	-0.44	102.45	-0.62	-0.57	AT
AHD7QD		103.47	0.43	0.40	103.43	0.37	0.34	IN
AQ7LRY		102.91	-0.12	-0.12	102.90	-0.17	-0.15	CE
AVH3AF		102.62	-0.42	-0.39	102.70	-0.37	-0.34	IN
B8PYJV	*	99.78	-3.25	-3.03	99.83	-3.23	-2.98	TO
BETEHW		103.00	-0.04	-0.04	103.00	-0.07	-0.06	TO
BVGP4Y		103.62	0.58	0.54	103.68	0.62	0.57	CE
CCWKTQ		102.95	-0.09	-0.08	103.13	0.07	0.06	TO
E3MPTH		103.05	0.01	0.01	103.10	0.03	0.03	AT
F2LEBK		100.55	-2.49	-2.31	100.53	-2.53	-2.33	CE
GCKCRT		103.72	0.68	0.63	103.82	0.75	0.69	CE
JNQ729		102.88	-0.15	-0.14	102.85	-0.22	-0.20	CF
KF49H9	X	104.62	1.58	1.47	103.80	0.73	0.68	IN
MZBP9A		103.13	0.10	0.09	103.10	0.03	0.03	IN
PHF73X		104.15	1.11	1.03	104.07	1.00	0.92	CE
PN6LWB		104.02	0.98	0.91	104.12	1.05	0.97	CE
QJTQXT		103.10	0.06	0.06	103.18	0.12	0.11	CE
RKFWKX		104.38	1.35	1.25	104.48	1.42	1.30	CF
RURKEH		102.40	-0.64	-0.59	102.50	-0.57	-0.52	XX
RX8LK3		103.23	0.20	0.18	103.22	0.15	0.14	IN
UZ4Y4X		102.93	-0.10	-0.10	102.92	-0.15	-0.14	XX
YZTVD3		103.02	-0.02	-0.02	103.00	-0.07	-0.06	TO

Summary Statistics

	Sample H91	Sample H92
Grand Means	103.038 Degrees C	103.067 Degrees C
Stnd Dev Btwn Labs	1.076 Degrees C	1.086 Degrees C

Statistics based on 23 of 24 reporting participants

Sample H91: ABS & Sample H92: ABS

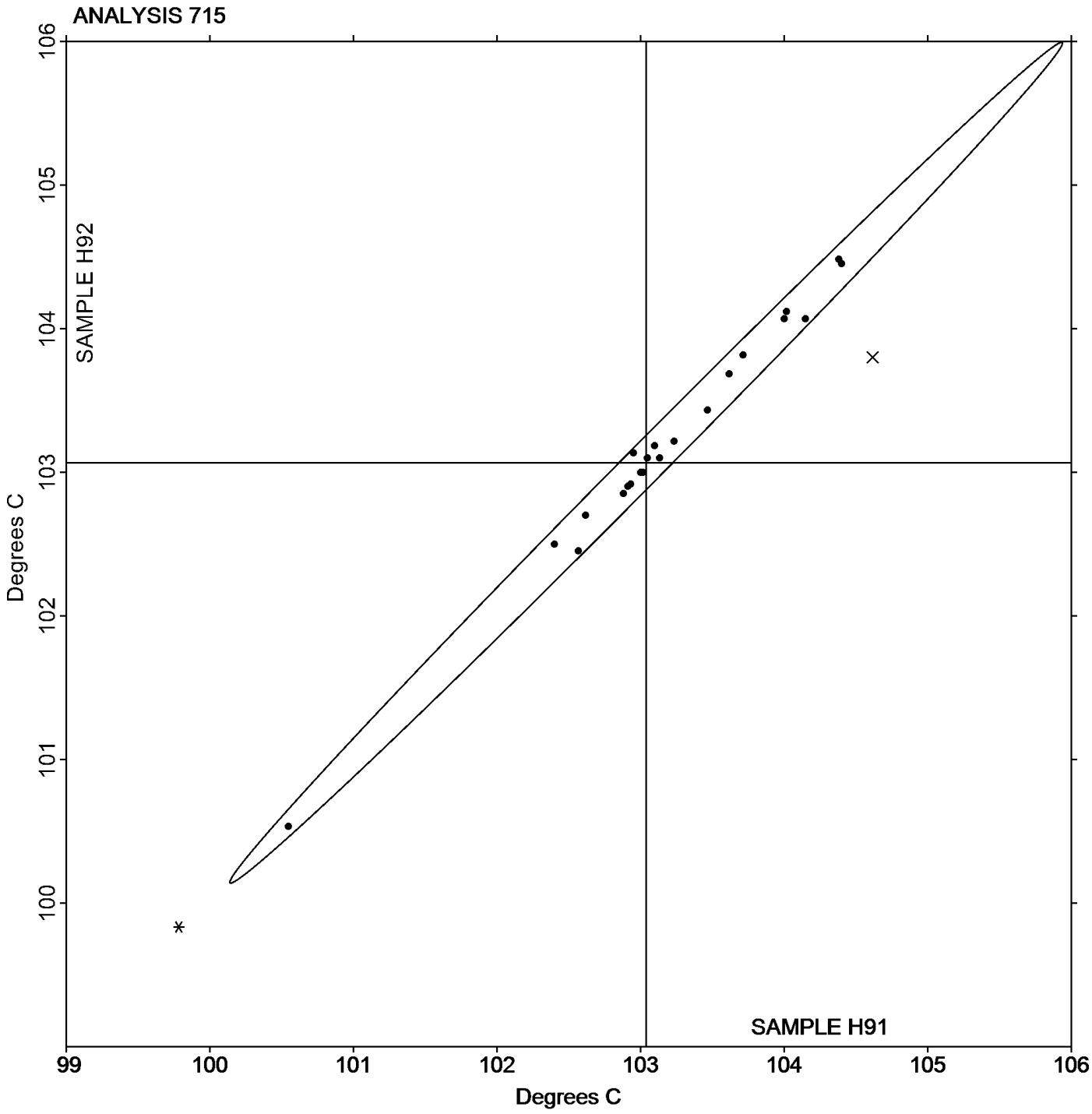
Comments on Assigned Data Flags for Test #715

KF49H9 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample H92.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample H91: 103.04 Degrees C Grand Mean Sample H92: 103.07 Degrees C



WebCode	Data Flag	Sample R91 Lab Mean	Sample R91 Diff from Grand Mean	Sample R91 CPV	Sample R92 Lab Mean	Sample R92 Diff from Grand Mean	Sample R92 CPV	Instr Code
6AXQYU		105.47	0.47	0.31	105.70	0.78	0.49	CF
7E7GXU		106.30	1.30	0.87	106.40	1.48	0.93	CF
9AL2PE		104.63	-0.36	-0.24	104.57	-0.35	-0.22	AT
A96CUZ	*	103.00	-2.00	-1.33	102.00	-2.92	-1.82	TO
AHD7QD		105.13	0.14	0.09	105.00	0.08	0.05	IN
AQ7LRY		104.42	-0.58	-0.38	104.62	-0.30	-0.19	CE
AVH3AF		104.72	-0.28	-0.19	104.42	-0.50	-0.31	IN
B8PYJV		102.22	-2.78	-1.85	102.15	-2.77	-1.73	TO
BETEHW		104.67	-0.33	-0.22	104.67	-0.25	-0.16	TO
BVGP4Y		105.15	0.15	0.10	105.08	0.17	0.10	CE
CCWKTQ		104.45	-0.55	-0.36	104.62	-0.30	-0.19	TO
E3MPTH		105.33	0.34	0.22	105.38	0.47	0.29	AT
F2LEBK	*	100.67	-4.33	-2.89	100.68	-4.23	-2.64	CE
JNQ729		105.20	0.20	0.13	105.20	0.28	0.18	CF
KF49H9		106.47	1.47	0.98	106.48	1.57	0.98	IN
MZBP9A		105.38	0.39	0.26	105.32	0.40	0.25	IN
PHF73X		106.55	1.55	1.03	106.62	1.70	1.06	CE
PN6LWB		106.02	1.02	0.68	106.07	1.15	0.72	CE
RKFWKX		105.30	0.30	0.20	105.62	0.70	0.44	CF
RURKEH	*	104.45	-0.55	-0.36	103.52	-1.40	-0.87	XX
RX8LK3		105.45	0.45	0.30	105.42	0.50	0.31	IN
T2YAEF		108.42	3.42	2.28	108.33	3.42	2.13	CE
UMH29P		105.48	0.49	0.32	105.12	0.20	0.13	CS
YZTVD3		105.07	0.07	0.05	105.00	0.08	0.05	TO

Summary Statistics

	Sample R91	Sample R92
Grand Means	104.997 Degrees C	104.915 Degrees C
Stnd Dev Btwn Labs	1.501 Degrees C	1.603 Degrees C

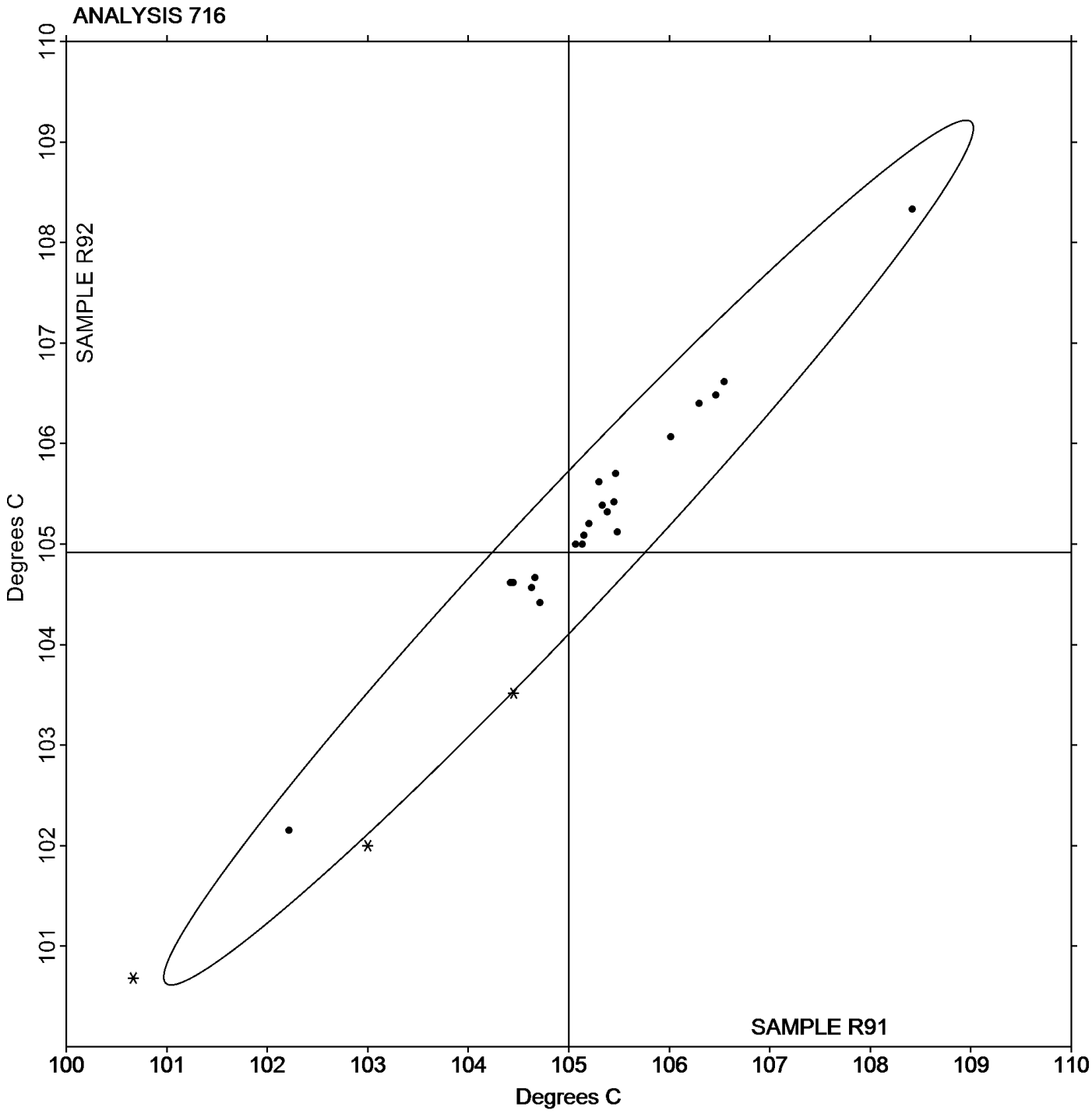
Statistics based on 24 of 24 reporting participants

Sample R91: ABS & Sample R92: ABS

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample R91: 105.00 Degrees C Grand Mean Sample R92: 104.92 Degrees C



WebCode	Data Flag	Sample T91 Lab Mean	Sample T91 Diff from Grand Mean	Sample T91 CPV	Sample T92 Lab Mean	Sample T92 Diff from Grand Mean	Sample T92 CPV
2KZLFG		1.02867	-0.00097	-0.49	1.02967	-0.00011	-0.06
3AWRFP		1.02567	-0.00397	-2.01	1.02633	-0.00344	-1.82
3K363P		1.03167	0.00203	1.02	1.03100	0.00123	0.65
3MRBML		1.02967	0.00003	0.01	1.03100	0.00123	0.65
48X2HV		1.03177	0.00213	1.07	1.03080	0.00103	0.54
4CP93P		1.02867	-0.00097	-0.49	1.02867	-0.00111	-0.59
6AXQYU		1.03110	0.00146	0.74	1.03110	0.00133	0.70
6GE8R4		1.02750	-0.00214	-1.08	1.02883	-0.00094	-0.50
7E7GXU		1.02500	-0.00464	-2.34	1.02600	-0.00377	-2.00
7HLF3V		1.02733	-0.00231	-1.16	1.02767	-0.00211	-1.12
7VU2PU		1.03210	0.00246	1.24	1.03220	0.00243	1.29
7XHY9Z	X	1.03707	0.00743	3.75	1.03653	0.00676	3.58
8CADNJ		1.03123	0.00159	0.80	1.03179	0.00202	1.07
8JUV92	X	1.02900	-0.00064	-0.32	1.03300	0.00323	1.71
8N468X		1.02923	-0.00041	-0.21	1.02920	-0.00057	-0.30
8NAG29		1.02931	-0.00033	-0.17	1.02955	-0.00023	-0.12
8NLPW8		1.03000	0.00036	0.18	1.03000	0.00023	0.12
8WA873		1.02700	-0.00264	-1.33	1.02733	-0.00244	-1.29
8ZM47K		1.03193	0.00229	1.16	1.03197	0.00219	1.16
9263MG	X	1.02353	-0.00611	-3.08	1.02297	-0.00681	-3.61
9A6GRG		1.02980	0.00016	0.08	1.03037	0.00059	0.31
9AL2PE		1.03197	0.00233	1.17	1.03193	0.00216	1.14
A8UMBN		1.03150	0.00186	0.94	1.03070	0.00093	0.49
ANJUB8		1.02833	-0.00131	-0.66	1.02900	-0.00077	-0.41
AYYUEB		1.03167	0.00203	1.02	1.03133	0.00156	0.83
B9Y7LN	X	1.02487	-0.00477	-2.41	1.02090	-0.00887	-4.70
BVGP4Y		1.02800	-0.00164	-0.83	1.02717	-0.00261	-1.38
CCWKTQ		1.02883	-0.00081	-0.41	1.02887	-0.00091	-0.48
D4Y89H		1.03057	0.00093	0.47	1.03030	0.00053	0.28
D846VQ		1.03023	0.00059	0.30	1.02947	-0.00031	-0.16
D9DPQY		1.03193	0.00229	1.16	1.03107	0.00129	0.69
DC7JYE		1.03030	0.00066	0.33	1.02973	-0.00004	-0.02
DVPM87		1.02867	-0.00097	-0.49	1.02833	-0.00144	-0.76
E3MPTH		1.02997	0.00033	0.16	1.02937	-0.00041	-0.21
E99APQ		1.02940	-0.00024	-0.12	1.03167	0.00189	1.00

WebCode	Data Flag	Sample T91 Lab Mean	Sample T91 Diff from Grand Mean	Sample T91 CPV	Sample T92 Lab Mean	Sample T92 Diff from Grand Mean	Sample T92 CPV
EBV4UY		1.02853	-0.00111	-0.56	1.02780	-0.00197	-1.05
EU9QF8		1.03300	0.00336	1.70	1.03310	0.00333	1.76
EWF42E		1.02933	-0.00031	-0.15	1.03067	0.00089	0.47
GWUADA		1.02933	-0.00031	-0.15	1.02970	-0.00007	-0.04
HKQGHN		1.03190	0.00226	1.14	1.03293	0.00316	1.67
JJVBJA		1.03050	0.00086	0.43	1.03080	0.00103	0.54
JNQ729		1.03100	0.00136	0.69	1.03000	0.00023	0.12
JVM22T		1.03247	0.00283	1.43	1.03213	0.00236	1.25
JZJPFE	*	1.02963	-0.00001	0.00	1.02727	-0.00251	-1.33
K9NMT4		1.03013	0.00049	0.25	1.03110	0.00133	0.70
KF49H9		1.02867	-0.00097	-0.49	1.03003	0.00026	0.14
KGNAX3	X	1.04000	0.01036	5.23	1.03000	0.00023	0.12
KJRDYK		1.03060	0.00096	0.48	1.02910	-0.00067	-0.36
LDJ7JL		1.02533	-0.00431	-2.17	1.02570	-0.00407	-2.16
LK2GQU		1.03103	0.00139	0.70	1.02913	-0.00064	-0.34
M96V2B		1.02907	-0.00057	-0.29	1.02917	-0.00061	-0.32
MAEXRF	X	1.02497	-0.00467	-2.36	1.02817	-0.00161	-0.85
MM3WK4		1.02980	0.00016	0.08	1.03083	0.00106	0.56
MZBP9A		1.03229	0.00265	1.34	1.03160	0.00183	0.97
N6GAH8		1.02933	-0.00031	-0.15	1.03063	0.00086	0.46
NL6K6A		1.02900	-0.00064	-0.32	1.02900	-0.00077	-0.41
NLMZNX	X	1.71733	0.68769	347.06	1.65767	0.62789	332.70
PCGDFX		1.02880	-0.00084	-0.42	1.02850	-0.00127	-0.67
PHF73X		1.02700	-0.00264	-1.33	1.02833	-0.00144	-0.76
PL4DUL		1.02867	-0.00097	-0.49	1.02833	-0.00144	-0.76
PN6LWB		1.03000	0.00036	0.18	1.03000	0.00023	0.12
Q2AZUN		1.03013	0.00049	0.25	1.03083	0.00106	0.56
QJTQXT		1.03033	0.00069	0.35	1.03133	0.00156	0.83
QMTTAV		1.02873	-0.00091	-0.46	1.03057	0.00079	0.42
QURVGT		1.03000	0.00036	0.18	1.03010	0.00033	0.17
RQHTNN		1.02923	-0.00041	-0.21	1.03050	0.00073	0.39
RURKEH		1.03233	0.00269	1.36	1.03067	0.00089	0.47
T2YAEF		1.03037	0.00073	0.37	1.03117	0.00139	0.74
T7MHFF		1.02920	-0.00044	-0.22	1.02917	-0.00061	-0.32
U3QP63	*	1.02403	-0.00561	-2.83	1.02540	-0.00437	-2.32

WebCode	Data Flag	Sample T91 Lab Mean	Sample T91 Diff from Grand Mean	Sample T91 CPV	Sample T92 Lab Mean	Sample T92 Diff from Grand Mean	Sample T92 CPV
UCCQLC		1.03067	0.00103	0.52	1.03067	0.00089	0.47
UJG3Q6		1.03140	0.00176	0.89	1.03233	0.00256	1.36
UL3CRB		1.03183	0.00219	1.11	1.03147	0.00169	0.90
ULMH43		1.02800	-0.00164	-0.83	1.02833	-0.00144	-0.76
VLZYME	*	1.02880	-0.00084	-0.42	1.03157	0.00179	0.95
VP2GTG	M	1.03303	0.00339	1.71	No data reported for this sample		
VY7XWL	*	1.02417	-0.00547	-2.76	1.02427	-0.00551	-2.92
WVLMZT		1.03003	0.00039	0.20	1.02983	0.00006	0.03
WVLZN4	*	1.02633	-0.00331	-1.67	1.02533	-0.00444	-2.35
XJGA72		1.03087	0.00123	0.62	1.03020	0.00043	0.23
XVZBT8		1.03153	0.00189	0.96	1.03153	0.00176	0.93
XZRE3Y		1.03290	0.00326	1.65	1.03200	0.00223	1.18
YGWATB		1.02620	-0.00344	-1.74	1.02593	-0.00384	-2.03
YZTVD3		1.03077	0.00113	0.57	1.03033	0.00056	0.30
ZGR8M4		1.03000	0.00036	0.18	1.03067	0.00089	0.47

Summary Statistics

	Sample T91	Sample T92
Grand Means	1.029640 sp gr 23/23 C	1.029772 sp gr 23/23 C
Stnd Dev Btwn Labs	0.001981 sp gr 23/23 C	0.001887 sp gr 23/23 C

Statistics based on 77 of 85 reporting participants

Sample T91: ABS & Sample T92: ABS

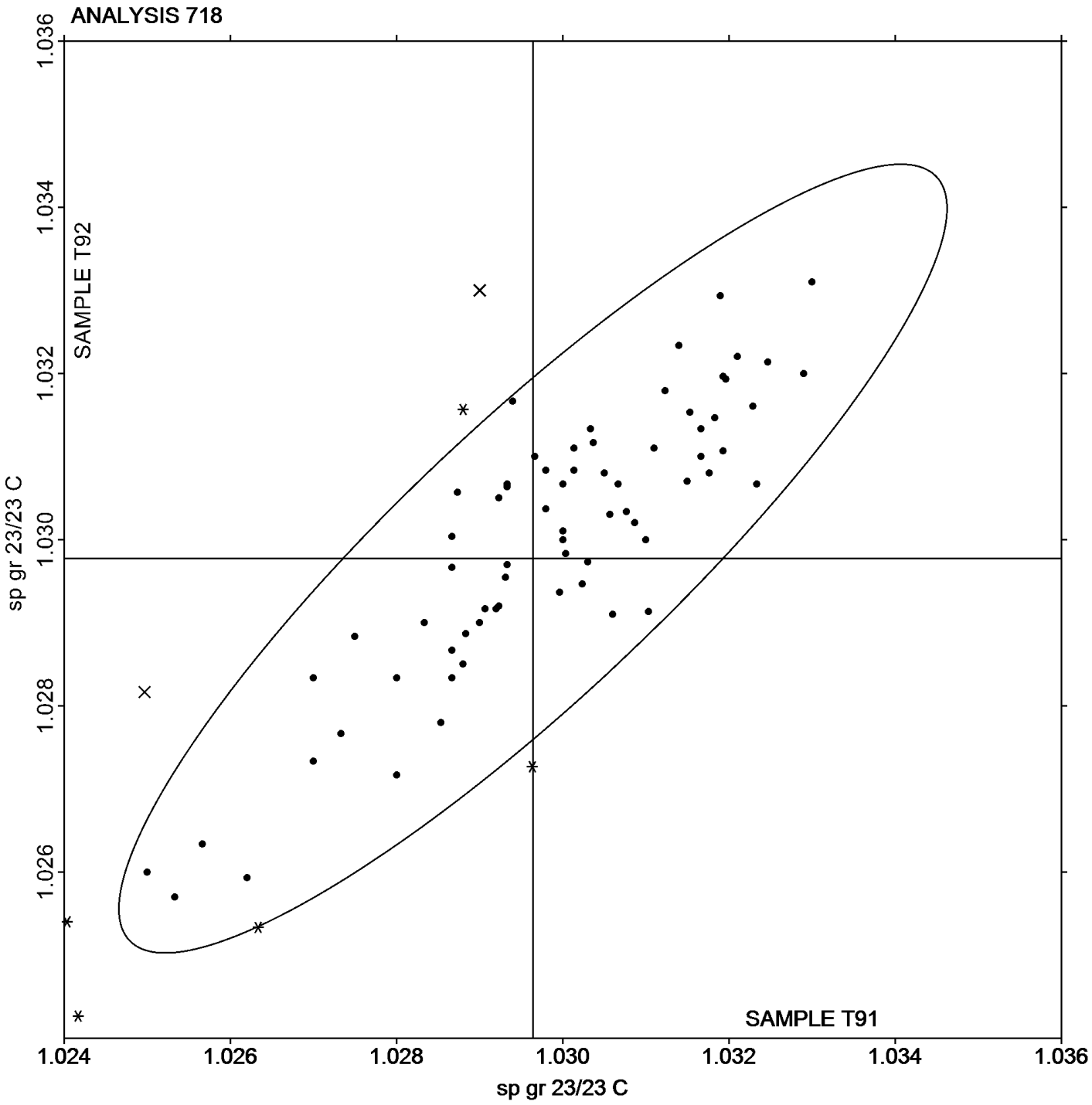
Comments on Assigned Data Flags for Test #718

MAEXRF (X) - Inconsistent in testing between samples.
7XHY9Z (X) - Data for both samples are high. Possible Systematic Error.
KGNAX3 (X) - Data for sample T91 are high. Inconsistent within the determinations of sample T91.
NLMZNX (X) - Extreme data.
B9Y7LN (X) - Data for sample T92 are low.
8JUV92 (X) - Inconsistent in testing between samples.
VP2GTG (M) - Participant did not submit data for sample T92.
9263MG (X) - Data for both samples are low. Possible Systematic Error.

Results by Methodology (as reported by laboratory)

	Sample T91 *ABS*			Sample T92 *ABS*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
ASTM D792 Method A (water)	1.029934	0.001754	0.000	1.030062	0.001652	0.000	59/65
ASTM D792 Method B (not water)	1.028500	0.000707	-0.001	1.028083	0.001296	-0.002	2/3
ISO 1183	1.029130	0.002343	-0.001	1.029255	0.002365	-0.001	14/15

Grand Mean Sample T91: 1.0296 sp gr 23/23 C Grand Mean Sample T92: 1.0298 sp gr 23/23 C



WebCode	Data Flag	Sample J91 Lab Mean	Sample J91 Diff from Grand Mean	Sample J91 CPV	Sample J92 Lab Mean	Sample J92 Diff from Grand Mean	Sample J92 CPV
3K363P		340.3	-1.2	-0.08	340.2	-3.4	-0.21
3MRBML		344.3	2.8	0.19	346.6	3.1	0.20
3VXQ3N	X	316.6	-25.0	-1.68	302.3	-41.3	-2.64
6AXQYU		352.7	11.2	0.75	356.8	13.2	0.84
7E7GXU		314.0	-27.6	-1.85	315.0	-28.6	-1.83
7NKY88		347.0	5.5	0.37	345.6	2.0	0.13
7XHY9Z	X	321.5	-20.0	-1.34	309.7	-33.9	-2.17
8JUV92	X	265.4	-76.2	-5.11	271.0	-72.6	-4.64
92PZWL		332.0	-9.6	-0.64	334.1	-9.4	-0.60
AHD7QD		342.0	0.5	0.03	340.3	-3.2	-0.21
B9Y7LN		329.6	-12.0	-0.80	330.3	-13.3	-0.85
BETEHW	X	415.8	74.2	4.98	427.0	83.4	5.33
BW7KJY		354.1	12.6	0.84	348.4	4.9	0.31
CCWKTQ		365.6	24.1	1.61	365.9	22.4	1.43
D846VQ		335.4	-6.1	-0.41	336.2	-7.4	-0.47
D9DPQY		340.4	-1.2	-0.08	345.4	1.8	0.12
DYQNAP		346.8	5.2	0.35	348.2	4.6	0.29
E3MPTH		335.1	-6.4	-0.43	335.6	-7.9	-0.51
EBV4UY		362.2	20.7	1.39	365.5	21.9	1.40
EHHL3N		320.6	-20.9	-1.40	324.5	-19.1	-1.22
GKV9LL		351.9	10.3	0.69	351.5	7.9	0.51
GWUADA		363.4	21.8	1.47	362.8	19.2	1.23
HKQGHN		337.1	-4.5	-0.30	344.9	1.3	0.08
JMMA9J		338.9	-2.6	-0.18	336.0	-7.6	-0.48
JNQ729		322.0	-19.6	-1.32	323.8	-19.8	-1.27
JVM22T		344.3	2.8	0.19	348.0	4.4	0.28
KF49H9		332.0	-9.5	-0.64	334.1	-9.5	-0.61
KGNAX3		346.0	4.5	0.30	346.3	2.7	0.17
KHXR49		337.9	-3.7	-0.25	341.2	-2.4	-0.15
KR9LB2		348.4	6.8	0.46	343.5	0.0	0.00
KWEE4B	X	833.6	492.0	33.03	318.7	-24.9	-1.59
LDJ7JL	*	371.1	29.5	1.98	379.7	36.1	2.31
LK2GQU		329.2	-12.4	-0.83	331.2	-12.3	-0.79
MVXZNZ		372.7	31.2	2.09	379.1	35.6	2.27
N6GAH8		317.4	-24.2	-1.62	319.0	-24.6	-1.57

WebCode	Data Flag	Sample J91 Lab Mean	Sample J91 Diff from Grand Mean	Sample J91 CPV	Sample J92 Lab Mean	Sample J92 Diff from Grand Mean	Sample J92 CPV
N6ZLA7		320.0	-21.6	-1.45	322.2	-21.4	-1.37
PHF73X		308.2	-33.4	-2.24	309.2	-34.4	-2.20
PL4DUL		352.6	11.0	0.74	356.9	13.3	0.85
PN6LWB		342.5	1.0	0.06	346.5	2.9	0.19
RURKEH		356.6	15.0	1.01	358.6	15.0	0.96
RX8LK3		342.0	0.4	0.03	342.8	-0.8	-0.05
TQGM9K		342.0	0.4	0.03	347.8	4.2	0.27
UCCQLC		337.6	-4.0	-0.27	342.6	-1.0	-0.06
VE3PLB		342.3	0.7	0.05	348.4	4.8	0.31
WF6498		351.6	10.0	0.67	359.0	15.4	0.98
WVLMZT		356.1	14.5	0.97	353.3	9.7	0.62
WZB8Y3		317.9	-23.7	-1.59	313.9	-29.6	-1.89
ZBJHRW		349.4	7.8	0.53	353.6	10.0	0.64
ZGR8M4		335.0	-6.5	-0.44	342.9	-0.7	-0.05

Summary Statistics

	Sample J91	Sample J92
Grand Means	341.55 ksi	343.58 ksi
Stnd Dev Btwn Labs	14.90 ksi	15.66 ksi

Statistics based on 44 of 49 reporting participants

Sample J91: ABS/PC & Sample J92: ABS/PC

Comments on Assigned Data Flags for Test #720

BETEHW (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample J91.

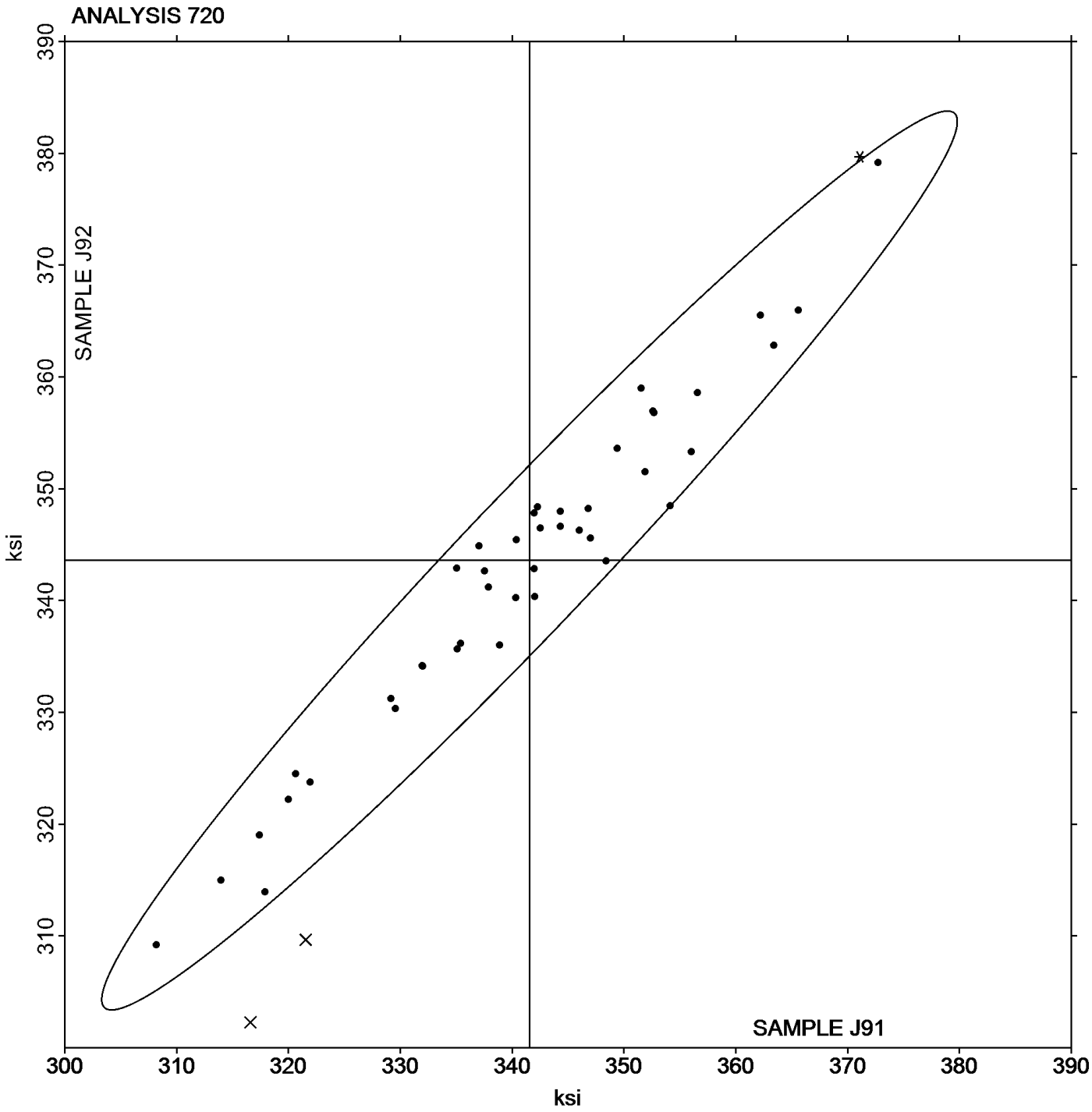
7XHY9Z (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

KWEE4B (X) - Data for sample J91 are high. Inconsistent within the determinations of sample J91.

8JUV92 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample J91.

3VXQ3N (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample J92.

Grand Mean Sample J91: 341.55 ksi Grand Mean Sample J92: 343.58 ksi



WebCode	Data Flag	Sample J91 Lab Mean	Sample J91 Diff from Grand Mean	Sample J91 CPV	Sample J92 Lab Mean	Sample J92 Diff from Grand Mean	Sample J92 CPV
3K363P		11,805	213	0.43	11,740	103	0.21
3VXQ3N		10,957	-635	-1.27	10,868	-768	-1.55
6AXQYU		11,957	366	0.73	12,001	364	0.73
7E7GXU		12,482	891	1.79	12,435	798	1.61
7NKY88		11,801	209	0.42	11,821	185	0.37
7XHY9Z		11,638	46	0.09	11,614	-23	-0.05
8JUV92		11,020	-571	-1.15	11,180	-457	-0.92
92PZWL		10,847	-744	-1.49	10,857	-780	-1.57
AHD7QD		11,863	272	0.54	11,779	142	0.29
B9Y7LN		11,470	-122	-0.24	11,536	-101	-0.20
BETEHW	X	13,489	1,897	3.80	13,721	2,084	4.20
BW7KJY		12,314	722	1.45	12,382	746	1.50
CCWKTQ		11,970	378	0.76	11,980	343	0.69
D9DPQY		11,340	-251	-0.50	11,400	-237	-0.48
DYQNAP		11,940	349	0.70	12,000	363	0.73
E3MPTH		12,180	588	1.18	12,120	484	0.97
EHHL3N		10,726	-865	-1.74	10,880	-757	-1.52
GKV9LL		11,284	-308	-0.62	11,296	-341	-0.69
GWUADA		12,598	1,007	2.02	12,568	931	1.87
HKQGHN		11,482	-109	-0.22	11,552	-85	-0.17
JMMA9J		11,114	-477	-0.96	11,139	-497	-1.00
JNQ729		11,388	-203	-0.41	11,499	-138	-0.28
JVM22T		11,170	-421	-0.84	11,187	-450	-0.91
KF49H9		11,130	-461	-0.93	11,228	-409	-0.82
KGNAX3	X	11,309	-282	-0.57	10,953	-684	-1.38
KHXR49		11,838	247	0.49	11,928	291	0.59
KR9LB2		11,193	-398	-0.80	11,181	-456	-0.92
KWEE4B	X	8,292	-3,300	-6.62	11,055	-582	-1.17
LDJ7JL		12,003	411	0.82	12,148	511	1.03
LK2GQU		11,584	-7	-0.01	11,662	25	0.05
MVXZNZ		12,297	705	1.41	12,417	780	1.57
N6GAH8		10,934	-658	-1.32	11,077	-560	-1.13
N6ZLA7		10,911	-680	-1.36	10,834	-802	-1.62
PHF73X		11,178	-413	-0.83	11,207	-430	-0.87
PL4DUL		11,751	160	0.32	11,881	244	0.49

WebCode	Data Flag	Sample J91 Lab Mean	Sample J91 Diff from Grand Mean	Sample J91 CPV	Sample J92 Lab Mean	Sample J92 Diff from Grand Mean	Sample J92 CPV
PN6LWB		12,196	604	1.21	12,270	633	1.27
QJAE7V		11,407	-184	-0.37	11,419	-218	-0.44
RURKEH		12,163	571	1.15	12,269	632	1.27
TQGM9K		11,517	-74	-0.15	11,714	77	0.16
VE3PLB		11,604	13	0.03	11,732	95	0.19
WVLMZT		12,064	473	0.95	12,052	415	0.84
WZB8Y3		10,952	-640	-1.28	10,981	-656	-1.32
ZBJHRW	X	11,954	362	0.73	12,380	743	1.50

Summary Statistics

	Sample J91	Sample J92
Grand Means	11,591.5 psi	11,636.8 psi
Stnd Dev Btwn Labs	498.8 psi	496.7 psi

Statistics based on 39 of 43 reporting participants

Sample J91: ABS/PC & Sample J92: ABS/PC

Comments on Assigned Data Flags for Test #721

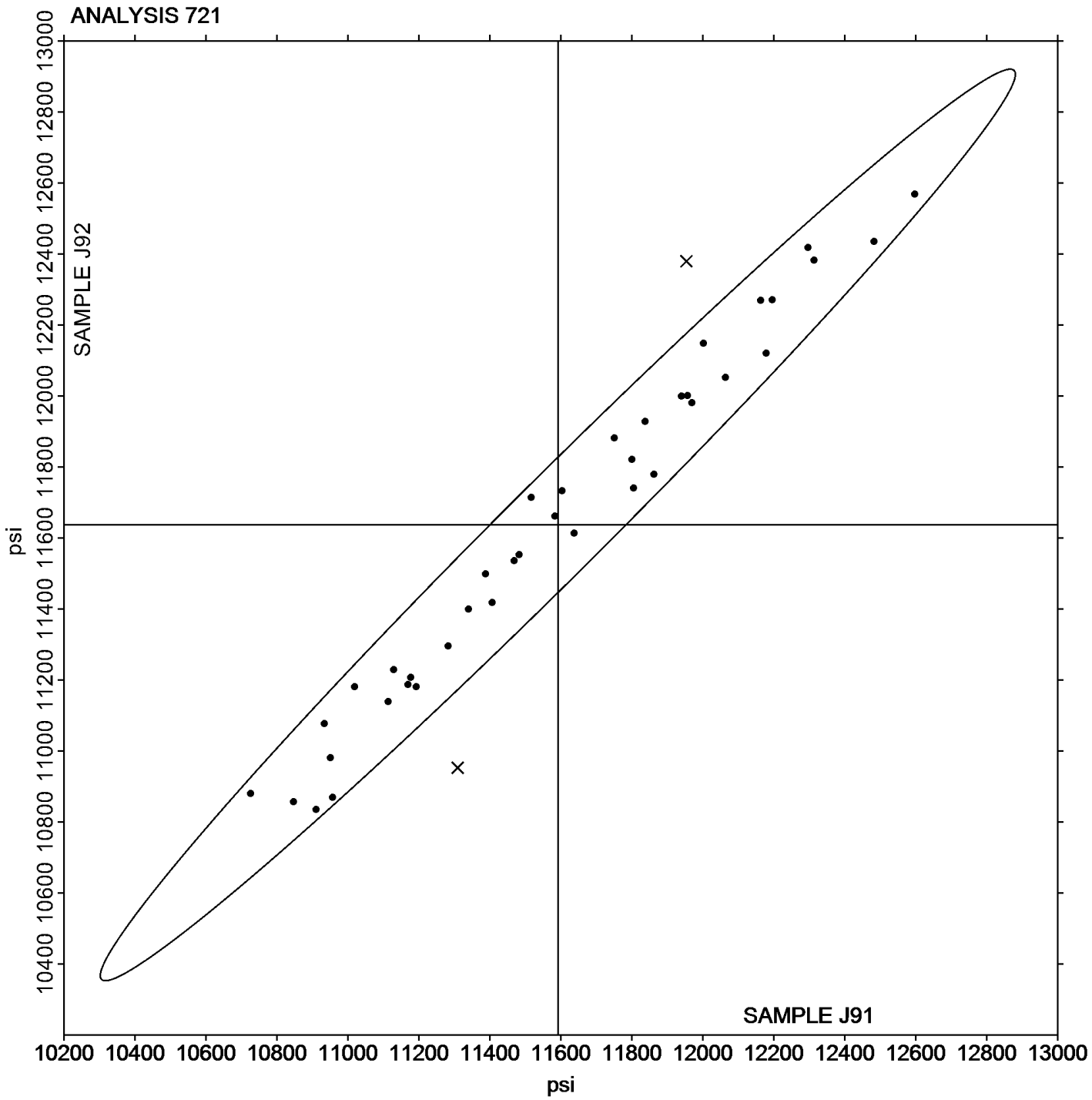
BETEHW (X) - Data for both samples are high. Possible Systematic Error.

KGNAX3 (X) - Inconsistent in testing between samples.

KWEE4B (X) - Data for sample J91 are low. Inconsistent within the determinations of sample J91.

ZBJHRW (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample J91.

Grand Mean Sample J91: 11,591.48 psi Grand Mean Sample J92: 11,636.80 psi



WebCode	Data Flag	Sample J91 Lab Mean	Sample J91 Diff from Grand Mean	Sample J91 CPV	Sample J92 Lab Mean	Sample J92 Diff from Grand Mean	Sample J92 CPV
3K363P		11,813	82	0.12	11,744	-29	-0.04
3VXQ3N		11,110	-621	-0.92	11,036	-737	-1.09
6AXQYU		12,012	282	0.42	12,056	282	0.42
7E7GXU		12,660	929	1.37	12,520	747	1.10
7NKY88		11,907	176	0.26	11,941	168	0.25
7XHY9Z		11,905	174	0.26	11,897	124	0.18
8JUV92		11,125	-606	-0.90	11,180	-593	-0.88
92PZWL		11,410	-321	-0.47	11,419	-354	-0.52
AHD7QD		12,088	357	0.53	12,022	249	0.37
BETEHW	*	13,518	1,787	2.64	13,721	1,947	2.88
BW7KJY		12,513	782	1.16	12,382	609	0.90
D846VQ		12,452	721	1.07	12,331	558	0.82
DYQNAP	*	9,640	-2,091	-3.09	9,616	-2,157	-3.19
E3MPTH		12,445	714	1.06	12,321	548	0.81
EBV4UY		12,032	302	0.45	12,247	474	0.70
EHHL3N		10,815	-916	-1.36	10,967	-806	-1.19
GKV9LL		11,741	10	0.01	11,680	-93	-0.14
GWUADA		12,170	439	0.65	12,202	429	0.63
HKQGHN		11,864	133	0.20	11,918	145	0.21
JMMA9J		11,160	-571	-0.85	11,187	-586	-0.87
JNQ729		11,594	-136	-0.20	11,693	-80	-0.12
JVM22T		11,278	-453	-0.67	11,305	-468	-0.69
KF49H9		11,132	-599	-0.89	11,236	-538	-0.80
KGNAX3	X	11,387	-344	-0.51	11,002	-771	-1.14
KHXR49		12,208	477	0.71	12,343	570	0.84
KR9LB2		11,379	-352	-0.52	11,369	-405	-0.60
KWEE4B		10,984	-747	-1.10	11,150	-623	-0.92
LDJ7JL		12,153	422	0.62	12,250	476	0.70
LK2GQU		11,901	170	0.25	12,011	238	0.35
MVXZNZ		12,434	704	1.04	12,555	782	1.16
N6GAH8		10,945	-786	-1.16	11,101	-673	-0.99
N6ZLA7		11,485	-245	-0.36	11,405	-369	-0.54
PHF73X		11,243	-488	-0.72	11,273	-500	-0.74
PL4DUL		11,837	106	0.16	11,902	129	0.19
PN6LWB		12,194	463	0.69	12,268	495	0.73

WebCode	Data Flag	Sample J91 Lab Mean	Sample J91 Diff from Grand Mean	Sample J91 CPV	Sample J92 Lab Mean	Sample J92 Diff from Grand Mean	Sample J92 CPV
RX8LK3		12,250	519	0.77	12,231	458	0.68
VE3PLB		11,809	78	0.12	11,913	139	0.21
WF6498	*	11,615	-116	-0.17	12,013	240	0.35
WZB8Y3		10,952	-779	-1.15	10,981	-792	-1.17

Summary Statistics

	Sample J91	Sample J92
Grand Means	11,730.9 psi	11,773.4 psi
Stnd Dev Btwn Labs	675.8 psi	676.3 psi

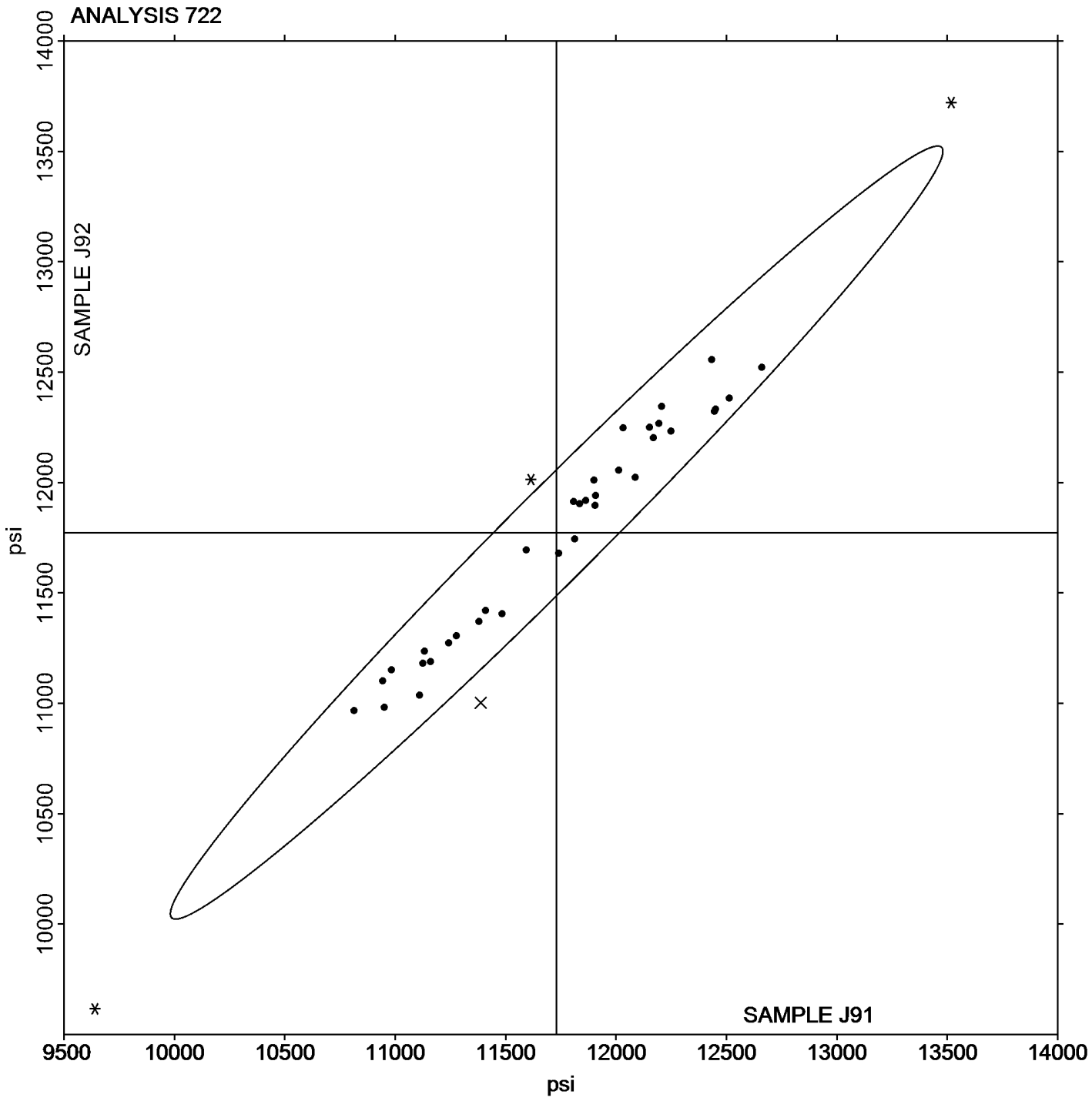
Statistics based on 38 of 39 reporting participants

Sample J91: ABS/PC & Sample J92: ABS/PC

Comments on Assigned Data Flags for Test #722

KGNAX3 (X) - Inconsistent in testing between samples.

Grand Mean Sample J91: 11,730.85 psi Grand Mean Sample J92: 11,773.37 psi



WebCode	Data Flag	Sample C91 Lab Mean	Sample C91 Diff from Grand Mean	Sample C91 CPV	Sample C92 Lab Mean	Sample C92 Diff from Grand Mean	Sample C92 CPV
2FAKJF		23.66	0.19	0.30	23.50	0.01	0.01
3AWRFP		21.98	-1.48	-2.26	22.08	-1.41	-2.33
3EW7UK	*	23.59	0.13	0.19	23.18	-0.31	-0.51
3MRBML		22.70	-0.76	-1.16	22.97	-0.52	-0.86
3VXQ3N		22.86	-0.60	-0.92	23.00	-0.49	-0.81
6AXQYU		23.59	0.13	0.20	23.56	0.07	0.11
6P8JKC	X	20.75	-2.71	-4.14	21.56	-1.93	-3.19
7E7GXU		23.22	-0.24	-0.37	23.24	-0.25	-0.41
7FQUE7		23.70	0.23	0.35	23.73	0.24	0.39
7HLF3V	X	26.79	3.33	5.08	26.67	3.18	5.26
7NKY88		23.13	-0.34	-0.51	23.22	-0.27	-0.45
8JUV92	M	No data reported for this sample			3.71	-19.78	-32.69
8WA873		23.38	-0.08	-0.13	23.20	-0.29	-0.48
9263MG	X	16.87	-6.59	-10.06	16.95	-6.54	-10.80
AHD7QD		23.49	0.03	0.04	23.48	-0.01	-0.02
ANJUB8		24.78	1.32	2.01	24.84	1.35	2.23
AVH3AF		23.38	-0.08	-0.13	23.36	-0.13	-0.21
B9Y7LN	X	22.80	-0.66	-1.01	19.14	-4.35	-7.19
BVGP4Y		23.50	0.04	0.06	23.62	0.13	0.22
CCWKTQ		23.69	0.23	0.35	23.70	0.21	0.35
D3HJPW		23.93	0.47	0.71	24.01	0.52	0.86
DANRCX		23.84	0.38	0.58	23.85	0.36	0.59
DMCTR4		23.15	-0.31	-0.48	22.93	-0.56	-0.92
E3MPTH		23.32	-0.14	-0.22	23.36	-0.13	-0.21
E99APQ	X	26.61	3.15	4.81	26.46	2.97	4.91
EBV4UY		24.28	0.82	1.25	24.16	0.67	1.10
EU9QF8	X	25.16	1.70	2.59	23.81	0.32	0.53
H3P4HG		23.35	-0.11	-0.17	23.32	-0.17	-0.27
HKQGHN		24.38	0.91	1.40	24.26	0.77	1.27
JNQ729		23.43	-0.04	-0.06	23.59	0.10	0.17
JZJPFE		22.65	-0.81	-1.24	22.74	-0.75	-1.24
KF49H9	X	23.20	-0.26	-0.40	24.20	0.71	1.18
KGNAX3		22.43	-1.03	-1.57	22.71	-0.78	-1.29
KJRDYK		23.07	-0.39	-0.60	23.39	-0.10	-0.16
L7KLE6		23.87	0.41	0.62	23.94	0.45	0.74

WebCode	Data Flag	Sample C91 Lab Mean	Sample C91 Diff from Grand Mean	Sample C91 CPV	Sample C92 Lab Mean	Sample C92 Diff from Grand Mean	Sample C92 CPV
LQNA3U		24.10	0.64	0.97	24.12	0.63	1.04
M6K3RU		22.24	-1.22	-1.86	22.35	-1.14	-1.88
M8LH8R	X	23.48	0.02	0.03	21.09	-2.40	-3.97
MH93JW	X	23.10	-0.36	-0.55	22.52	-0.97	-1.60
MKC79T	X	20.69	-2.77	-4.23	22.15	-1.34	-2.21
MZBP9A		24.65	1.19	1.81	24.59	1.10	1.82
PAKRXL	X	24.76	1.30	1.99	24.15	0.66	1.09
PHF73X		22.67	-0.79	-1.21	23.10	-0.39	-0.64
PN6LWB		23.77	0.30	0.46	23.63	0.14	0.24
PPGETY		23.70	0.24	0.36	23.64	0.15	0.25
QJTQXT		23.68	0.22	0.33	23.34	-0.15	-0.25
QQABWY		23.60	0.13	0.21	23.72	0.23	0.37
RKFWKX		23.60	0.14	0.21	23.62	0.13	0.21
RWCZVH		24.06	0.59	0.90	23.99	0.50	0.83
T2MZHG		24.69	1.22	1.87	24.62	1.13	1.86
UL3CRB		24.15	0.68	1.05	24.26	0.77	1.27
ULMH43		22.12	-1.34	-2.05	22.30	-1.19	-1.97
UZ4Y4X		23.37	-0.09	-0.14	23.14	-0.35	-0.57
VLZYME	X	23.78	0.32	0.49	23.02	-0.47	-0.78
VP2GTG		23.97	0.51	0.78	24.20	0.71	1.18
VY7XWL		23.97	0.50	0.77	24.05	0.56	0.93
WQQQDM		22.31	-1.15	-1.76	22.59	-0.90	-1.48
WTVUCK		23.60	0.14	0.21	23.58	0.09	0.15
YZTVD3	X	23.09	-0.37	-0.57	24.35	0.86	1.42
ZGR8M4		23.02	-0.44	-0.68	22.88	-0.61	-1.01
ZHH2X8		23.14	-0.32	-0.49	23.36	-0.13	-0.22

Summary Statistics

	Sample C91	Sample C92
Grand Means	23.463 MPa	23.490 MPa
Stnd Dev Btwn Labs	0.655 MPa	0.605 MPa

Statistics based on 47 of 61 reporting participants

Sample C91: HIPS & Sample C92: HIPS

Comments on Assigned Data Flags for Test #730

YZTVD3 (X) - Inconsistent in testing between samples.

VLZYME (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample C92.

MH93JW (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample C91.

EU9QF8 (X) - Inconsistent in testing between samples.

6P8JKC (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

B9Y7LN (X) - Data for sample C92 are low. Inconsistent within the determinations of sample C92.

E99APQ (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample C92.

7HLF3V (X) - Data for both samples are high. Possible Systematic Error.

8JUV92 (M) - Participant did not submit data for sample C91.

M8LH8R (X) - Data for sample C92 are low. Inconsistent within the determinations of both samples.

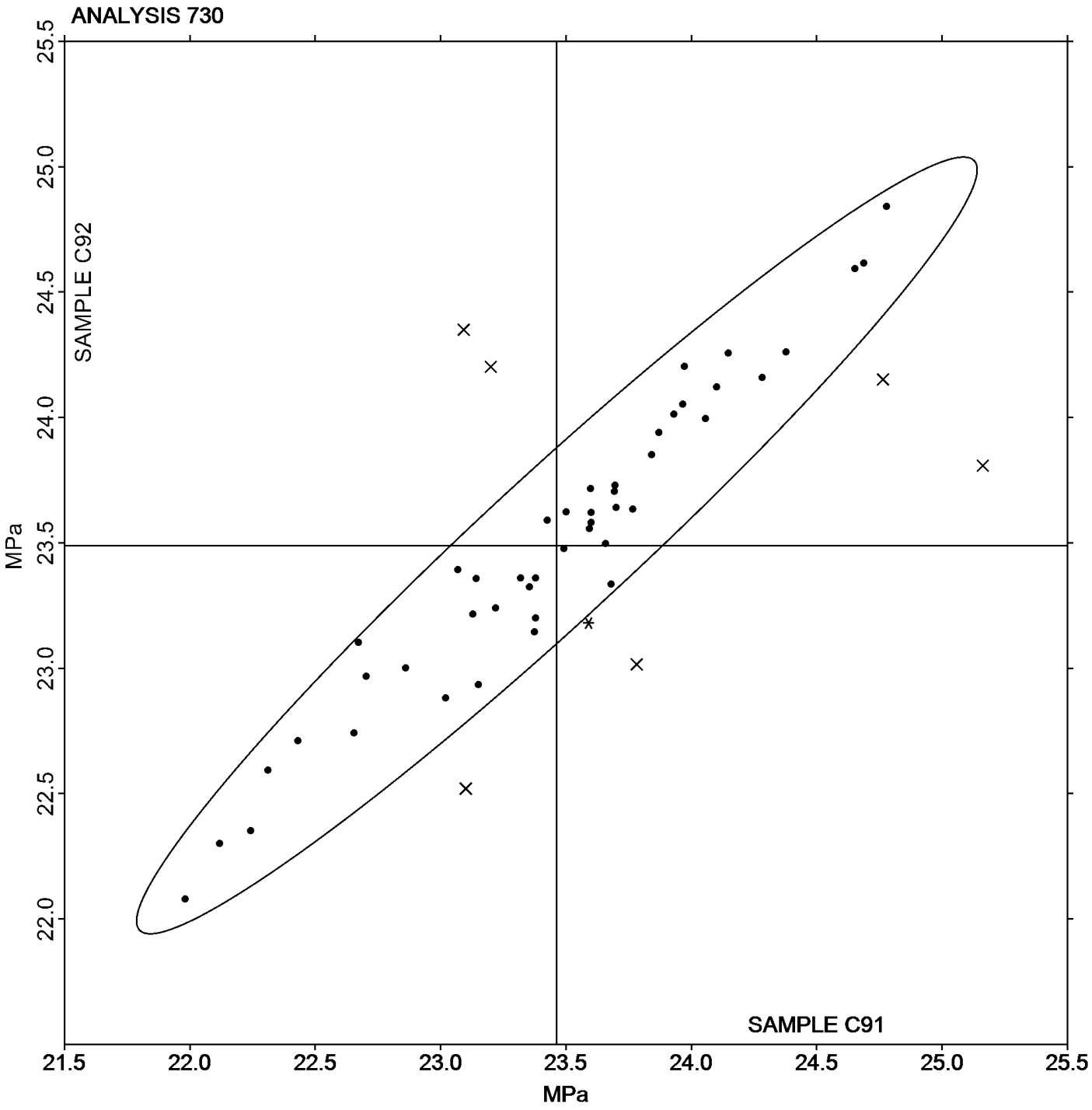
PAKRXL (X) - Inconsistent in testing between samples.

MKC79T (X) - Data for sample C91 are low. Inconsistent within the determinations of sample C92.

KF49H9 (X) - Inconsistent in testing between samples.

9263MG (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample C92.

Grand Mean Sample C91: 23.463 MPa Grand Mean Sample C92: 23.490 MPa



WebCode	Data Flag	Sample C91 Lab Mean	Sample C91 Diff from Grand Mean	Sample C91 CPV	Sample C92 Lab Mean	Sample C92 Diff from Grand Mean	Sample C92 CPV
2FAKJF		18.08	-0.01	-0.02	17.99	-0.15	-0.26
3EW7UK		18.12	0.03	0.05	18.02	-0.11	-0.20
3VXQ3N		17.68	-0.42	-0.77	17.64	-0.50	-0.87
6AXQYU		18.12	0.02	0.04	18.37	0.24	0.41
6P8JKC	*	18.27	0.17	0.31	17.23	-0.91	-1.59
7E7GXU		17.40	-0.70	-1.28	17.76	-0.38	-0.66
7FQUE7		18.72	0.62	1.15	18.06	-0.08	-0.13
7HLF3V	X	20.52	2.43	4.45	20.85	2.71	4.76
7NKY88		17.69	-0.41	-0.75	17.57	-0.57	-1.00
8JUV92	M	No data reported for this sample			22.28	4.14	7.28
8WA873		18.59	0.49	0.90	18.59	0.45	0.80
9263MG	X	16.29	-1.81	-3.32	18.40	0.27	0.47
AHD7QD	X	15.02	-3.08	-5.66	15.00	-3.14	-5.51
ANJUB8		18.90	0.80	1.48	19.20	1.06	1.87
AVH3AF		18.20	0.10	0.19	17.94	-0.20	-0.35
B9Y7LN		18.08	-0.01	-0.03	18.03	-0.10	-0.18
BVGP4Y		17.81	-0.29	-0.53	17.81	-0.33	-0.57
CCWKTQ		18.33	0.24	0.44	18.15	0.01	0.02
D3HJPW		18.70	0.60	1.10	18.25	0.12	0.21
DANRCX		18.03	-0.06	-0.11	18.26	0.12	0.21
E3MPTH		17.94	-0.16	-0.29	18.12	-0.02	-0.03
E99APQ	X	24.10	6.00	11.03	35.52	17.38	30.54
H3P4HG		17.75	-0.35	-0.64	18.03	-0.11	-0.19
HKQGHN		18.87	0.77	1.41	18.82	0.68	1.19
JNQ729		17.85	-0.25	-0.46	18.05	-0.09	-0.15
JZJPFE		17.84	-0.26	-0.47	17.40	-0.74	-1.29
KF49H9	X	17.11	-0.99	-1.82	18.74	0.61	1.06
KGNAX3		17.08	-1.01	-1.86	17.46	-0.68	-1.19
KJRDYK	M	No data reported for this sample			18.20	0.06	0.11
L7KLE6		18.05	-0.05	-0.09	18.45	0.31	0.55
LQNA3U		17.99	-0.11	-0.20	18.22	0.09	0.15
M6K3RU		17.53	-0.57	-1.05	18.13	0.00	-0.01
M8LH8R	X	24.14	6.05	11.10	23.61	5.47	9.61
MH93JW	X	23.10	5.00	9.19	22.52	4.38	7.70
MKC79T	*	17.49	-0.60	-1.11	18.50	0.37	0.64

WebCode	Data Flag	Sample C91 Lab Mean	Sample C91 Diff from Grand Mean	Sample C91 CPV	Sample C92 Lab Mean	Sample C92 Diff from Grand Mean	Sample C92 CPV
MZBP9A		18.86	0.76	1.39	19.19	1.05	1.84
PAKRXL		18.94	0.84	1.55	18.52	0.38	0.67
PHF73X		17.06	-1.03	-1.90	17.66	-0.47	-0.83
PN6LWB		17.89	-0.21	-0.38	18.17	0.03	0.06
PPGETY		18.46	0.36	0.67	18.54	0.40	0.71
QJTQXT		17.93	-0.16	-0.30	17.93	-0.21	-0.36
QQABWY		18.20	0.11	0.20	18.09	-0.04	-0.07
RKFWKX		17.82	-0.28	-0.51	17.80	-0.34	-0.59
RWCZVH		18.29	0.19	0.36	18.58	0.44	0.78
T2MZHG		18.46	0.36	0.67	19.03	0.89	1.57
UL3CRB		18.36	0.26	0.48	18.54	0.40	0.71
ULMH43		17.12	-0.98	-1.79	16.84	-1.30	-2.28
VLZYME		18.85	0.75	1.38	18.29	0.15	0.26
VP2GTG		18.37	0.28	0.51	18.65	0.51	0.90
VY7XWL		18.25	0.15	0.28	18.61	0.48	0.84
WQQQDM		17.54	-0.56	-1.03	17.38	-0.75	-1.32
WTVUCK		18.58	0.49	0.89	18.39	0.25	0.44
YZTVD3		19.30	1.20	2.21	19.27	1.13	1.99
ZHH2X8	*	16.96	-1.14	-2.09	16.61	-1.53	-2.68

Summary Statistics

	Sample C91	Sample C92
Grand Means	18.097 MPa	18.136 MPa
Stnd Dev Btwn Labs	0.544 MPa	0.569 MPa

Statistics based on 45 of 54 reporting participants

Sample C91: HIPS & Sample C92: HIPS

Comments on Assigned Data Flags for Test #731

MH93JW (X) - Data for both samples are high. Possible Systematic Error.

AHD7QD (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

KJRDYK (M) - Participant did not submit data for sample C91.

E99APQ (X) - Data for both samples are high. Inconsistent within the determinations of both samples.

7HLF3V (X) - Data for both samples are high. Possible Systematic Error.

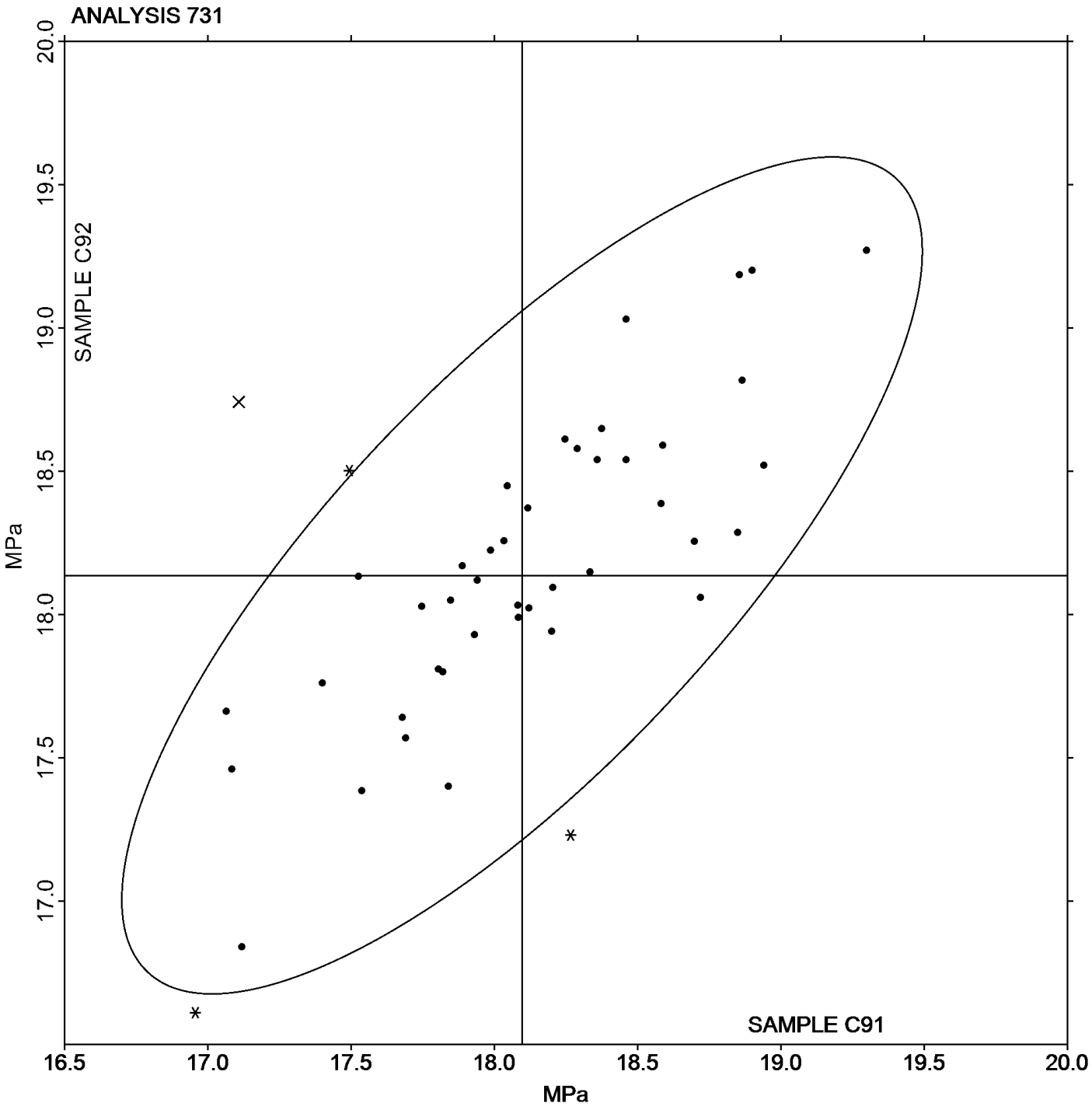
8JUV92 (M) - Participant did not submit data for sample C91.

M8LH8R (X) - Data for both samples are high. Possible Systematic Error.

KF49H9 (X) - Inconsistent in testing between samples.

9263MG (X) - Data for sample C91 are low. Inconsistent within the determinations of sample C91.

Grand Mean Sample C91: 18.097 MPa Grand Mean Sample C92: 18.136 MPa



WebCode	Data Flag	Sample C91 Lab Mean	Sample C91 Diff from Grand Mean	Sample C91 CPV	Sample C92 Lab Mean	Sample C92 Diff from Grand Mean	Sample C92 CPV
2FAKJF		1.460	-0.046	-0.75	1.450	-0.055	-0.94
3EW7UK		1.548	0.042	0.70	1.520	0.015	0.27
3VXQ3N	X	2.154	0.648	10.68	2.186	0.681	11.73
6AXQYU		1.490	-0.016	-0.26	1.478	-0.027	-0.46
7E7GXU		1.500	-0.006	-0.09	1.500	-0.005	-0.08
7FQUE7		1.460	-0.046	-0.75	1.480	-0.025	-0.42
7HLF3V	*	1.666	0.160	2.64	1.664	0.159	2.74
7NKY88	*	1.658	0.152	2.51	1.634	0.129	2.23
8JUV92	M	No data reported for this sample			3.710	2.205	37.97
8WA873		1.578	0.072	1.19	1.574	0.069	1.19
9263MG	X	3.832	2.326	38.32	3.972	2.467	42.48
AHD7QD		1.474	-0.032	-0.52	1.476	-0.029	-0.49
ANJUB8		1.500	-0.006	-0.09	1.500	-0.005	-0.08
AVH3AF		1.578	0.072	1.19	1.582	0.077	1.33
B9Y7LN		1.476	-0.030	-0.49	1.462	-0.043	-0.73
BVGP4Y		1.522	0.016	0.27	1.520	0.015	0.27
CCWKTQ		1.482	-0.024	-0.39	1.488	-0.017	-0.29
D3HJPW		1.498	-0.008	-0.12	1.516	0.011	0.20
DANRCX		1.474	-0.032	-0.52	1.462	-0.043	-0.73
DMCTR4		1.422	-0.084	-1.38	1.416	-0.089	-1.53
E3MPTH		1.500	-0.006	-0.09	1.500	-0.005	-0.08
E99APQ	X	1.573	0.068	1.12	1.427	-0.078	-1.34
EBV4UY		1.484	-0.022	-0.36	1.484	-0.021	-0.35
EU9QF8	X	5.778	4.272	70.38	5.614	4.109	70.75
H3P4HG		1.478	-0.028	-0.45	1.478	-0.027	-0.46
JNQ729		1.420	-0.086	-1.41	1.442	-0.063	-1.08
JZJPFE		1.420	-0.086	-1.41	1.460	-0.045	-0.77
KF49H9		1.482	-0.024	-0.39	1.500	-0.005	-0.08
KGNAX3		1.432	-0.074	-1.21	1.438	-0.067	-1.15
KJRDYK	X	1.333	-0.172	-2.84	1.450	-0.055	-0.94
L7KLE6		1.480	-0.026	-0.42	1.474	-0.031	-0.53
LQNA3U	X	1.551	0.046	0.76	1.665	0.161	2.77
M6K3RU	*	1.448	-0.058	-0.95	1.408	-0.097	-1.66
M8LH8R		1.498	-0.008	-0.12	1.480	-0.025	-0.42
MH93JW	X	1.400	-0.106	-1.74	1.320	-0.185	-3.18

WebCode	Data Flag	Sample C91 Lab Mean	Sample C91 Diff from Grand Mean	Sample C91 CPV	Sample C92 Lab Mean	Sample C92 Diff from Grand Mean	Sample C92 CPV
MKC79T	X	1.164	-0.341	-5.62	1.245	-0.259	-4.46
MZBP9A		1.525	0.020	0.32	1.530	0.026	0.44
PAKRXL		1.538	0.032	0.53	1.512	0.007	0.13
PHF73X		1.420	-0.086	-1.41	1.450	-0.055	-0.94
PN6LWB		1.546	0.040	0.67	1.520	0.015	0.27
PPGETY		1.470	-0.036	-0.59	1.452	-0.053	-0.91
QJTQXT		1.468	-0.038	-0.62	1.470	-0.035	-0.60
QQABWY		1.474	-0.032	-0.52	1.500	-0.005	-0.08
RKFWKX		1.500	-0.006	-0.09	1.480	-0.025	-0.42
RWCZVH		1.558	0.052	0.86	1.576	0.071	1.23
T2MZHG		1.632	0.126	2.08	1.620	0.115	1.99
UL3CRB		1.508	0.002	0.04	1.502	-0.003	-0.04
ULMH43		1.470	-0.036	-0.59	1.470	-0.035	-0.60
VLZYME	X	1.460	-0.046	-0.75	1.374	-0.131	-2.25
VP2GTG	X	16.620	15.114	248.98	18.840	17.335	298.47
VY7XWL		1.586	0.080	1.32	1.595	0.090	1.55
WQQQDM	X	1.512	0.006	0.11	1.670	0.165	2.85
WTVUCK		1.596	0.090	1.48	1.596	0.091	1.57
YZTVD3	X	1.350	-0.156	-2.56	1.460	-0.045	-0.77
ZHH2X8		1.515	0.009	0.16	1.535	0.030	0.52

Summary Statistics

	Sample C91	Sample C92
Grand Means	1.5056 Percent	1.5046 Percent
Stnd Dev Btwn Labs	0.0607 Percent	0.0581 Percent

Statistics based on 42 of 55 reporting participants

Sample C91: HIPS & Sample C92: HIPS

Comments on Assigned Data Flags for Test #732

YZTVD3 (X) - Inconsistent in testing between samples.

VLZYME (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample C92.

MH93JW (X) - Data for sample C92 are low.

WQQQDM (X) - Data for sample C92 are high. Inconsistent within the determinations of sample C91.

LQNA3U (X) - Data for sample C92 are high. Inconsistent within the determinations of sample C92.

EU9QF8 (X) - Extreme data.

KJRDYK (X) - Data for sample C91 are low. Inconsistent within the determinations of both samples.

E99APQ (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

8JUV92 (M) - Participant did not submit data for sample C91.

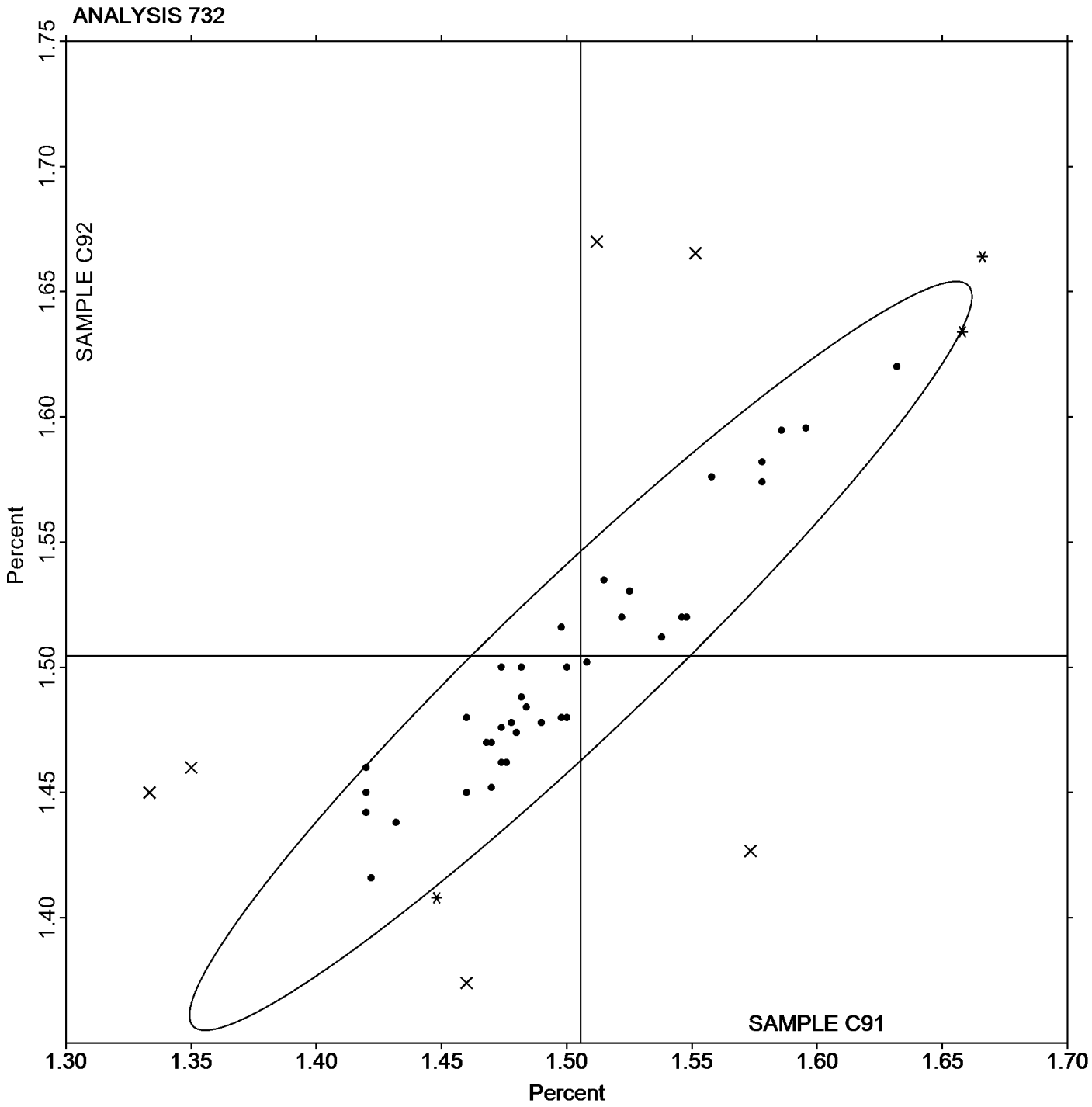
VP2GTG (X) - Extreme data.

MKC79T (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

9263MG (X) - Extreme data.

3VXQ3N (X) - Data for both samples are high. Possible Systematic Error.

Grand Mean Sample C91: 1.5056 Percent Grand Mean Sample C92: 1.5046 Percent



WebCode	Data Flag	Sample C91 Lab Mean	Sample C91 Diff from Grand Mean	Sample C91 CPV	Sample C92 Lab Mean	Sample C92 Diff from Grand Mean	Sample C92 CPV
2FAKJF		1,861	78	1.07	1,855	68	0.98
3EW7UK		1,767	-16	-0.22	1,774	-12	-0.18
3VXQ3N	X	1,236	-547	-7.49	1,185	-601	-8.72
6AXQYU		1,811	28	0.39	1,814	27	0.39
6P8JKC	X	1,558	-226	-3.09	1,817	31	0.44
7E7GXU		1,778	-5	-0.07	1,772	-15	-0.21
7FQUE7		1,803	20	0.27	1,804	18	0.26
7HLF3V		1,744	-39	-0.54	1,748	-39	-0.56
7NKY88	X	1,538	-246	-3.36	1,624	-163	-2.36
8JUV92	M	No data reported for this sample			1,802	15	0.22
8WA873		1,769	-15	-0.20	1,740	-47	-0.68
9263MG	*	1,704	-79	-1.09	1,640	-147	-2.13
AHD7QD		1,877	93	1.28	1,845	58	0.84
ANJUB8		1,652	-131	-1.80	1,704	-83	-1.20
AVH3AF		1,769	-15	-0.20	1,771	-16	-0.23
B9Y7LN		1,804	21	0.29	1,794	7	0.11
BVGP4Y		1,675	-109	-1.49	1,695	-92	-1.33
CCWKTQ	*	1,989	206	2.82	1,929	142	2.06
D3HJPW		1,819	36	0.49	1,825	38	0.55
DANRCX		1,867	84	1.15	1,921	134	1.95
DMCTR4		1,850	67	0.91	1,806	19	0.28
E3MPTH		1,712	-71	-0.97	1,748	-39	-0.56
E99APQ	X	2,145	362	4.95	2,109	322	4.67
EBV4UY		1,790	7	0.10	1,764	-23	-0.33
EU9QF8		1,724	-60	-0.82	1,790	3	0.04
H3P4HG		1,758	-25	-0.34	1,758	-29	-0.42
JNQ729		1,787	4	0.05	1,774	-13	-0.18
JZJPFE		1,758	-25	-0.34	1,750	-37	-0.54
KF49H9		1,740	-43	-0.59	1,774	-12	-0.18
KGNAX3		1,810	27	0.36	1,836	49	0.71
KJRDYK		1,797	14	0.19	1,814	27	0.40
L7KLE6		1,774	-10	-0.13	1,774	-13	-0.18
LQNA3U		1,744	-39	-0.53	1,759	-28	-0.40
M6K3RU		1,733	-50	-0.69	1,787	0	0.00
M8LH8R		1,871	88	1.20	1,847	60	0.87

WebCode	Data Flag	Sample C91 Lab Mean	Sample C91 Diff from Grand Mean	Sample C91 CPV	Sample C92 Lab Mean	Sample C92 Diff from Grand Mean	Sample C92 CPV
MH93JW		1,899	116	1.59	1,939	152	2.20
MZBP9A		1,862	78	1.07	1,839	52	0.75
PAKRXL		1,858	75	1.02	1,846	59	0.86
PHF73X		1,786	3	0.04	1,792	5	0.08
PN6LWB		1,811	28	0.38	1,786	0	0.00
PPGETY		1,818	35	0.48	1,801	14	0.20
QJTQXT		1,743	-40	-0.55	1,724	-63	-0.91
QQABWY		1,803	19	0.27	1,797	10	0.15
RKFWKX		1,768	-15	-0.21	1,771	-16	-0.23
RWCZVH		1,641	-142	-1.95	1,650	-136	-1.98
T2MZHG		1,847	64	0.88	1,866	79	1.15
UL3CRB		1,898	115	1.57	1,897	110	1.59
ULMH43		1,648	-135	-1.85	1,660	-127	-1.84
VLZYME	*	1,827	43	0.59	1,899	113	1.63
VP2GTG		1,698	-86	-1.17	1,712	-75	-1.09
VY7XWL		1,715	-68	-0.93	1,720	-67	-0.97
WQQQDM	X	725	-1,058	-14.48	1,663	-124	-1.79
WTVUCK		1,650	-133	-1.83	1,680	-106	-1.54
ZHH2X8		1,785	1	0.02	1,776	-11	-0.16

Summary Statistics

	Sample C91	Sample C92
Grand Means	1,783.2 MPa	1,786.8 MPa
Stnd Dev Btwn Labs	73.0 MPa	69.0 MPa

Statistics based on 48 of 54 reporting participants

Sample C91: HIPS & Sample C92: HIPS

Comments on Assigned Data Flags for Test #734

WQQQDM (X) - Data for sample C91 are low.

6P8JKC (X) - Data for sample C91 are low. Inconsistent within the determinations of both samples.

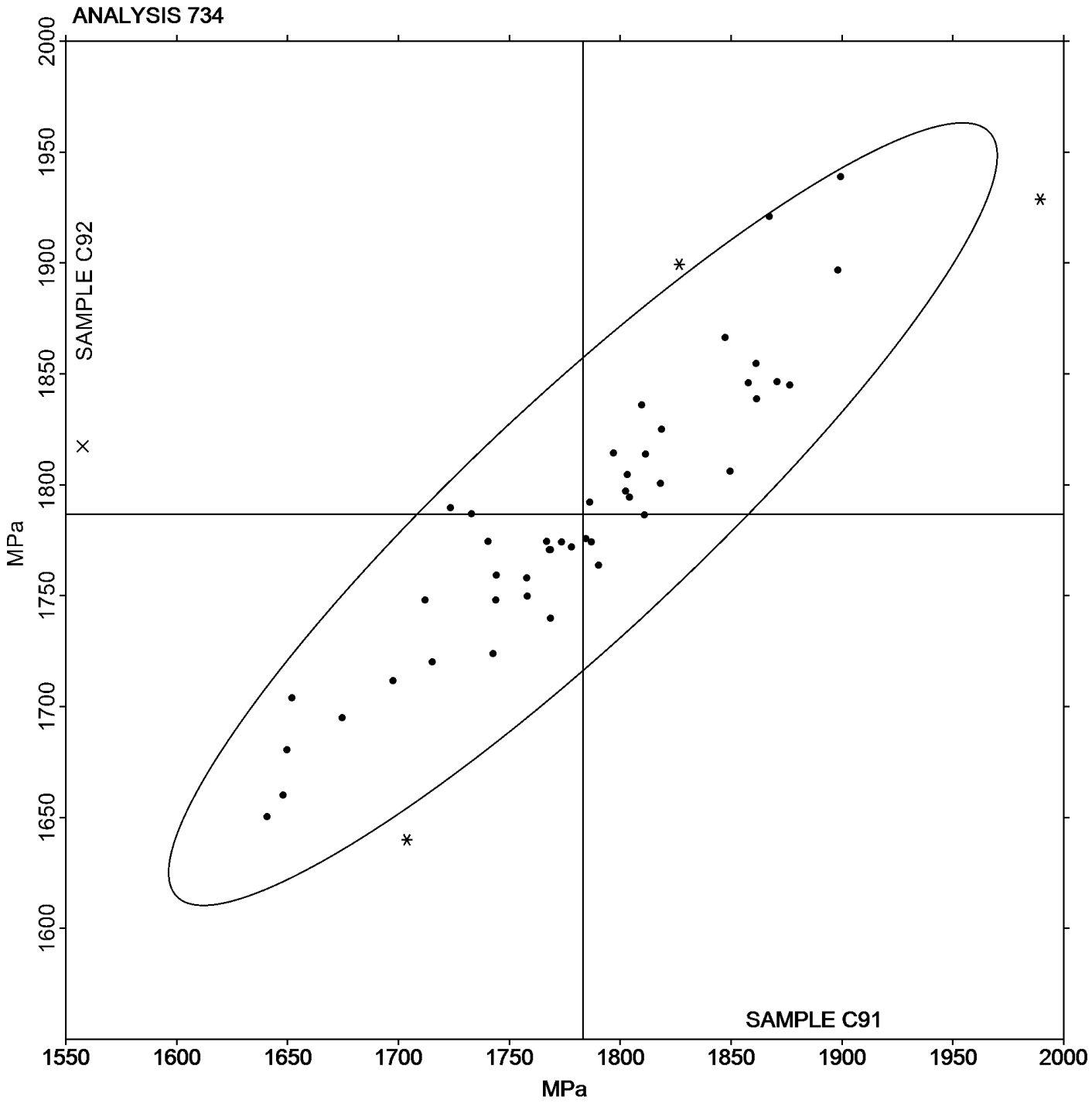
E99APQ (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

8JUV92 (M) - Participant did not submit data for sample C91.

7NKY88 (X) - Data for sample C91 are low.

3VXQ3N (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample C91: 1,783.19 MPa Grand Mean Sample C92: 1,786.76 MPa



WebCode	Data Flag	Sample K91 Lab Mean	Sample K91 Diff from Grand Mean	Sample K91 CPV	Sample K92 Lab Mean	Sample K92 Diff from Grand Mean	Sample K92 CPV
3AWRFP	X	2,105	305	4.22	2,127	328	4.30
3EW7UK		1,838	37	0.51	1,845	46	0.60
3MRBML		1,782	-19	-0.26	1,769	-29	-0.38
6AXQYU		1,717	-83	-1.15	1,752	-47	-0.61
7FQUE7		1,871	70	0.97	1,860	61	0.80
7HLF3V		1,746	-55	-0.76	1,754	-45	-0.59
8JUV92	X	2	-1,799	-24.94	2	-1,797	-23.53
8WA873		1,904	103	1.43	1,902	103	1.35
9263MG		1,875	74	1.03	1,850	51	0.67
9AL2PE		1,731	-70	-0.97	1,719	-79	-1.04
A96CUZ		1,802	1	0.02	1,790	-9	-0.12
AHD7QD		1,830	29	0.40	1,836	38	0.49
ANJUB8		1,691	-109	-1.52	1,714	-85	-1.11
AVH3AF		1,869	69	0.95	1,874	75	0.99
B9Y7LN		1,757	-43	-0.60	1,744	-55	-0.72
BVGP4Y		1,743	-58	-0.80	1,766	-32	-0.42
CCWKTQ		1,839	38	0.53	1,843	45	0.59
D2UEHP		1,912	112	1.55	1,932	133	1.74
D3HJPW		1,800	0	-0.01	1,799	0	0.00
DANRCX		1,786	-14	-0.20	1,748	-51	-0.67
DMCTR4		1,736	-64	-0.89	1,747	-52	-0.67
E3MPTH		1,799	-1	-0.02	1,800	1	0.01
E99APQ	X	2,136	335	4.64	2,176	377	4.94
EBV4UY		1,846	46	0.63	1,865	67	0.87
EU9QF8		1,789	-12	-0.16	1,785	-14	-0.18
JNQ729		1,782	-18	-0.25	1,787	-12	-0.15
JZJPFE		1,871	71	0.98	1,882	83	1.09
KF49H9		1,809	9	0.12	1,799	1	0.01
KGNAX3		1,711	-89	-1.24	1,671	-128	-1.68
KJRDYK		1,819	18	0.25	1,834	35	0.46
LQNA3U		1,832	31	0.43	1,817	19	0.24
M6K3RU		1,765	-35	-0.49	1,780	-19	-0.25
M8LH8R		1,820	19	0.26	1,794	-5	-0.06
MH93JW		1,661	-140	-1.94	1,643	-156	-2.04
MZBP9A		1,968	167	2.31	1,988	189	2.48

WebCode	Data Flag	Sample K91 Lab Mean	Sample K91 Diff from Grand Mean	Sample K91 CPV	Sample K92 Lab Mean	Sample K92 Diff from Grand Mean	Sample K92 CPV
NFZHL3		1,828	27	0.38	1,806	7	0.10
PAKRXL		1,960	159	2.20	1,970	171	2.24
PHF73X		1,775	-26	-0.36	1,763	-36	-0.47
PN6LWB		1,916	116	1.60	1,903	105	1.37
PPGETY		1,700	-101	-1.40	1,683	-116	-1.52
QJTQXT	X	2,636	835	11.58	2,655	856	11.21
QQABWY		1,777	-24	-0.33	1,773	-25	-0.33
RKFWKX	*	1,770	-31	-0.43	1,720	-79	-1.03
T2MZHG		1,858	57	0.79	1,848	49	0.65
T2YAEF		1,775	-26	-0.36	1,778	-21	-0.27
UL3CRB		1,888	87	1.21	1,877	78	1.03
UZ4Y4X		1,764	-37	-0.51	1,772	-27	-0.35
VLZYME		1,817	17	0.23	1,800	1	0.01
VP2GTG		1,815	14	0.20	1,840	41	0.54
VY7XWL		1,923	122	1.69	1,926	128	1.67
WQQQDM		1,679	-122	-1.69	1,675	-124	-1.62
WTVUCK		1,751	-49	-0.69	1,751	-48	-0.62
XVZBT8		1,782	-18	-0.26	1,816	17	0.22
YZTVD3		1,705	-96	-1.33	1,698	-101	-1.32
ZGR8M4		1,764	-36	-0.51	1,771	-28	-0.37
ZHH2X8		1,688	-112	-1.56	1,677	-122	-1.59

Summary Statistics

	Sample K91	Sample K92
Grand Means	1,800.7 MPa	1,798.7 MPa
Stnd Dev Btwn Labs	72.1 MPa	76.4 MPa

Statistics based on 52 of 56 reporting participants

Sample K91: HIPS & Sample K92: HIPS

Comments on Assigned Data Flags for Test #736

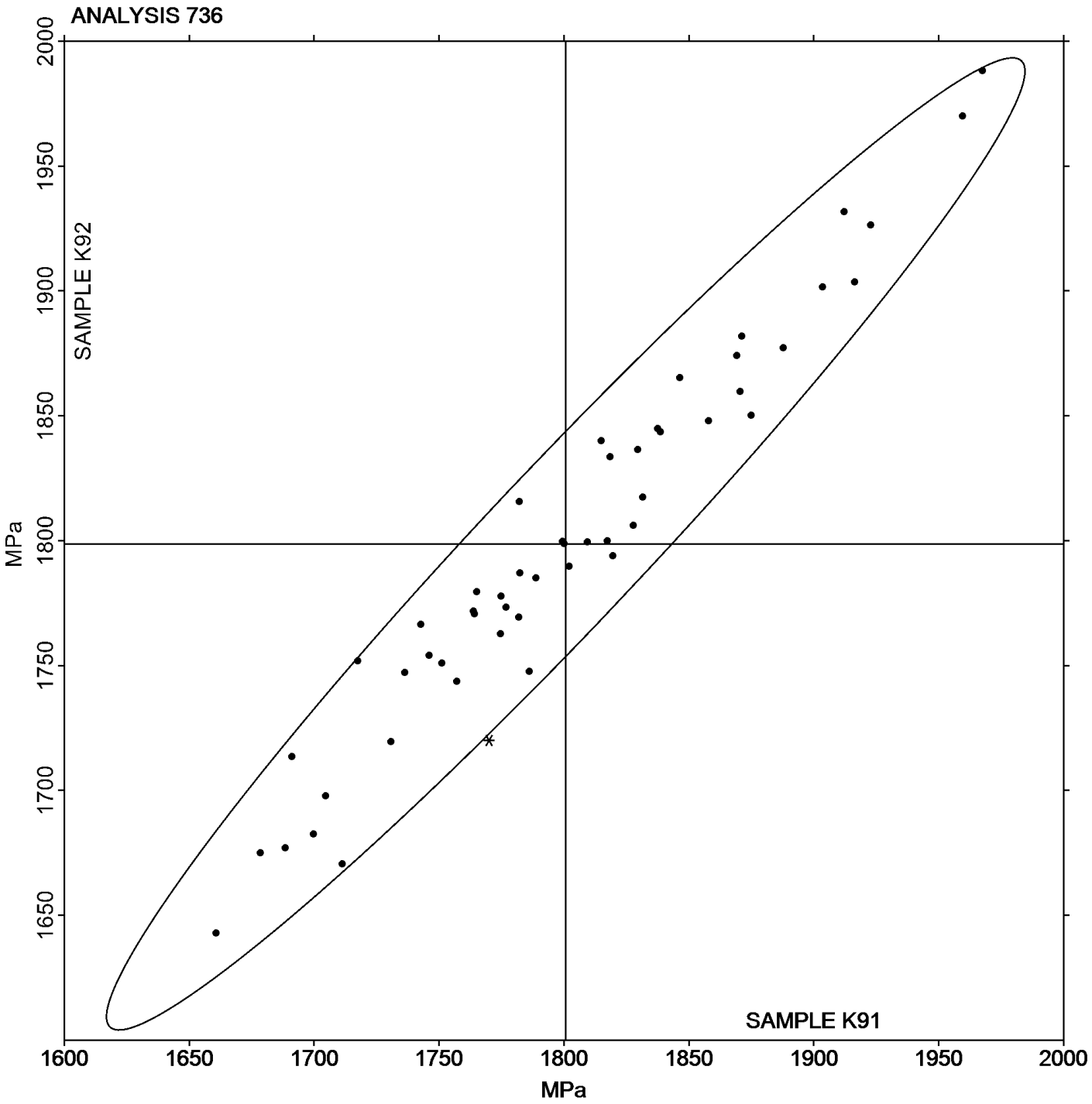
QJTQXT (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample K92.

E99APQ (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

8JUV92 (X) - Extreme data.

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

Grand Mean Sample K91: 1,800.67 MPa Grand Mean Sample K92: 1,798.72 MPa



WebCode	Data Flag	Sample K91 Lab Mean	Sample K91 Diff from Grand Mean	Sample K91 CPV	Sample K92 Lab Mean	Sample K92 Diff from Grand Mean	Sample K92 CPV
3EW7UK		38.68	1.17	0.91	38.52	0.98	0.74
6AXQYU		38.30	0.79	0.62	38.61	1.07	0.80
7FQUE7		39.85	2.34	1.82	40.44	2.90	2.18
7HLF3V		37.85	0.34	0.27	37.65	0.11	0.08
8JUV92		37.88	0.37	0.29	38.54	1.00	0.75
8WA873		38.98	1.47	1.15	38.88	1.34	1.01
9263MG		37.56	0.05	0.04	37.58	0.03	0.02
9AL2PE		37.58	0.07	0.06	37.47	-0.07	-0.05
AHD7QD		37.69	0.18	0.14	37.80	0.26	0.20
ANJUB8		37.02	-0.49	-0.38	36.33	-1.21	-0.92
AVH3AF		34.62	-2.89	-2.25	34.92	-2.62	-1.98
B9Y7LN		37.16	-0.34	-0.27	36.72	-0.82	-0.62
BVGP4Y		36.78	-0.73	-0.56	37.07	-0.47	-0.36
CCWKTQ		38.01	0.50	0.39	37.66	0.12	0.09
D2UEHP		38.10	0.60	0.46	37.43	-0.11	-0.08
D3HJPW		37.19	-0.32	-0.25	37.02	-0.52	-0.39
DANRCX		37.73	0.23	0.18	37.65	0.11	0.08
DMCTR4		37.01	-0.50	-0.39	37.05	-0.49	-0.37
E3MPTH		38.20	0.69	0.54	38.22	0.68	0.51
E99APQ		40.07	2.57	1.99	40.30	2.76	2.08
JNQ729		37.40	-0.11	-0.09	37.44	-0.11	-0.08
JZJPFE		36.33	-1.18	-0.92	36.69	-0.85	-0.64
KF49H9		35.28	-2.23	-1.74	35.20	-2.35	-1.77
KGNAX3	X	31.16	-6.34	-4.93	34.67	-2.87	-2.16
KJRDYK		39.11	1.61	1.25	39.31	1.76	1.33
LQNA3U		38.53	1.02	0.79	38.84	1.29	0.97
M6K3RU		37.60	0.09	0.07	37.43	-0.11	-0.08
M8LH8R		36.54	-0.97	-0.75	36.94	-0.60	-0.46
MH93JW	X	36.96	-0.55	-0.43	34.86	-2.68	-2.02
MZBP9A		39.62	2.11	1.64	39.78	2.23	1.68
NFZHL3		36.98	-0.53	-0.41	36.41	-1.14	-0.86
PAKRXL	*	36.55	-0.96	-0.75	37.47	-0.07	-0.05
PHF73X		35.61	-1.90	-1.47	35.66	-1.89	-1.42
PN6LWB	X	73.73	36.23	28.17	74.30	36.75	27.69
PPGETY		37.17	-0.33	-0.26	37.01	-0.53	-0.40

WebCode	Data Flag	Sample K91 Lab Mean	Sample K91 Diff from Grand Mean	Sample K91 CPV	Sample K92 Lab Mean	Sample K92 Diff from Grand Mean	Sample K92 CPV
QQABWY		37.09	-0.42	-0.32	37.25	-0.30	-0.22
RKFWKX		36.48	-1.03	-0.80	36.96	-0.58	-0.44
T2MZHG		39.22	1.71	1.33	39.04	1.50	1.13
T2YAEF		38.00	0.49	0.38	37.58	0.04	0.03
UL3CRB		39.03	1.52	1.18	39.10	1.55	1.17
VP2GTG		36.34	-1.17	-0.91	36.22	-1.33	-1.00
VY7XWL		34.30	-3.20	-2.49	34.50	-3.05	-2.30
WQQQDM		35.91	-1.60	-1.25	35.94	-1.60	-1.21
WTVUCK		37.55	0.05	0.04	37.65	0.11	0.08
XVZBT8		38.73	1.22	0.95	39.25	1.71	1.29
YZTVD3		36.61	-0.90	-0.70	36.45	-1.09	-0.82
ZHH2X8		38.09	0.58	0.45	37.97	0.42	0.32

Summary Statistics

	Sample K91	Sample K92
Grand Means	37.508 MPa	37.545 MPa
Stnd Dev Btwn Labs	1.286 MPa	1.327 MPa

Statistics based on 44 of 47 reporting participants

Sample K91: HIPS & Sample K92: HIPS

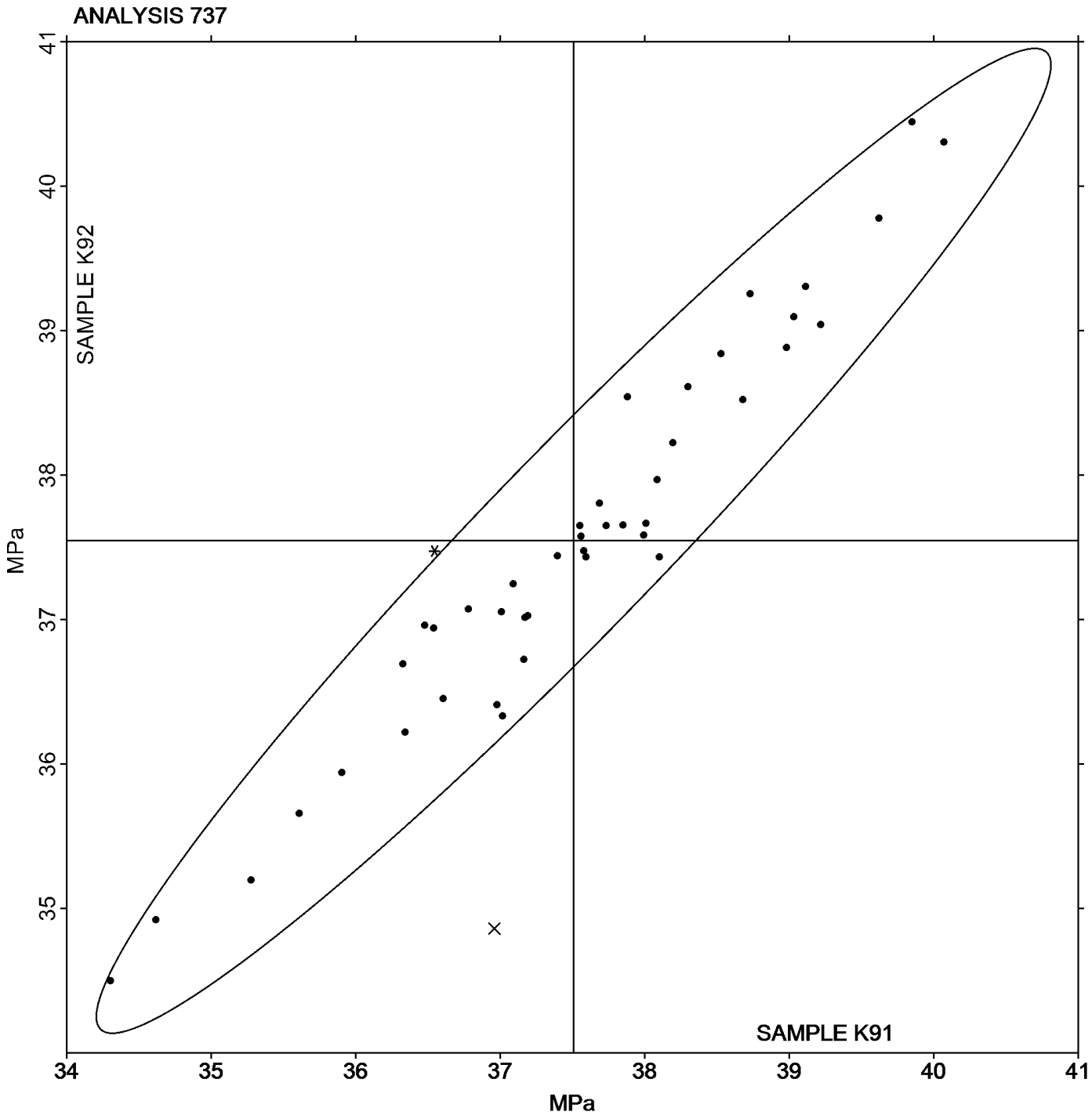
Comments on Assigned Data Flags for Test #737

MH93JW (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample K92.

KGNAX3 (X) - Data for sample K91 are low. Inconsistent within the determinations of both samples.

PN6LWB (X) - Extreme data.

Grand Mean Sample K91: 37.508 MPa Grand Mean Sample K92: 37.545 MPa



WebCode	Data Flag	Sample K91 Lab Mean	Sample K91 Diff from Grand Mean	Sample K91 CPV	Sample K92 Lab Mean	Sample K92 Diff from Grand Mean	Sample K92 CPV
3EW7UK		38.77	1.22	0.98	38.63	1.02	0.81
6AXQYU		38.57	1.02	0.82	39.12	1.51	1.20
7HLF3V		38.56	1.01	0.81	38.50	0.88	0.70
8JUV92		38.00	0.45	0.36	38.96	1.35	1.07
8WA873		39.01	1.46	1.18	38.93	1.32	1.05
9263MG	X	32.00	-5.55	-4.46	31.67	-5.95	-4.72
AHD7QD		37.87	0.32	0.26	38.04	0.43	0.34
ANJUB8		37.18	-0.37	-0.30	36.45	-1.16	-0.92
AVH3AF		34.72	-2.83	-2.27	35.08	-2.53	-2.01
BVGP4Y		36.81	-0.74	-0.59	37.14	-0.47	-0.38
CCWKTQ		38.08	0.53	0.43	37.78	0.17	0.13
D3HJPW		37.20	-0.35	-0.28	37.04	-0.58	-0.46
DANRCX		37.87	0.32	0.25	37.93	0.32	0.25
E3MPTH		38.37	0.82	0.66	38.39	0.77	0.61
E99APQ		40.12	2.57	2.06	40.35	2.74	2.18
EBV4UY		37.91	0.36	0.29	38.10	0.48	0.38
JNQ729		37.42	-0.13	-0.10	37.54	-0.07	-0.06
JZJPFE		36.34	-1.21	-0.97	36.70	-0.91	-0.72
KF49H9		35.56	-1.99	-1.60	35.44	-2.17	-1.72
KGNAX3	X	31.76	-5.79	-4.65	34.80	-2.81	-2.23
KJRDYK		39.22	1.67	1.34	39.44	1.83	1.45
M6K3RU		37.71	0.16	0.13	37.54	-0.08	-0.06
M8LH8R	X	7.99	-29.56	-23.76	8.51	-29.10	-23.09
MH93JW		37.12	-0.43	-0.35	36.94	-0.67	-0.53
NFZHL3		37.38	-0.17	-0.14	36.53	-1.08	-0.86
PAKRXL		36.61	-0.94	-0.76	37.56	-0.05	-0.04
PHF73X		35.70	-1.85	-1.49	35.76	-1.86	-1.47
PN6LWB		38.60	1.05	0.85	38.32	0.71	0.56
PPGETY		37.38	-0.17	-0.14	37.26	-0.35	-0.28
QJTQXT	X	48.80	11.25	9.04	48.80	11.19	8.88
QQABWY		37.18	-0.37	-0.29	37.38	-0.23	-0.18
RKFWKX	*	34.46	-3.09	-2.48	34.94	-2.67	-2.12
T2YAEF		38.18	0.63	0.51	37.80	0.19	0.15
VLZYME		38.82	1.27	1.02	38.64	1.03	0.82
WQQQDM		36.25	-1.30	-1.05	36.24	-1.37	-1.09

WebCode	Data Flag	Sample K91 Lab Mean	Sample K91 Diff from Grand Mean	Sample K91 CPV	Sample K92 Lab Mean	Sample K92 Diff from Grand Mean	Sample K92 CPV
WTVUCK		37.55	0.00	0.00	37.65	0.04	0.03
XVZBT8		38.79	1.24	1.00	39.47	1.85	1.47
YZTVD3		36.69	-0.86	-0.69	36.67	-0.94	-0.75
ZHH2X8		38.23	0.68	0.55	38.16	0.54	0.43

Summary Statistics

	Sample K91	Sample K92
Grand Means	37.550 MPa	37.611 MPa
Stnd Dev Btwn Labs	1.244 MPa	1.260 MPa

Statistics based on 35 of 39 reporting participants

Sample K91: HIPS & Sample K92: HIPS

Comments on Assigned Data Flags for Test #738

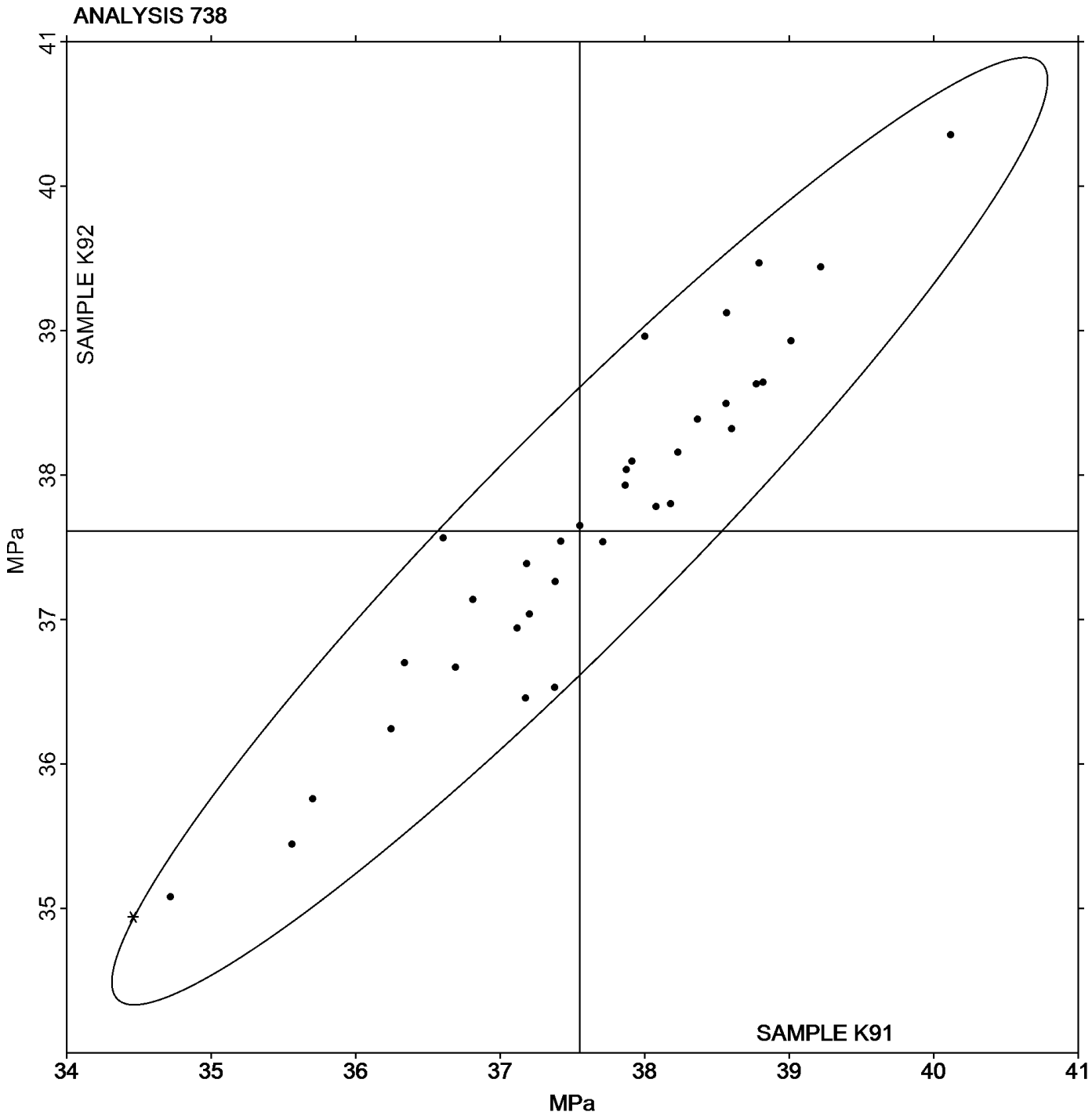
QJTQXT (X) - Data for both samples are high. Possible Systematic Error.

KGNAX3 (X) - Data for sample K91 are low. Inconsistent within the determinations of both samples.

M8LH8R (X) - Extreme data.

9263MG (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample K91: 37.550 MPa Grand Mean Sample K92: 37.611 MPa



WebCode	Data Flag	Sample X91 Lab Mean	Sample X91 Diff from Grand Mean	Sample X91 CPV	Sample X92 Lab Mean	Sample X92 Diff from Grand Mean	Sample X92 CPV	Instr Code
2JRCJ4		12.57	0.44	0.66	12.79	0.62	0.92	TO
2PGFKZ		11.50	-0.63	-0.93	12.20	0.03	0.04	KA
2V8M8E	X	18.25	6.12	9.08	15.07	2.90	4.33	TO
323MMN		13.25	1.12	1.66	13.40	1.23	1.83	CE
36TLKK		11.49	-0.63	-0.94	11.46	-0.72	-1.07	TO
3AWRFP	X	16.60	4.47	6.63	15.55	3.38	5.04	CE
3MRBML	X	13.39	1.26	1.86	12.33	0.15	0.23	XX
4CP93P		12.12	-0.01	-0.01	12.74	0.56	0.84	DY
4WW9ZB		11.75	-0.38	-0.56	11.82	-0.35	-0.53	TO
4YZZUA		11.65	-0.48	-0.72	11.76	-0.42	-0.62	TO
6AXQYU		12.45	0.32	0.48	12.25	0.08	0.12	WZ
6GE8R4		11.81	-0.32	-0.47	12.20	0.02	0.03	WZ
7DWYUC		11.61	-0.52	-0.77	11.45	-0.72	-1.08	TO
7E7GXU		11.73	-0.40	-0.60	12.35	0.18	0.26	GO
7FQUE7		12.30	0.17	0.26	11.95	-0.22	-0.33	WZ
7HLF3V		11.39	-0.74	-1.10	11.37	-0.81	-1.21	XX
88JBVZ		11.44	-0.69	-1.03	11.64	-0.54	-0.80	TO
8CADNJ		12.25	0.12	0.18	12.38	0.20	0.30	TO
8EJZ9X		11.25	-0.88	-1.30	11.39	-0.78	-1.17	TO
8WA873		11.52	-0.61	-0.90	11.54	-0.64	-0.95	DY
8ZM47K		13.00	0.87	1.29	12.60	0.43	0.64	WZ
9263MG	X	17.70	5.57	8.26	18.50	6.33	9.45	XX
9AL2PE		12.53	0.40	0.60	12.52	0.35	0.52	TO
AGAAW4	*	14.15	2.02	3.00	14.10	1.93	2.88	TO
AHD7QD		10.81	-1.32	-1.96	11.08	-1.10	-1.64	WZ
ANJUB8	X	13.80	1.67	2.48	12.65	0.48	0.71	WZ
AVH3AF		12.22	0.09	0.14	12.17	-0.01	-0.01	TO
B8PYJV		11.72	-0.41	-0.61	11.88	-0.30	-0.44	CE
BETEHW		12.25	0.12	0.17	12.13	-0.05	-0.07	TO
BVGP4Y		12.30	0.17	0.26	12.20	0.03	0.04	TO
C9CWBU	X	5.00	-7.13	-10.57	4.85	-7.32	-10.94	TO
D2UEHP	X	16.15	4.02	5.96	16.15	3.98	5.94	TO
D3HJPW		12.17	0.04	0.06	12.72	0.54	0.81	CE
D6YHHL	X	2.45	-9.68	-14.35	2.36	-9.82	-14.66	TM
E3MPTH	*	14.25	2.12	3.15	14.05	1.88	2.80	TO

WebCode	Data Flag	Sample X91 Lab Mean	Sample X91 Diff from Grand Mean	Sample X91 CPV	Sample X92 Lab Mean	Sample X92 Diff from Grand Mean	Sample X92 CPV	Instr Code
E99APQ		11.78	-0.35	-0.51	11.58	-0.60	-0.89	TO
EBV4UY		12.14	0.01	0.02	12.17	-0.01	-0.01	TO
GVW26Q		11.30	-0.82	-1.22	11.76	-0.41	-0.61	CE
GWUADA		12.62	0.49	0.73	12.62	0.45	0.67	KA
HABNP9		12.77	0.64	0.95	13.26	1.08	1.62	TO
HKQGHN		11.94	-0.19	-0.28	11.81	-0.36	-0.54	TO
JJVBJA		12.67	0.54	0.80	12.72	0.55	0.82	TO
JNQ729		12.15	0.02	0.03	12.05	-0.12	-0.18	TY
JVM22T		12.65	0.52	0.77	12.75	0.58	0.86	TO
JZJPFE		11.80	-0.33	-0.49	11.60	-0.57	-0.86	CE
KF49H9		11.50	-0.63	-0.93	11.15	-1.02	-1.53	CE
KGNAX3		12.20	0.07	0.11	11.85	-0.32	-0.48	TO
KJRDYK		11.58	-0.55	-0.81	11.72	-0.45	-0.68	TO
KMBR3K		11.45	-0.67	-1.00	11.33	-0.85	-1.26	XX
LKG789		11.40	-0.73	-1.08	11.40	-0.77	-1.15	XX
M8LH8R	X	5.00	-7.13	-10.57	5.10	-7.07	-10.56	CE
M94TFD		13.22	1.09	1.62	13.47	1.29	1.93	TO
MGVZPP		11.79	-0.34	-0.50	11.71	-0.47	-0.70	TO
MH93JW		11.69	-0.44	-0.66	11.38	-0.79	-1.18	CE
MMKTBH		13.31	1.18	1.75	13.01	0.84	1.25	TO
MZBP9A		11.63	-0.50	-0.74	11.68	-0.50	-0.74	DY
NHQ9MT	X	11.70	-0.43	-0.63	13.00	0.83	1.24	TY
PCGDFX	X	12.30	0.17	0.26	11.20	-0.97	-1.45	WZ
PHF73X		11.94	-0.19	-0.28	11.92	-0.25	-0.38	DY
PL4DUL		11.98	-0.14	-0.21	11.40	-0.77	-1.15	TO
PN6LWB		11.25	-0.88	-1.30	11.40	-0.77	-1.15	KA
QMTTAV		13.45	1.32	1.96	13.00	0.83	1.24	TO
QQABWY		12.05	-0.08	-0.12	11.50	-0.68	-1.01	WZ
RCF37Q		11.19	-0.94	-1.40	11.53	-0.64	-0.96	TO
RKFWKX		12.11	-0.02	-0.03	12.27	0.10	0.14	GO
RQHTNN		12.10	-0.03	-0.04	12.25	0.08	0.12	WZ
RURKEH		11.65	-0.48	-0.71	12.20	0.03	0.04	XX
T2MZHG		12.35	0.22	0.33	12.30	0.13	0.19	XX
TJK8QM	X	15.40	3.27	4.86	15.47	3.29	4.92	TO
TNE6FE		12.22	0.09	0.14	12.59	0.42	0.63	DY

WebCode	Data Flag	Sample X91 Lab Mean	Sample X91 Diff from Grand Mean	Sample X91 CPV	Sample X92 Lab Mean	Sample X92 Diff from Grand Mean	Sample X92 CPV	Instr Code
UL3CRB		12.95	0.82	1.22	12.95	0.77	1.15	DY
VLZYME		12.16	0.03	0.04	11.74	-0.44	-0.65	WZ
VY7XWL	X	14.64	2.51	3.73	14.86	2.69	4.01	DY
WF6498		12.75	0.62	0.92	12.78	0.61	0.91	RR
WQQQDM		13.50	1.37	2.04	13.75	1.58	2.36	TO
WRKWWG	X	16.01	3.88	5.75	15.86	3.68	5.50	CE
WVLMZT		12.30	0.17	0.26	12.05	-0.12	-0.18	CE
XJGA72		12.58	0.45	0.66	12.57	0.40	0.59	TO
XKGU7T		12.13	0.00	0.00	12.17	0.00	0.00	TO
YZTVD3		12.10	-0.03	-0.04	12.30	0.13	0.19	TO
Z7CHLD		12.00	-0.13	-0.19	12.40	0.23	0.34	CE
Z8MP38		11.51	-0.62	-0.92	11.61	-0.56	-0.84	TO
ZDR4NP		12.45	0.32	0.48	12.55	0.38	0.56	TO
ZFGVV9		11.72	-0.41	-0.61	11.84	-0.33	-0.50	TO
ZGR8M4		11.61	-0.52	-0.77	12.13	-0.04	-0.06	XX

Summary Statistics

	Sample X91	Sample X92
Grand Means	12.127 grams/10 mins	12.173 grams/10 mins
Stnd Dev Btwn Labs	0.674 grams/10 mins	0.670 grams/10 mins

Statistics based on 71 of 85 reporting participants

Sample X91: PP & Sample X92: PP

Comments on Assigned Data Flags for Test #750

D2UEHP (X) - Data for both samples are high. Possible Systematic Error.

VY7XWL (X) - Data for both samples are high. Possible Systematic Error.

NHQ9MT (X) - Inconsistent in testing between samples.

ANJUB8 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample X91.

2V8M8E (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample X91.

PCGDFX (X) - Inconsistent in testing between samples.

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

D6YHHL (X) - Data for both samples are low.

TJK8QM (X) - Data for both samples are high. Possible Systematic Error.

WRKWWG (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample X92.

M8LH8R (X) - Data for both samples are low.

C9CWBU (X) - Data for both samples are low.

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

9263MG (X) - Data for both samples are high. Possible Systematic Error.

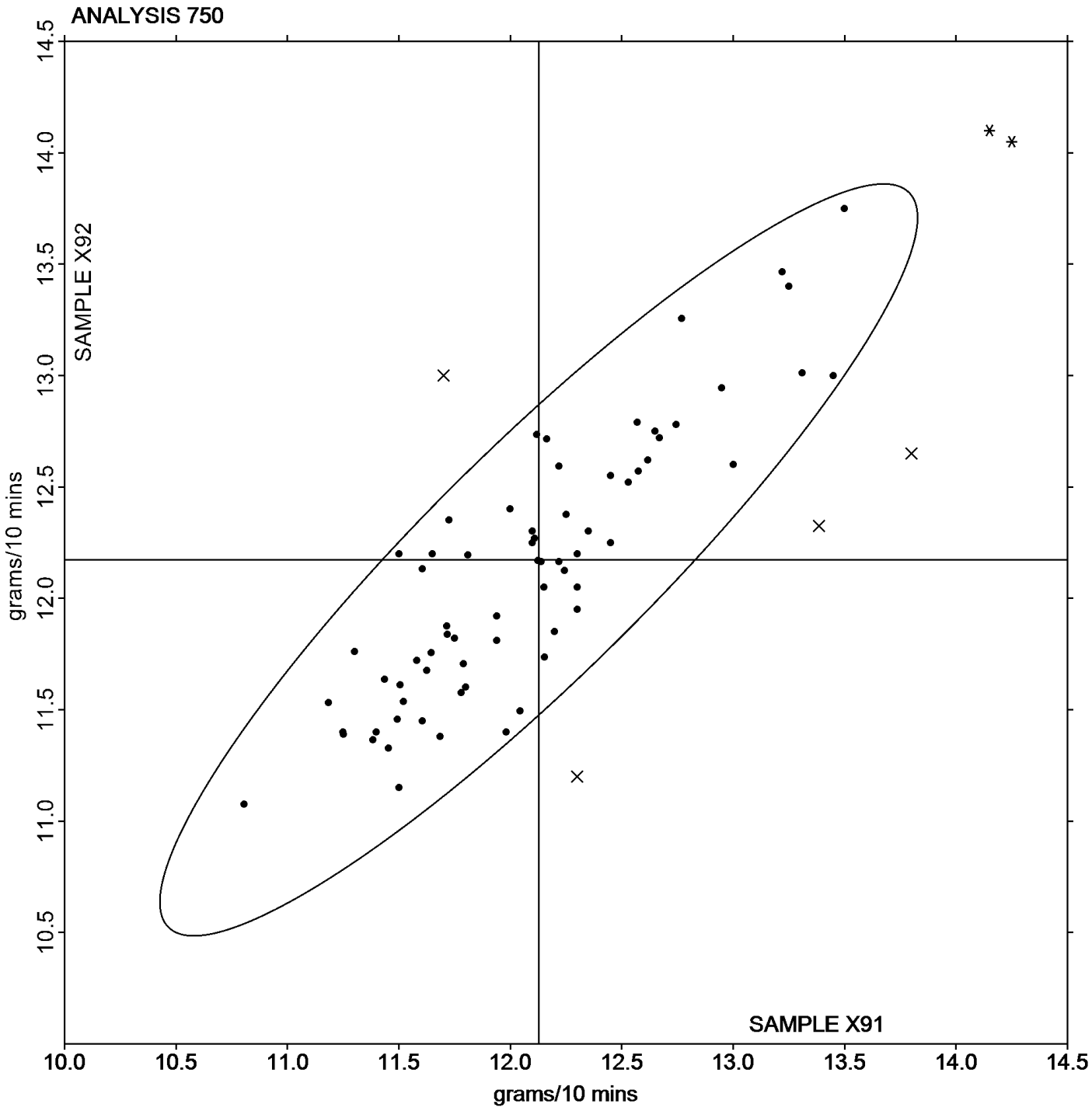
Results by Methodology (as reported by laboratory)

	Sample X91 *PP*			Sample X92 *PP*			
Test Methodology	Group Mean	Btwn Lab STD	Diff from GM	Group Mean	Btwn Lab STD	Diff from GM	Labs Incl / Rpt
Procedure A of ASTM D1238	12.230	0.597	0.10	12.273	0.641	0.10	35/40
Procedure B of ASTM D1238	11.989	0.681	-0.14	12.116	0.653	-0.06	17/21
Procedure A of ISO 1133	12.112	0.615	-0.02	12.102	0.552	-0.07	12/15
Procedure B of ISO 1133	12.200	1.267	0.07	12.165	1.160	-0.01	5/7

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample X91: 12.127 grams/10 mins Grand Mean Sample X92: 12.173 grams/10 mins



WebCode	Data Flag	Sample Y91 Lab Mean	Sample Y91 Diff from Grand Mean	Sample Y91 CPV	Sample Y92 Lab Mean	Sample Y92 Diff from Grand Mean	Sample Y92 CPV	Instr Code
2KZLFG	*	0.05300	0.03374	2.81	0.04750	0.02845	2.25	MU
4CP93P		0.00543	-0.01383	-1.15	0.00377	-0.01529	-1.21	AZ
7FQUE7	*	0.05343	0.03417	2.85	0.05623	0.03718	2.95	BA
7HLF3V		0.01887	-0.00039	-0.03	0.01777	-0.00129	-0.10	MU
7NKY88		0.01333	-0.00593	-0.49	0.01733	-0.00172	-0.14	BA
7VU2PU		0.01850	-0.00076	-0.06	0.02550	0.00645	0.51	CT
8CADNJ	*	0.02450	0.00524	0.44	0.00750	-0.01155	-0.92	CT
8JUV92	*	0.01633	-0.00293	-0.24	0.00233	-0.01672	-1.32	CT
8ZM47K		0.00267	-0.01659	-1.38	0.00233	-0.01672	-1.32	MJ
AHD7QD		0.02650	0.00724	0.60	0.02950	0.01045	0.83	MU
ANJUB8		0.02633	0.00707	0.59	0.01967	0.00061	0.05	MU
AVH3AF		0.01050	-0.00876	-0.73	0.01350	-0.00555	-0.44	AZ
CMCXNV		0.01333	-0.00593	-0.49	0.01467	-0.00439	-0.35	XX
D2UEHP		0.01433	-0.00493	-0.41	0.01400	-0.00505	-0.40	ML
DY6ALC		0.01050	-0.00876	-0.73	0.01350	-0.00555	-0.44	MU
EU9QF8		0.00800	-0.01126	-0.94	0.00667	-0.01239	-0.98	CT
HKQGHN		0.01867	-0.00059	-0.05	0.01733	-0.00172	-0.14	BA
JJVBJA		0.01700	-0.00226	-0.19	0.02633	0.00728	0.58	CT
JZJPFE		0.02500	0.00574	0.48	0.03000	0.01095	0.87	MU
KF49H9		0.03867	0.01941	1.62	0.03867	0.01961	1.55	MU
KGNAX3		0.02033	0.00107	0.09	0.00833	-0.01072	-0.85	MU
LKG789		0.01240	-0.00686	-0.57	0.01290	-0.00615	-0.49	MK
M8LH8R		0.00590	-0.01336	-1.11	0.00587	-0.01319	-1.04	CT
MZBP9A		0.01201	-0.00725	-0.60	0.01122	-0.00783	-0.62	XX
NZN7UA		0.02500	0.00574	0.48	0.02600	0.00695	0.55	SA
PAKRXL		0.03600	0.01674	1.39	0.03767	0.01861	1.48	CT
PHH24C		0.01317	-0.00609	-0.51	0.01360	-0.00545	-0.43	CS
PL4DUL		0.02460	0.00534	0.44	0.02570	0.00665	0.53	ML
PN6LWB		0.01000	-0.00926	-0.77	0.01000	-0.00905	-0.72	MU
QHTJ3A		0.02750	0.00824	0.69	0.02850	0.00945	0.75	SB
QJTQXT		0.01067	-0.00859	-0.72	0.01133	-0.00772	-0.61	AZ
QMTTAV		0.01750	-0.00176	-0.15	0.02150	0.00245	0.19	XX
UL3CRB		0.02343	0.00417	0.35	0.02623	0.00718	0.57	BA
VLZYME		0.01030	-0.00896	-0.75	0.01543	-0.00362	-0.29	AZ
VP2GTG		0.00600	-0.01326	-1.10	0.00633	-0.01272	-1.01	AZ

WebCode	Data Flag	Sample Y91 Lab Mean	Sample Y91 Diff from Grand Mean	Sample Y91 CPV	Sample Y92 Lab Mean	Sample Y92 Diff from Grand Mean	Sample Y92 CPV	Instr Code
XJGA72		0.03400	0.01474	1.23	0.03267	0.01361	1.08	CT
ZBJHRW		0.00897	-0.01029	-0.86	0.00753	-0.01152	-0.91	AZ

Summary Statistics

	Sample Y91	Sample Y92
Grand Means	0.019262 Percent	0.019052 Percent
Stnd Dev Btwn Labs	0.012004 Percent	0.012618 Percent

Statistics based on 37 of 37 reporting participants

Sample Y91: HIPS & Sample Y92: HIPS

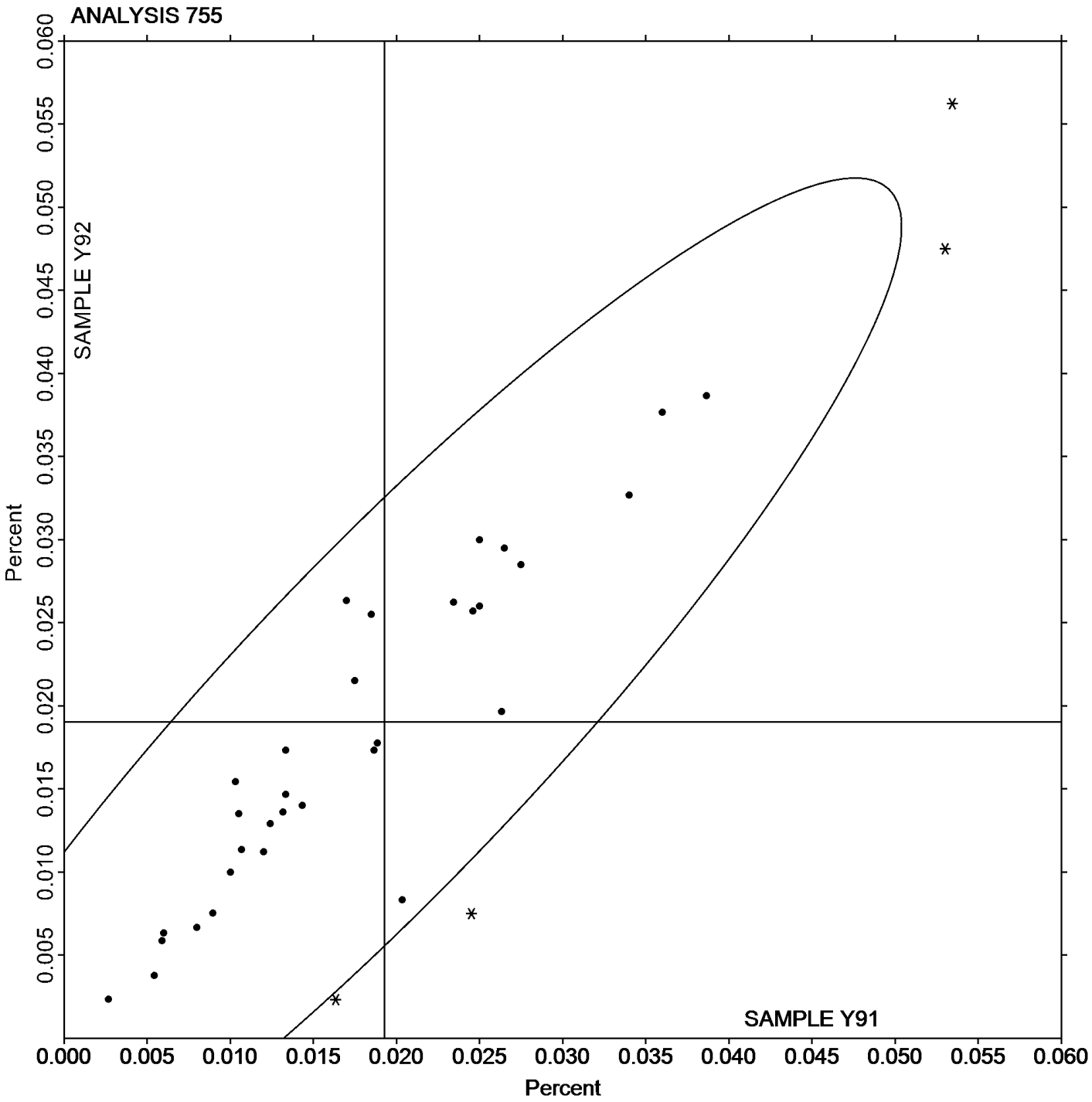
Results by Methodology (as reported by laboratory)

Test Methodology	Sample Y91 HIPS Group Mean	Sample Y91 HIPS Btwn Lab STD	Sample Y91 HIPS Diff from GM	Sample Y92 HIPS Group Mean	Sample Y92 HIPS Btwn Lab STD	Sample Y92 HIPS Diff from GM	Labs Incl / Rpt
ASTM D6869	0.017133	0.011899	-0.0021	0.016019	0.012257	-0.0030	7/7
ISO 15512 Method B	0.017983	0.006191	-0.0013	0.016083	0.003170	-0.0030	4/4
ASTM D6980	0.023362	0.012607	0.0041	0.024536	0.011830	0.0055	13/13
ASTM D7191	0.009964	0.004500	-0.0093	0.009170	0.004504	-0.0099	7/7

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample Y91: 0.01926 Percent Grand Mean Sample Y92: 0.01905 Percent



WebCode	Data Flag	Sample L91 Lab Mean	Sample L91 Diff from Grand Mean	Sample L91 CPV	Sample L92 Lab Mean	Sample L92 Diff from Grand Mean	Sample L92 CPV
3MRBML		29.645	-0.026	-0.16	29.590	-0.110	-1.40
6AXQYU		29.600	-0.071	-0.44	29.670	-0.030	-0.38
6GE8R4		29.725	0.054	0.33	29.870	0.170	2.17
7E7GXU		29.770	0.099	0.61	29.765	0.065	0.83
7FQUE7	X	29.360	-0.311	-1.94	29.275	-0.425	-5.42
7HLF3V		29.670	-0.001	-0.01	29.811	0.111	1.42
7VU2PU		29.490	-0.181	-1.13	29.615	-0.085	-1.08
8CADNJ	X	29.800	0.129	0.80	29.050	-0.650	-8.28
8JUV92		29.885	0.214	1.33	29.735	0.035	0.45
8ZM47K		29.685	0.014	0.09	29.735	0.035	0.45
9QTV69		29.803	0.132	0.82	29.736	0.036	0.46
A96CUZ		29.730	0.059	0.37	29.720	0.020	0.26
AHD7QD		29.655	-0.016	-0.10	29.650	-0.050	-0.64
ANJUB8		29.785	0.114	0.71	29.650	-0.050	-0.64
AVH3AF		29.690	0.019	0.12	29.735	0.035	0.45
B9Y7LN		29.670	-0.001	-0.01	29.605	-0.095	-1.21
BVGP4Y		29.730	0.059	0.37	29.770	0.070	0.89
C9CWBU	X	29.220	-0.451	-2.81	30.170	0.470	5.99
CCWKTQ		29.760	0.089	0.55	29.750	0.050	0.64
D2UEHP		29.760	0.089	0.55	29.600	-0.100	-1.27
D846VQ		29.700	0.029	0.18	29.750	0.050	0.64
DMCTR4		29.688	0.017	0.10	29.794	0.094	1.20
E3MPTH		29.700	0.029	0.18	29.650	-0.050	-0.64
E99APQ		29.775	0.104	0.65	29.695	-0.005	-0.06
EBV4UY		29.750	0.079	0.49	29.775	0.075	0.96
F8AYCF		29.860	0.189	1.17	29.810	0.110	1.40
GCKCRT	X	30.921	1.249	7.78	31.308	1.608	20.50
GWUADA		29.710	0.039	0.24	29.765	0.065	0.83
JJVBJA		29.470	-0.201	-1.25	29.580	-0.120	-1.53
JNQJUQ		29.705	0.034	0.21	29.675	-0.025	-0.32
JZJPFE		29.725	0.054	0.33	29.680	-0.020	-0.25
KGNAX3		29.700	0.029	0.18	29.720	0.020	0.26
KJRDYK	*	29.455	-0.216	-1.35	29.495	-0.205	-2.61
MH93JW		29.665	-0.006	-0.04	29.680	-0.020	-0.25
MM3WK4	*	29.300	-0.371	-2.31	29.700	0.000	0.00

WebCode	Data Flag	Sample L91 Lab Mean	Sample L91 Diff from Grand Mean	Sample L91 CPV	Sample L92 Lab Mean	Sample L92 Diff from Grand Mean	Sample L92 CPV
MZBP9A		29.695	0.024	0.15	29.720	0.020	0.26
NFZHL3		29.715	0.044	0.27	29.700	0.000	0.00
NJJ46V		29.771	0.099	0.62	29.711	0.011	0.14
PAKRXL	*	29.200	-0.471	-2.93	29.680	-0.020	-0.25
PHH24C		29.735	0.064	0.40	29.675	-0.025	-0.32
PL4DUL	*	29.655	-0.016	-0.10	29.475	-0.225	-2.87
PN6LWB		29.796	0.125	0.78	29.743	0.043	0.55
PPGETY	*	29.200	-0.471	-2.93	29.630	-0.070	-0.89
QJTQXT	X	30.184	0.513	3.19	30.167	0.467	5.95
QMTTAV	*	29.300	-0.371	-2.31	29.700	0.000	0.00
QQABWY		29.785	0.114	0.71	29.740	0.040	0.51
RKFWKX	X	29.225	-0.446	-2.78	29.770	0.070	0.89
RQHTNN		29.743	0.072	0.45	29.729	0.029	0.38
RURKEH		30.005	0.334	2.08	29.790	0.090	1.15
UL3CRB		29.648	-0.024	-0.15	29.620	-0.080	-1.02
ULMH43		29.755	0.084	0.52	29.680	-0.020	-0.25
VLZYME		29.410	-0.261	-1.63	29.630	-0.070	-0.89
VP2GTG	X	29.670	-0.001	-0.01	29.425	-0.275	-3.50
WF6498		29.770	0.099	0.61	29.800	0.100	1.28
XJGA72	X	29.585	-0.086	-0.54	32.990	3.290	41.94
XVZBT8		29.750	0.079	0.49	29.770	0.070	0.89
YZTVD3		29.775	0.104	0.65	29.765	0.065	0.83
ZDR4NP		29.685	0.014	0.09	29.750	0.050	0.64
ZGR8M4		29.589	-0.083	-0.52	29.609	-0.091	-1.16

Summary Statistics

	Sample L91	Sample L92
Grand Means	29.6713 Percent	29.6999 Percent
Stnd Dev Btwn Labs	0.1606 Percent	0.0784 Percent

Statistics based on 51 of 59 reporting participants

Sample L91: PBT & Sample L92: PBT

Comments on Assigned Data Flags for Test #757

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

8CADNJ (X) - Data for sample L92 are low. Inconsistent within the determinations of sample L91.

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

RKFWKX (X) - Data for sample L91 are low. Inconsistent within the determinations of both samples.

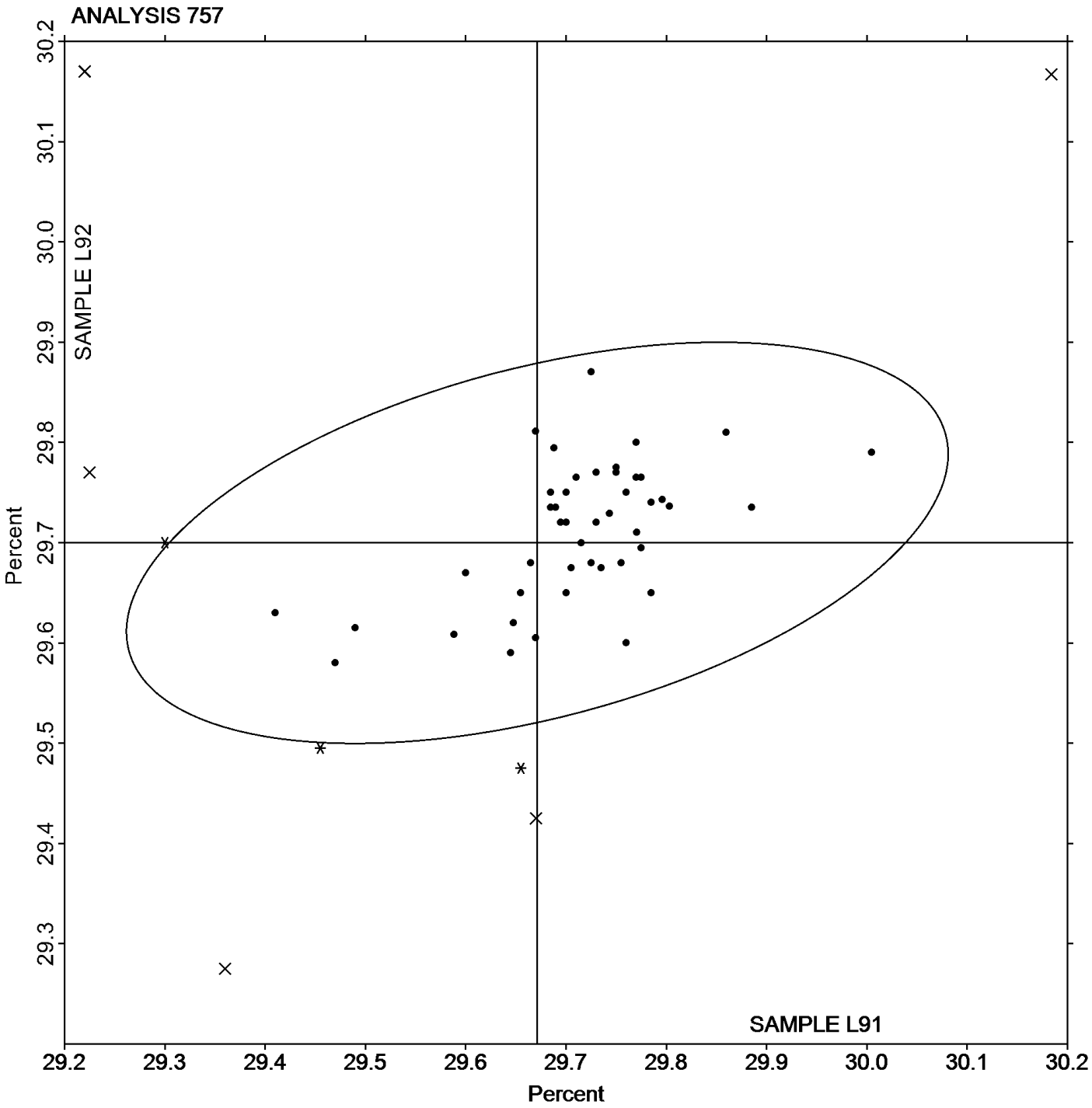
VP2GTG (X) - Data for sample L92 are low. Inconsistent within the determinations of sample L92.

C9CWBU (X) - Data for sample L91 are low and data for sample L92 are high. Inconsistent within the determinations of sample L91.

7FQUE7 (X) - Data for sample L92 are low.

XJGA72 (X) - Data for sample L92 are high. Inconsistent within the determinations of sample L92.

Grand Mean Sample L91: 29.671 Percent Grand Mean Sample L92: 29.700 Percent



WebCode	Data Flag	Sample A91 Lab Mean	Sample A91 Diff from Grand Mean	Sample A91 CPV	Sample A92 Lab Mean	Sample A92 Diff from Grand Mean	Sample A92 CPV	Instr Code
6AXQYU		78.71	0.09	0.05	79.70	0.45	0.79	TA
DANRCX		79.15	0.54	0.28	79.34	0.10	0.18	XX
GCKCRT	M	0.39	-78.22	-40.03	No data reported for this sample			PE
JVM22T		78.49	-0.12	-0.06	78.53	-0.72	-1.25	TA
JZJPFE		79.61	1.00	0.51	79.25	0.00	0.01	TA
MZBP9A		79.27	0.66	0.34	79.21	-0.03	-0.06	TA
PHF73X		77.96	-0.65	-0.33	77.98	-1.26	-2.19	TA
PL4DUL		79.11	0.50	0.25	79.72	0.48	0.83	TA
PN6LWB		79.61	1.00	0.51	79.66	0.41	0.72	TA
RKFWKX		73.01	-5.61	-2.87	79.23	-0.02	-0.03	XX
UJFNHV		79.93	1.32	0.68	79.07	-0.17	-0.30	TA
VYMNR7		79.88	1.26	0.65	79.99	0.74	1.29	TA

Summary Statistics

	Sample A91	Sample A92
Grand Means	78.610 Percent	79.241 Percent
Stnd Dev Btwn Labs	1.954 Percent	0.575 Percent

Statistics based on 11 of 12 reporting participants

Sample A91: PP & Sample A92: PP

Comments on Assigned Data Flags for Test #758

GCKCRT (M) - Participant did not submit data for sample A92.

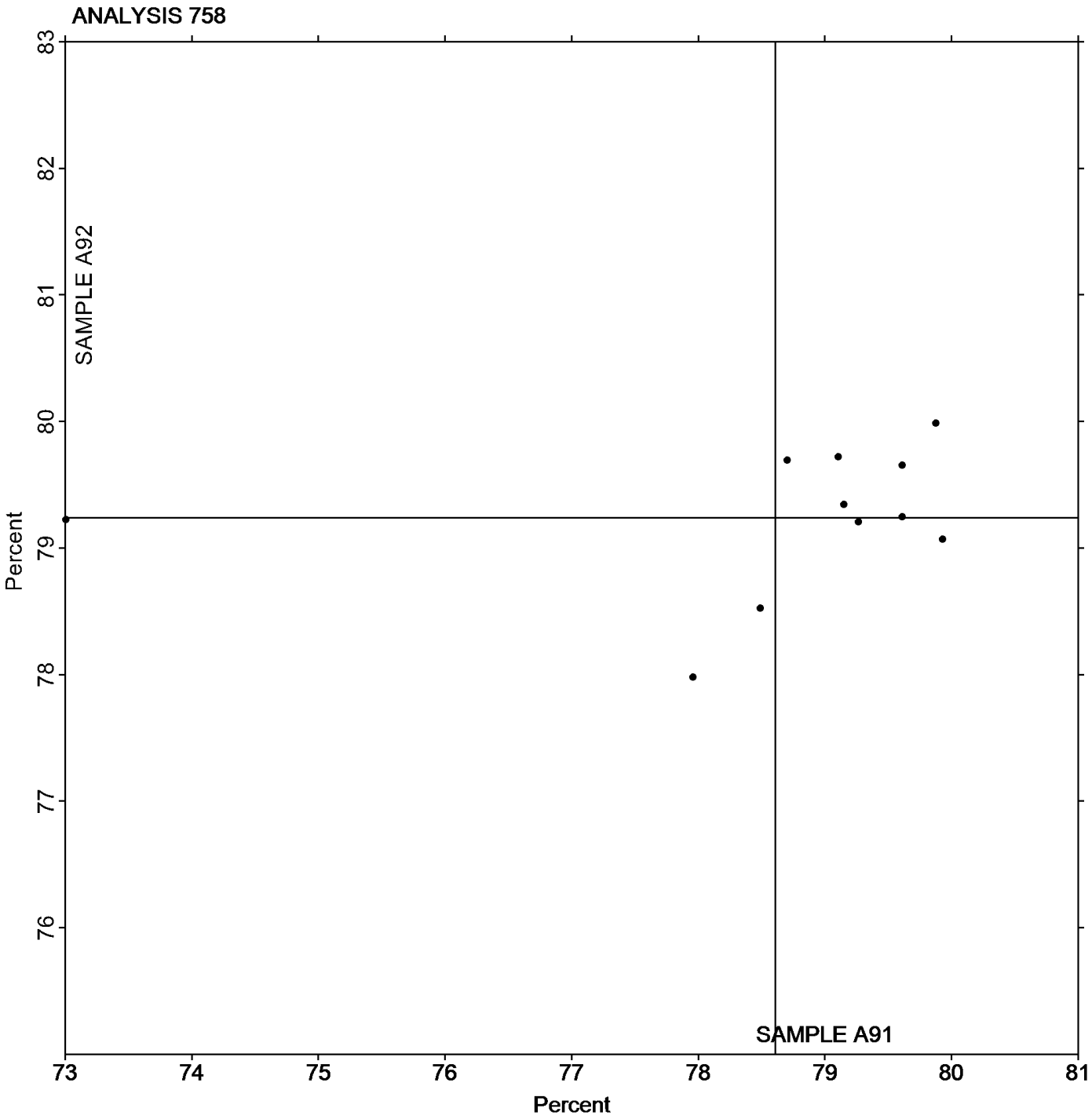
Results by Methodology (as reported by laboratory)

Test Methodology	Sample A91 PP Group Mean	Sample A91 PP Btwn Lab STD	Sample A91 PP Diff from GM	Sample A92 PP Group Mean	Sample A92 PP Btwn Lab STD	Sample A92 PP Diff from GM	Labs Incl / Rpt
ASTM D3850	79.170	0.676	0.56	79.465	0.644	0.22	4/5
ISO 11358	79.175	0.750	0.56	79.044	0.644	-0.20	5/5

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample A91: 78.610 Percent Grand Mean Sample A92: 79.241 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 W91 Lab Mean	Sample W91 Diff from Grand Mean	Sample W91 CPV	Sample W92 Lab Mean	Sample W92 Diff from Grand Mean	Sample W92 CPV	Instr Code
3AWRFP	*	175.63	2.85	0.68	178.97	5.71	1.31	MT
3MRBML		169.97	-2.81	-0.67	170.57	-2.68	-0.61	TA
6AXQYU		172.07	-0.71	-0.17	172.49	-0.77	-0.18	TA
6GE8R4		174.31	1.53	0.37	176.13	2.87	0.66	TA
6P8JKC	X	170.46	-2.32	-0.56	177.86	4.61	1.06	MT
7HLF3V		177.86	5.08	1.21	179.13	5.88	1.34	TA
7QC6KQ		172.90	0.12	0.03	172.63	-0.62	-0.14	TA
8JUV92		168.94	-3.84	-0.92	168.20	-5.06	-1.16	PE
8WA873		169.33	-3.45	-0.83	169.06	-4.19	-0.96	TA
9263MG		172.43	-0.35	-0.08	172.07	-1.19	-0.27	TA
B9Y7LN	M	176.20	3.42	0.82	No data reported for this sample			TA
CMCXNV		166.37	-6.42	-1.54	166.83	-6.42	-1.47	NZ
D3HJPW		168.16	-4.62	-1.11	169.74	-3.51	-0.80	TA
D4Y89H		175.59	2.81	0.67	175.77	2.52	0.58	TA
DANRCX		178.66	5.88	1.41	178.89	5.63	1.29	XX
H3P4HG		173.73	0.95	0.23	173.43	0.18	0.04	PE
JVM22T		170.27	-2.52	-0.60	170.93	-2.32	-0.53	TA
JZJPFE		166.90	-5.88	-1.41	167.53	-5.72	-1.31	NZ
MM3WK4		179.16	6.38	1.53	178.62	5.37	1.23	TA
MZBP9A		169.73	-3.05	-0.73	169.50	-3.75	-0.86	TA
NHQ9MT		181.43	8.65	2.07	181.67	8.41	1.93	SH
NL9BPR		166.72	-6.07	-1.45	167.73	-5.52	-1.26	TA
NLMZNX		173.84	1.06	0.25	173.98	0.73	0.17	TA
PHF73X		179.37	6.58	1.58	179.37	6.11	1.40	TA
QMTTAV		167.37	-5.42	-1.30	167.20	-6.05	-1.38	NZ
QQABWY		170.67	-2.12	-0.51	170.47	-2.79	-0.64	TA
RKFWKX		176.37	3.59	0.86	177.75	4.50	1.03	TA
TB9GFA	X	149.51	-23.27	-5.57	155.46	-17.80	-4.07	TA
U8HKKA		177.60	4.82	1.15	179.03	5.78	1.32	NZ
UJFNHV		175.86	3.08	0.74	176.62	3.37	0.77	TA
UL3CRB		169.57	-3.21	-0.77	169.32	-3.93	-0.90	XX
VFEYDU		169.23	-3.55	-0.85	169.43	-3.82	-0.87	PE
VLZYME		170.74	-2.04	-0.49	170.79	-2.46	-0.56	TA
VY7XWL		171.05	-1.73	-0.42	171.26	-1.99	-0.46	TA
VYMNR7		177.74	4.95	1.19	177.76	4.50	1.03	TA

WebCode	Data Flag	Sample W91 Lab Mean	Sample W91 Diff from Grand Mean	Sample W91 CPV	Sample W92 Lab Mean	Sample W92 Diff from Grand Mean	Sample W92 CPV	Instr Code
ZGR8M4		172.30	-0.48	-0.12	174.45	1.20	0.27	TA

Summary Statistics

	Sample W91	Sample W92
Grand Means	172.785 Degrees Celsius	173.253 Degrees Celsius
Stnd Dev Btwn Labs	4.178 Degrees Celsius	4.370 Degrees Celsius

Statistics based on 33 of 36 reporting participants

Sample W91: PBT & Sample W92: PBT

Comments on Assigned Data Flags for Test #760

6P8JKC (X) - Inconsistent in testing between samples.

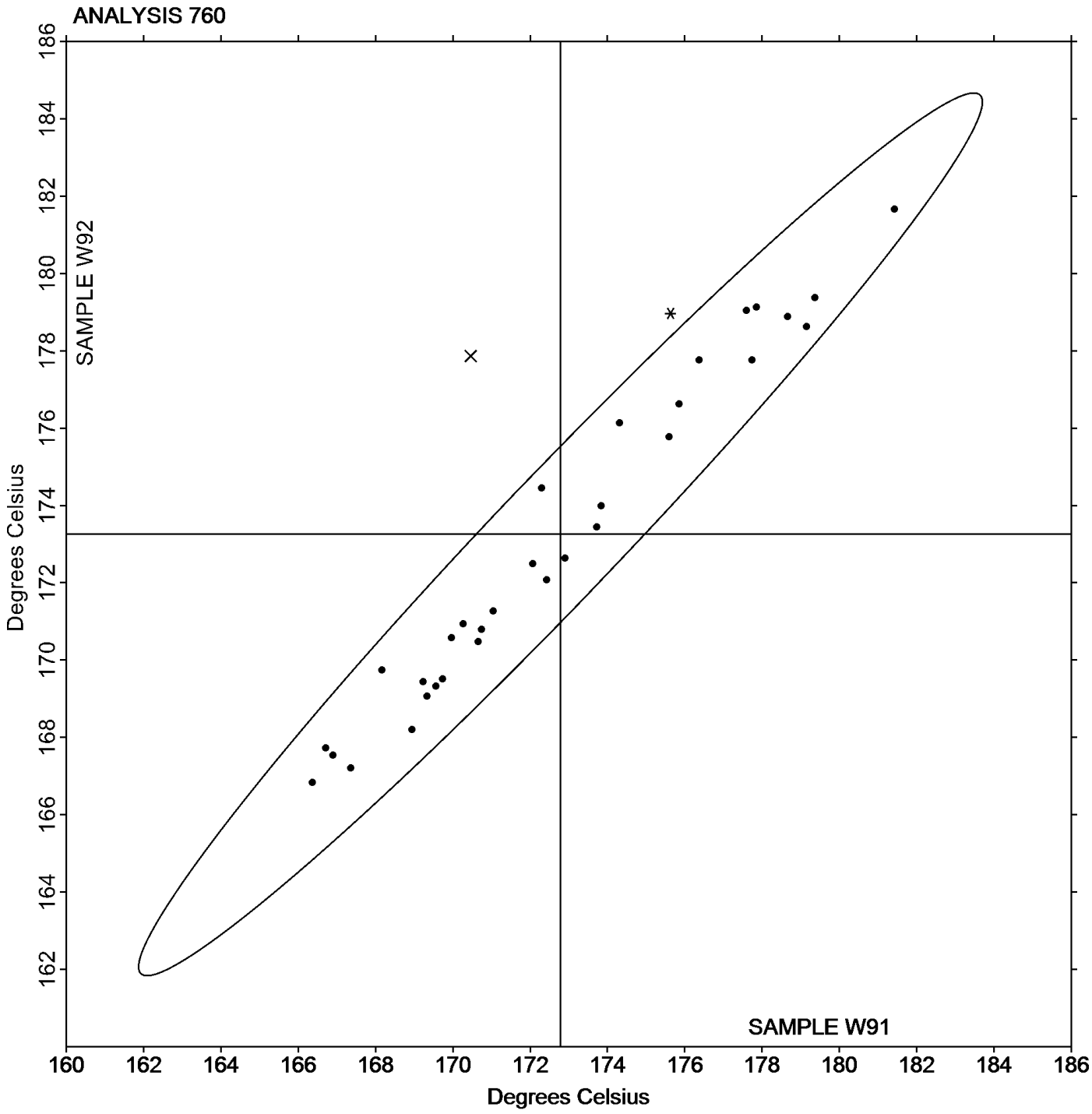
TB9GFA (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

B9Y7LN (M) - Participant did not submit data for sample W92.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W91: 172.78 Degrees Celsius Grand Mean Sample W92: 173.25 Degrees Celsius



WebCode	Data Flag	Sample W91 Lab Mean	Sample W91 Diff from Grand Mean	Sample W91 CPV	Sample W92 Lab Mean	Sample W92 Diff from Grand Mean	Sample W92 CPV	Instr Code
3MRBML		223.86	0.48	0.38	223.68	0.41	0.35	XX
6AXQYU		223.60	0.22	0.17	222.90	-0.37	-0.33	TA
6GE8R4		224.08	0.70	0.56	223.68	0.41	0.35	TA
6P8JKC		222.98	-0.40	-0.32	223.18	-0.09	-0.08	MT
7HLF3V		222.79	-0.59	-0.47	222.04	-1.23	-1.08	TA
7QC6KQ		222.43	-0.95	-0.76	222.70	-0.58	-0.50	TA
8JUV92	*	220.00	-3.38	-2.73	221.07	-2.21	-1.93	PE
8WA873		222.28	-1.10	-0.89	222.68	-0.60	-0.52	TA
9263MG		222.03	-1.35	-1.09	222.70	-0.58	-0.50	TA
B9Y7LN	M	223.60	0.22	0.18	No data reported for this sample			TA
CMCXNV		222.83	-0.55	-0.44	222.83	-0.44	-0.39	NZ
D3HJPW		225.42	2.04	1.65	224.80	1.52	1.33	TA
D4Y89H		223.48	0.10	0.08	223.29	0.01	0.01	TA
DANRCX		223.56	0.18	0.14	224.11	0.83	0.73	XX
F2349Z		223.70	0.32	0.26	224.13	0.86	0.75	TA
H3P4HG		224.40	1.02	0.82	224.70	1.42	1.24	XX
HKQGHN		221.49	-1.89	-1.53	221.33	-1.95	-1.70	TA
JVM22T		221.77	-1.61	-1.30	221.17	-2.11	-1.84	TA
JZJPFE		225.03	1.65	1.33	224.70	1.42	1.24	NZ
MM3WK4		223.55	0.17	0.14	224.51	1.23	1.07	TA
MZBP9A		223.43	0.05	0.04	223.36	0.08	0.07	TA
NHQ9MT		224.07	0.69	0.55	224.23	0.96	0.83	SH
NJJ46V		223.02	-0.36	-0.29	222.80	-0.47	-0.41	TA
NL9BPR		223.69	0.31	0.25	223.52	0.24	0.21	TA
NLMZNX		224.42	1.04	0.84	224.73	1.45	1.26	TA
PHF73X		222.53	-0.85	-0.68	222.37	-0.91	-0.80	TA
PL4DUL		224.98	1.60	1.29	224.29	1.01	0.88	TA
QMTTAV		223.93	0.55	0.45	223.57	0.29	0.25	NZ
QQABWY		222.77	-0.61	-0.50	222.50	-0.78	-0.68	TA
RKFWKX		221.49	-1.89	-1.53	221.99	-1.29	-1.13	TA
TB9GFA		224.96	1.58	1.27	223.97	0.69	0.60	TA
U8HKKA	*	220.80	-2.58	-2.08	220.33	-2.94	-2.57	NZ
UJFNHV		223.75	0.37	0.30	223.34	0.06	0.05	TA
UL3CRB		223.71	0.33	0.27	223.55	0.27	0.23	XX
VFEYDU		223.63	0.25	0.20	223.27	-0.01	-0.01	PE

WebCode	Data Flag	Sample W91 Lab Mean	Sample W91 Diff from Grand Mean	Sample W91 CPV	Sample W92 Lab Mean	Sample W92 Diff from Grand Mean	Sample W92 CPV	Instr Code
VLZYME		224.27	0.89	0.72	224.32	1.04	0.91	TA
VP2GTG	X	238.33	14.95	12.07	226.33	3.06	2.67	XX
VY7XWL		225.11	1.73	1.40	224.58	1.30	1.13	TA
VYMNR7		223.49	0.11	0.09	222.65	-0.63	-0.55	TA
ZGR8M4		225.12	1.74	1.40	225.02	1.74	1.52	XX

Summary Statistics

	Sample W91	Sample W92
Grand Means	223.381 Degrees Celsius	223.278 Degrees Celsius
Stnd Dev Btwn Labs	1.239 Degrees Celsius	1.146 Degrees Celsius

Statistics based on 38 of 40 reporting participants

Sample W91: PBT & Sample W92: PBT

Comments on Assigned Data Flags for Test #761

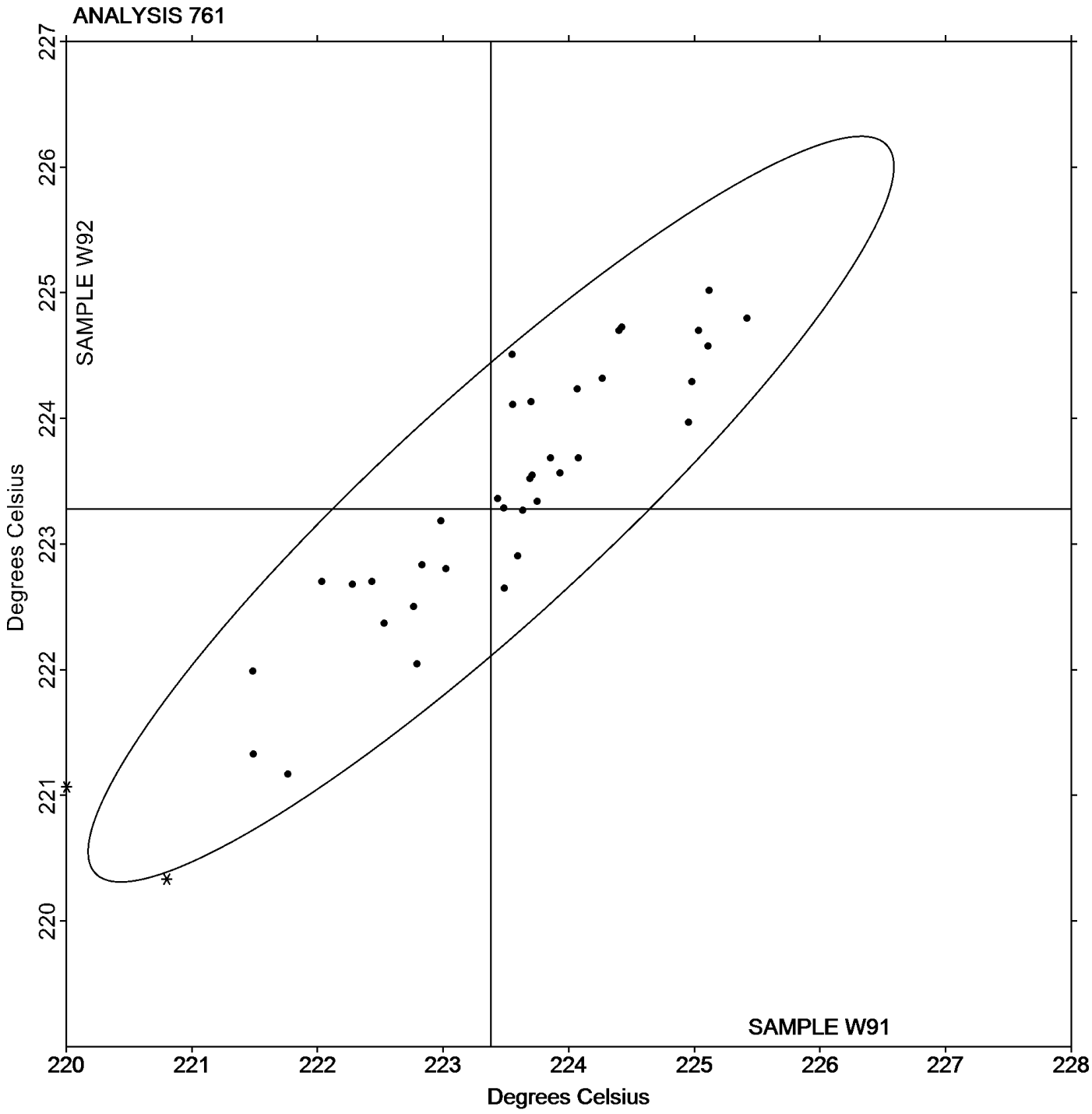
B9Y7LN (M) - Participant did not submit data for sample W92.

VP2GTG (X) - Data for sample W91 are high. Inconsistent within the determinations of sample W91.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W91: 223.38 Degrees Celsius Grand Mean Sample W92: 223.28 Degrees Celsius



WebCode	Data Flag	Sample W91 Lab Mean	Sample W91 Diff from Grand Mean	Sample W91 CPV	Sample W92 Lab Mean	Sample W92 Diff from Grand Mean	Sample W92 CPV	Instr Code
6AXQYU		49.12	2.13	0.49	49.53	2.13	0.47	TA
6GE8R4		47.45	0.47	0.11	48.66	1.26	0.28	XX
6P8JKC		44.89	-2.10	-0.49	44.46	-2.94	-0.65	MT
7HLF3V		53.39	6.41	1.48	53.94	6.54	1.44	TA
8JUV92		40.27	-6.72	-1.55	42.32	-5.08	-1.12	PE
8WA873		46.51	-0.48	-0.11	46.66	-0.74	-0.16	TA
B9Y7LN	M	59.43	12.44	2.88	No data reported for this sample			TA
CMCXNV		45.77	-1.22	-0.28	45.29	-2.11	-0.47	NZ
D3HJPW		53.63	6.64	1.54	57.37	9.97	2.20	XX
D4Y89H		47.21	0.22	0.05	47.22	-0.18	-0.04	TA
DANRCX		54.18	7.20	1.66	53.73	6.33	1.40	XX
JVM22T		50.38	3.39	0.78	50.07	2.67	0.59	TA
JZJPFE		44.67	-2.32	-0.54	45.04	-2.36	-0.52	NZ
MZBP9A		49.13	2.15	0.50	49.34	1.94	0.43	TA
NHQ9MT		40.37	-6.61	-1.53	43.52	-3.88	-0.86	SH
NL9BPR		46.99	0.00	0.00	45.56	-1.84	-0.41	TA
NLMZNX		53.06	6.08	1.40	52.22	4.82	1.07	TA
PHF73X		53.03	6.05	1.40	53.27	5.87	1.30	TA
QMTTAV		42.97	-4.02	-0.93	44.13	-3.27	-0.72	NZ
QQABWY		47.96	0.97	0.22	48.46	1.06	0.23	TA
RKFWKX		50.13	3.14	0.73	49.41	2.01	0.44	TA
TB9GFA		43.07	-3.92	-0.91	41.55	-5.85	-1.29	TA
U8HKKA		52.36	5.38	1.24	54.20	6.80	1.50	NZ
UJFNHV		41.78	-5.20	-1.20	46.29	-1.11	-0.24	TA
UL3CRB		44.24	-2.75	-0.64	44.13	-3.27	-0.72	XX
VFEYDU		40.40	-6.59	-1.52	40.73	-6.67	-1.48	PE
VLZYME		44.14	-2.85	-0.66	44.17	-3.23	-0.71	TA
VY7XWL	*	43.46	-3.53	-0.82	39.12	-8.28	-1.83	TA
VYMNR7		45.08	-1.90	-0.44	46.85	-0.55	-0.12	TA

Summary Statistics	Sample W91	Sample W92
Grand Means	46.987 Joules Per Gram	47.401 Joules Per Gram
Stnd Dev Btwn Labs	4.326 Joules Per Gram	4.524 Joules Per Gram

Statistics based on 28 of 29 reporting participants

Sample W91: PBT & Sample W92: PBT

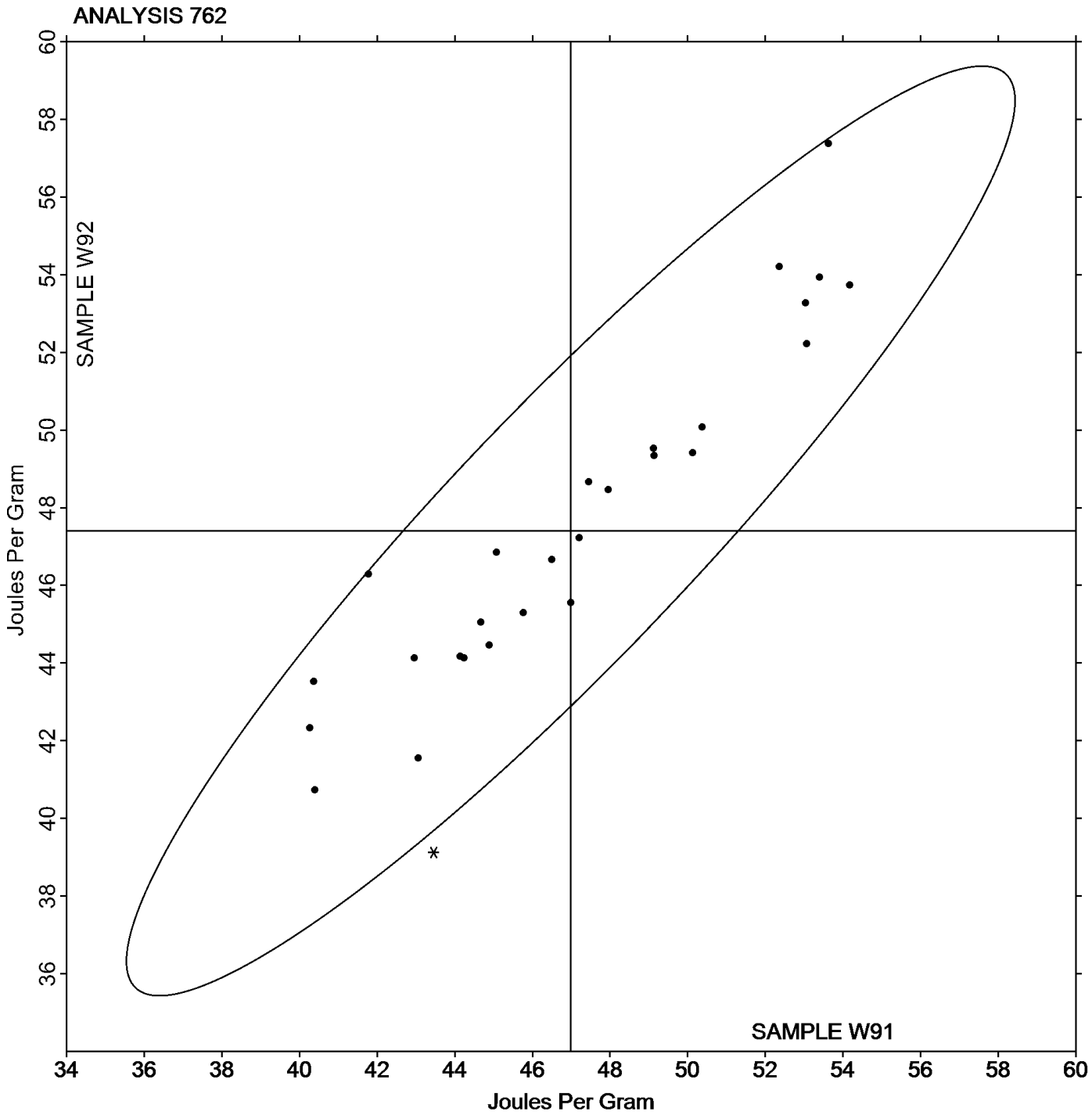
Comments on Assigned Data Flags for Test #762

B9Y7LN (M) - Participant did not submit data for sample W92.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W91: 46.987 Joules Per Gram Grand Mean Sample W92: 47.401 Joules Per Gram



WebCode	Data Flag	Sample W91 Lab Mean	Sample W91 Diff from Grand Mean	Sample W91 CPV	Sample W92 Lab Mean	Sample W92 Diff from Grand Mean	Sample W92 CPV	Instr Code
6AXQYU		46.63	4.55	0.77	47.59	4.75	0.83	TA
6GE8R4		49.85	7.77	1.31	51.30	8.46	1.49	XX
6P8JKC		36.65	-5.43	-0.92	40.42	-2.42	-0.43	MT
7HLF3V		54.89	12.81	2.16	54.68	11.84	2.08	TA
8JUV92		40.23	-1.85	-0.31	42.33	-0.51	-0.09	PE
8WA873		42.02	-0.06	-0.01	42.81	-0.03	-0.01	TA
97MWPE		40.21	-1.87	-0.32	40.51	-2.33	-0.41	NZ
B9Y7LN	M	51.60	9.52	1.61	No data reported for this sample			TA
CMCXNV		39.00	-3.08	-0.52	40.45	-2.39	-0.42	NZ
D3HJPW		42.21	0.13	0.02	44.80	1.96	0.35	TA
D4Y89H		39.87	-2.21	-0.37	40.56	-2.28	-0.40	TA
DANRCX		47.63	5.55	0.94	46.57	3.73	0.66	XX
F2349Z		46.68	4.60	0.78	47.62	4.78	0.84	TA
JVM22T		42.74	0.66	0.11	42.81	-0.03	-0.01	TA
JZJPFE		38.79	-3.29	-0.56	39.79	-3.05	-0.54	NZ
MZBP9A		48.51	6.43	1.09	48.81	5.97	1.05	TA
NHQ9MT		31.54	-10.54	-1.78	33.65	-9.19	-1.61	SH
NL9BPR		37.45	-4.63	-0.78	35.25	-7.59	-1.33	TA
NLMZNX	X	43.20	1.12	0.19	52.37	9.54	1.68	TA
PHF73X		49.70	7.62	1.29	50.07	7.23	1.27	TA
QMTTAV		34.87	-7.21	-1.22	35.47	-7.37	-1.30	NZ
QQABWY		40.90	-1.18	-0.20	40.75	-2.09	-0.37	TA
RKFWKX		36.23	-5.85	-0.99	35.70	-7.14	-1.25	TA
TB9GFA		46.31	4.23	0.72	45.01	2.17	0.38	TA
U8HKKA		53.13	11.05	1.87	55.86	13.02	2.29	NZ
UJFNHV		36.47	-5.61	-0.95	40.93	-1.91	-0.34	TA
UL3CRB		42.88	0.80	0.14	43.00	0.16	0.03	XX
VFEYDU		36.84	-5.24	-0.89	38.57	-4.27	-0.75	PE
VLZYME		37.57	-4.51	-0.76	37.65	-5.19	-0.91	TA
VY7XWL	*	46.38	4.30	0.73	42.65	-0.19	-0.03	TA
VYMNR7		34.11	-7.97	-1.35	36.72	-6.12	-1.08	TA

Summary Statistics

	Sample W91	Sample W92
Grand Means	42.079 Joules Per Gram	42.839 Joules Per Gram
Stnd Dev Btwn Labs	5.918 Joules Per Gram	5.691 Joules Per Gram

Statistics based on 29 of 31 reporting participants

Sample W91: PBT & Sample W92: PBT

Comments on Assigned Data Flags for Test #763

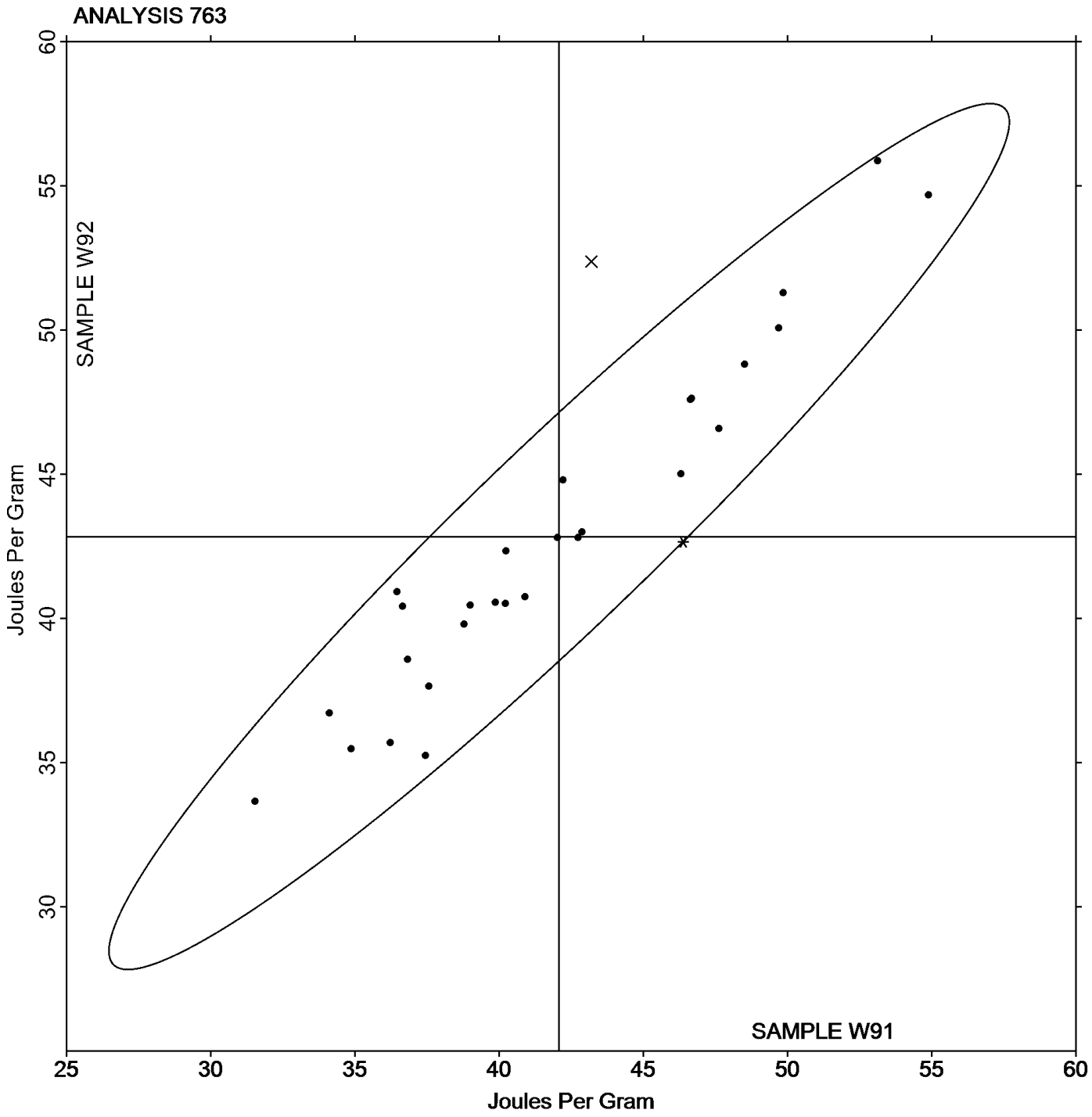
NLMZNX (X) - Inconsistent in testing between samples.

B9Y7LN (M) - Participant did not submit data for sample W92.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W91: 42.079 Joules Per Gram Grand Mean Sample W92: 42.839 Joules Per Gram



		Sample V91			Sample V92			
WebCode	Data Flag	Lab Mean	Diff from Grand Mean	CPV	Lab Mean	Diff from Grand Mean	CPV	Instr Code
6AXQYU		82.33	0.83	0.39	82.47	0.77	0.40	TA
6P8JKC		80.72	-0.78	-0.37	81.16	-0.54	-0.28	MT
7HLF3V	X	72.25	-9.25	-4.41	75.66	-6.04	-3.15	TA
8JUV92	*	74.80	-6.70	-3.20	75.78	-5.92	-3.08	PE
8WA873		81.21	-0.29	-0.14	81.05	-0.66	-0.34	TA
97MWPE		83.23	1.73	0.83	83.30	1.60	0.83	NZ
B9Y7LN		81.57	0.07	0.03	81.60	-0.10	-0.05	TA
CMCXNV		82.40	0.90	0.43	82.47	0.76	0.40	NZ
D3HJPW	X	83.30	1.80	0.86	81.85	0.15	0.08	TA
DANRCX		83.54	2.04	0.97	83.16	1.46	0.76	XX
DBDJ24		82.64	1.14	0.54	82.67	0.97	0.50	PE
F2349Z		82.10	0.60	0.29	82.17	0.46	0.24	TA
JVM22T		81.43	-0.07	-0.03	81.37	-0.34	-0.18	TA
JZJPFE		84.37	2.87	1.37	84.53	2.83	1.47	NZ
MZBP9A		80.50	-1.00	-0.48	80.45	-1.25	-0.65	TA
NHQ9MT	X	86.49	4.99	2.38	84.26	2.55	1.33	SH
NL9BPR		83.32	1.82	0.87	83.21	1.51	0.79	TA
NLMZNX		82.01	0.51	0.24	81.98	0.28	0.14	TA
PHF73X		81.20	-0.30	-0.14	81.77	0.06	0.03	TA
QMTTAV	*	83.70	2.20	1.05	84.53	2.83	1.47	NZ
QQABWY		82.50	1.00	0.48	82.53	0.83	0.43	TA
RKFWKX		82.14	0.64	0.30	82.45	0.74	0.39	TA
TB9GFA	X	70.54	-10.96	-5.23	69.22	-12.49	-6.50	TA
U8HKKA		76.33	-5.17	-2.47	76.90	-4.80	-2.50	NZ
UJFNHV		80.99	-0.51	-0.24	81.01	-0.69	-0.36	TA
UL3CRB		79.92	-1.58	-0.76	80.12	-1.58	-0.83	XX
VFEYDU		82.37	0.87	0.41	82.43	0.73	0.38	PE
VLZYME		79.93	-1.57	-0.75	80.83	-0.87	-0.45	TA
VY7XWL		82.81	1.31	0.62	82.61	0.91	0.47	TA
VYMNR7		80.98	-0.52	-0.25	81.76	0.06	0.03	TA

Summary Statistics	Sample V91	Sample V92
Grand Means	81.501 Degrees Celsius	81.705 Degrees Celsius
Stnd Dev Btwn Labs	2.095 Degrees Celsius	1.921 Degrees Celsius

Statistics based on 26 of 30 reporting participants

Sample V91: PET & Sample V92: PET

Comments on Assigned Data Flags for Test #764

NHQ9MT (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample V91.

TB9GFA (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of both samples.

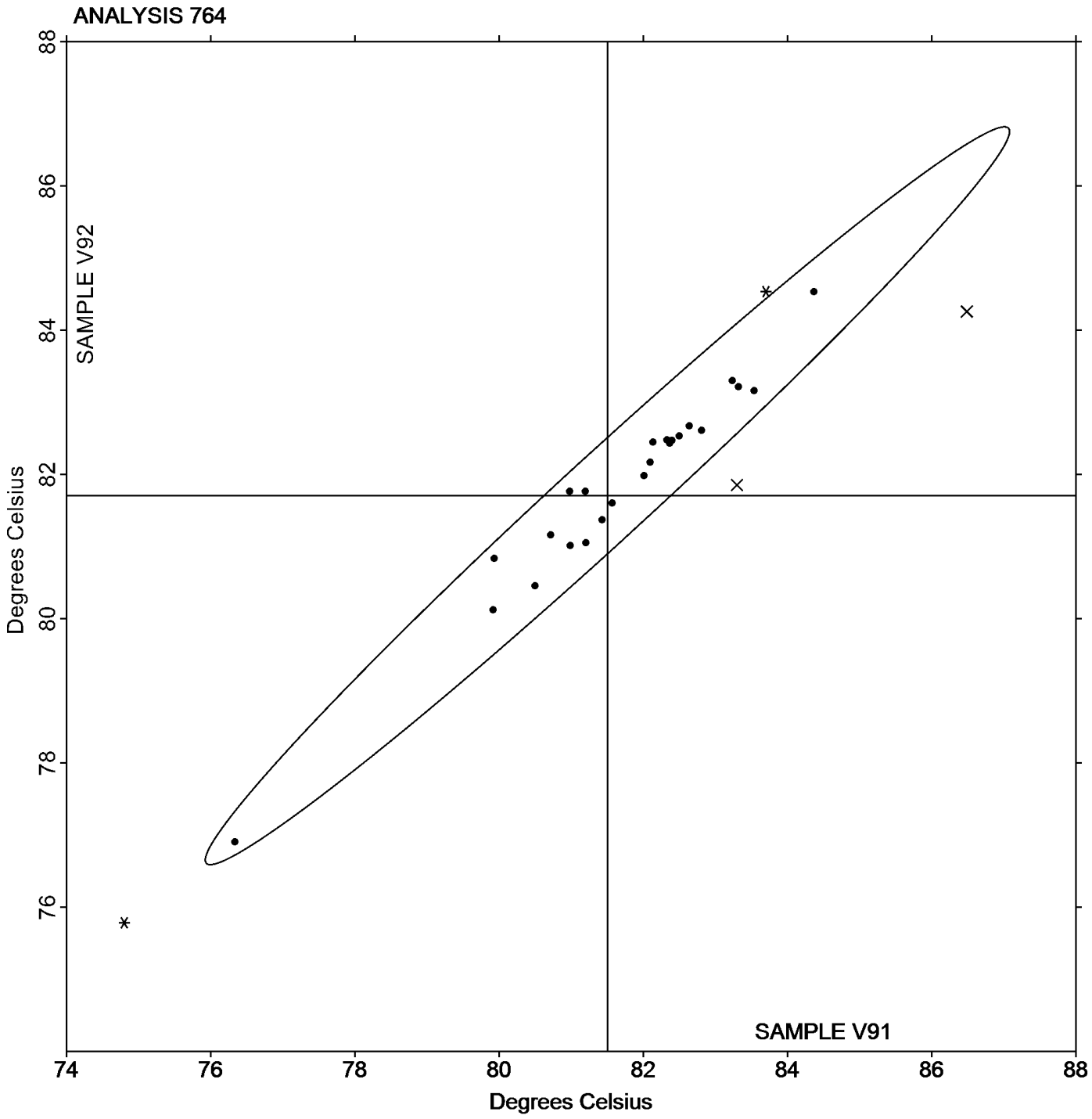
7HLF3V (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample V92.

D3HJPW (X) - Inconsistent in testing between samples.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample V91: 81.501 Degrees Celsius Grand Mean Sample V92: 81.705 Degrees Celsius



WebCode	Data Flag	Sample W91 Lab Mean	Sample W91 Diff from Grand Mean	Sample W91 CPV	Sample W92 Lab Mean	Sample W92 Diff from Grand Mean	Sample W92 CPV	Instr Code
6AXQYU		172.07	0.97	0.12	172.49	0.70	0.11	TA
7HLF3V		177.86	6.76	0.85	179.13	7.34	1.12	XX
CMCXNV		166.37	-4.73	-0.59	166.83	-4.96	-0.76	NZ
JVM22T		170.83	-0.26	-0.03	171.23	-0.56	-0.08	XX
MZBP9A		169.73	-1.36	-0.17	169.50	-2.29	-0.35	TA
NZN7UA		176.19	5.09	0.64	176.12	4.33	0.66	MT
QJTQXT		172.70	1.60	0.20	171.57	-0.22	-0.03	TA
TB9GFA		149.51	-21.59	-2.71	155.46	-16.33	-2.49	TA
U8HKKA		173.20	2.10	0.26	172.97	1.18	0.18	NZ
UJFNHV		175.86	4.76	0.60	176.62	4.83	0.74	TA
VYMNR7		177.74	6.64	0.83	177.76	5.97	0.91	TA

Summary Statistics

	Sample W91	Sample W92
Grand Means	171.096 Degrees Celsius	171.789 Degrees Celsius
Stnd Dev Btwn Labs	7.979 Degrees Celsius	6.560 Degrees Celsius

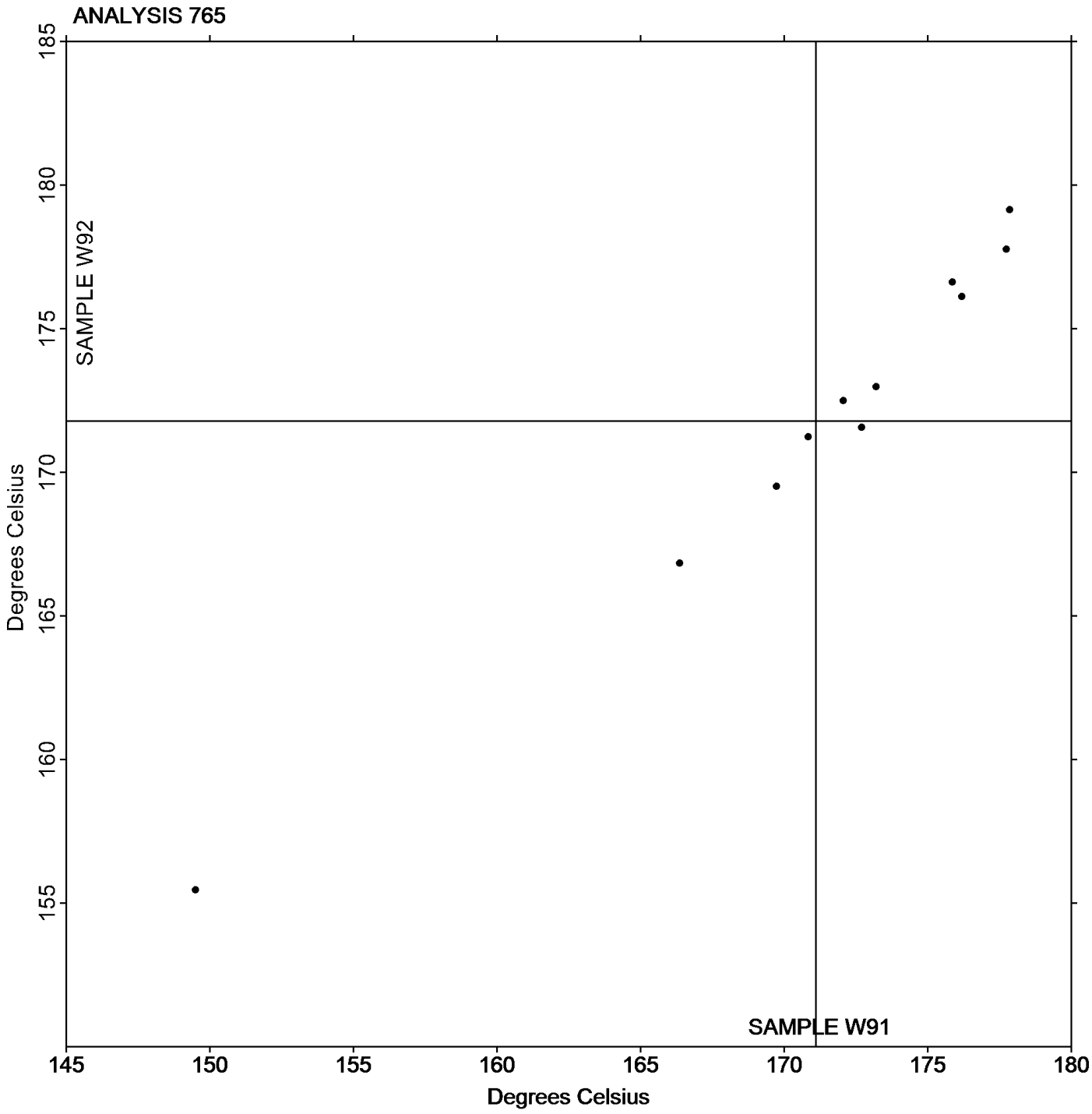
Statistics based on 11 of 11 reporting participants

Sample W91: PBT & Sample W92: PBT

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W91: 171.10 Degrees Celsius Grand Mean Sample W92: 171.79 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 W91 Lab Mean	Sample W91 Diff from Grand Mean	Sample W91 CPV	Sample W92 Lab Mean	Sample W92 Diff from Grand Mean	Sample W92 CPV	Instr Code
6AXQYU		223.60	0.49	0.47	222.90	0.17	0.21	TA
7HLF3V		222.79	-0.32	-0.31	222.04	-0.69	-0.83	XX
CMCXNV		222.83	-0.28	-0.27	222.83	0.10	0.12	NZ
JVM22T		221.37	-1.74	-1.69	221.00	-1.73	-2.08	TA
MZBP9A		223.43	0.32	0.32	223.36	0.63	0.75	XX
NJJ46V		223.02	-0.09	-0.08	222.80	0.07	0.09	TA
NZN7UA		224.24	1.13	1.10	223.62	0.89	1.07	MT
QJTQXT		221.83	-1.28	-1.24	222.53	-0.20	-0.24	TA
TB9GFA		224.96	1.85	1.80	223.97	1.23	1.48	TA
U8HKKA		222.00	-1.11	-1.08	221.73	-1.00	-1.20	NZ
UJFNHV		223.75	0.64	0.62	223.34	0.61	0.73	XX
VYMNR7		223.48	0.37	0.36	222.65	-0.09	-0.10	TA

Summary Statistics

	Sample W91	Sample W92
Grand Means	223.109 Degrees Celsius	222.732 Degrees Celsius
Stnd Dev Btwn Labs	1.029 Degrees Celsius	0.834 Degrees Celsius

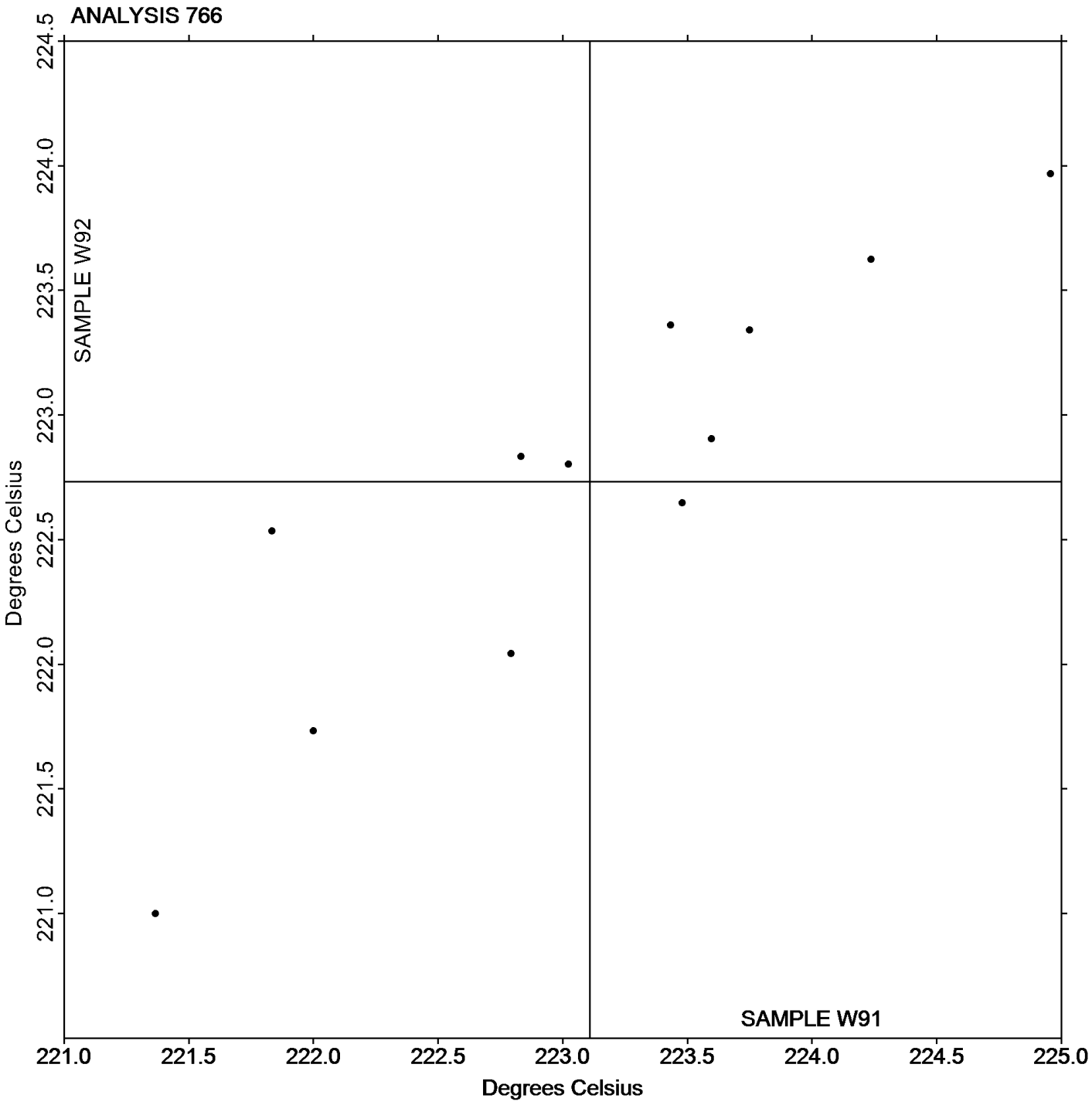
Statistics based on 12 of 12 reporting participants

Sample W91: PBT & Sample W92: PBT

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W91: 223.11 Degrees Celsius Grand Mean Sample W92: 222.73 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 W91 Lab Mean	Sample W91 Diff from Grand Mean	Sample W91 CPV	Sample W92 Lab Mean	Sample W92 Diff from Grand Mean	Sample W92 CPV	Instr Code
6AXQYU		49.12	2.77	0.53	49.53	2.91	0.55	TA
7HLF3V		53.39	7.05	1.34	53.94	7.32	1.37	XX
CMCXNV		45.77	-0.58	-0.11	45.29	-1.33	-0.25	NZ
JVM22T		50.69	4.34	0.82	50.46	3.84	0.72	TA
MZBP9A		49.13	2.79	0.53	49.34	2.72	0.51	XX
NZN7UA		34.49	-11.86	-2.25	34.16	-12.46	-2.34	MT
QJTQXT		44.93	-1.41	-0.27	44.93	-1.69	-0.32	TA
TB9GFA		43.07	-3.28	-0.62	41.55	-5.07	-0.95	TA
U8HKKA		50.63	4.29	0.81	50.37	3.75	0.70	NZ
UJFNHV		41.78	-4.56	-0.87	46.29	-0.33	-0.06	TA
VYMNR7		46.79	0.45	0.08	46.94	0.32	0.06	TA

Summary Statistics

	Sample W91	Sample W92
Grand Means	46.344 Joules Per Gram	46.619 Joules Per Gram
Stnd Dev Btwn Labs	5.264 Joules Per Gram	5.329 Joules Per Gram

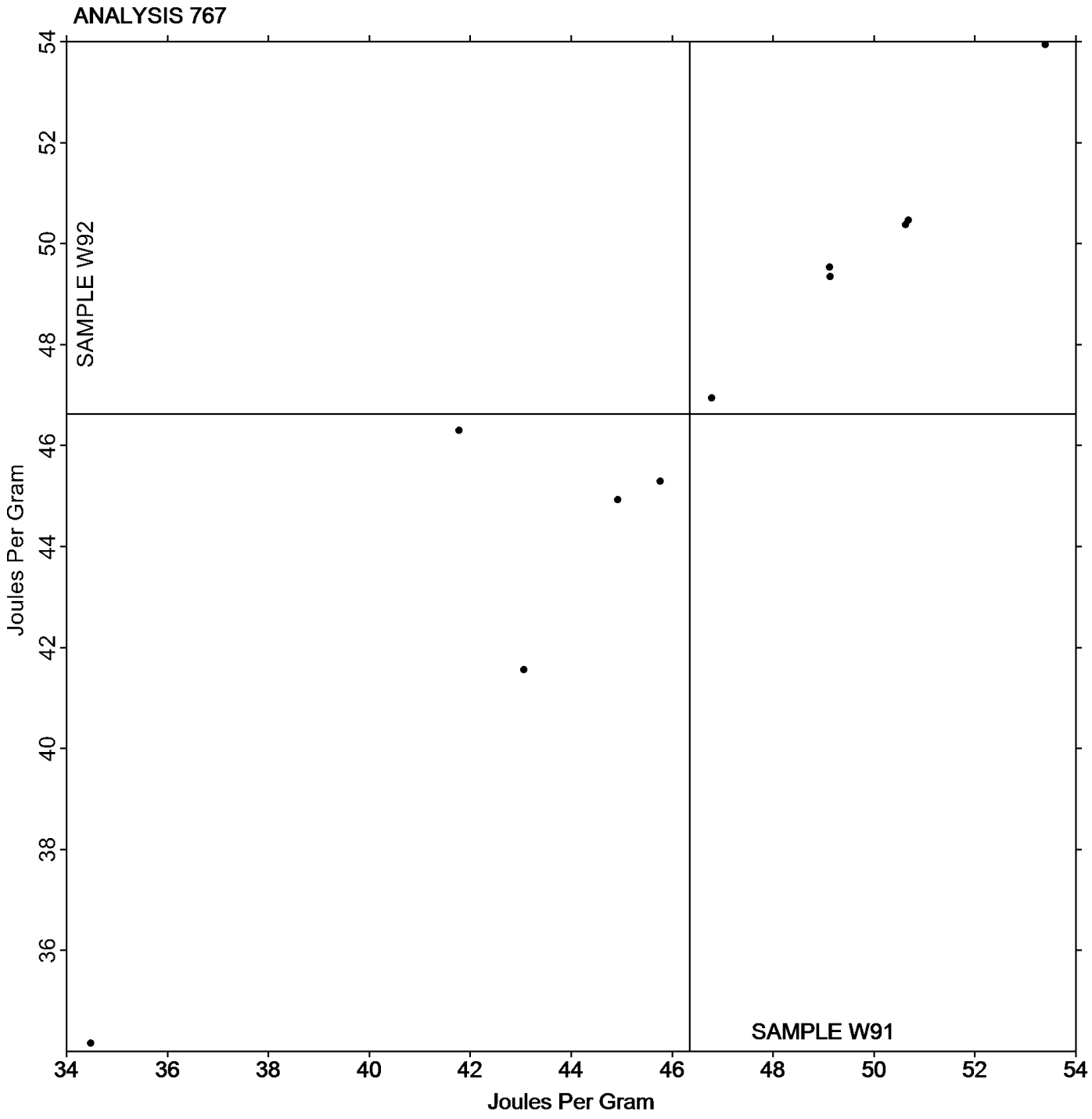
Statistics based on 11 of 11 reporting participants

Sample W91: PBT & Sample W92: PBT

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W91: 46.344 Joules Per Gram Grand Mean Sample W92: 46.619 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 W91 Lab Mean	Sample W91 Diff from Grand Mean	Sample W91 CPV	Sample W92 Lab Mean	Sample W92 Diff from Grand Mean	Sample W92 CPV	Instr Code
6AXQYU		46.63	3.58	0.53	47.59	3.75	0.63	TA
7HLF3V		54.89	11.83	1.75	54.68	10.85	1.82	XX
CMCXNV		39.00	-4.05	-0.60	40.45	-3.39	-0.57	NZ
JVM22T		43.91	0.86	0.13	43.05	-0.79	-0.13	TA
MZBP9A		48.51	5.46	0.81	48.81	4.97	0.83	XX
NZN7UA		33.33	-9.72	-1.43	34.89	-8.95	-1.50	MT
QJTQXT		40.53	-2.52	-0.37	39.74	-4.09	-0.69	TA
TB9GFA		46.31	3.26	0.48	45.01	1.18	0.20	TA
U8HKKA		49.16	6.10	0.90	49.86	6.02	1.01	NZ
UJFNHV		36.47	-6.59	-0.97	40.93	-2.91	-0.49	XX
VYMNR7		34.85	-8.21	-1.21	37.20	-6.64	-1.11	TA

Summary Statistics

	Sample W91	Sample W92
Grand Means	43.054 Joules Per Gram	43.837 Joules Per Gram
Stnd Dev Btwn Labs	6.777 Joules Per Gram	5.963 Joules Per Gram

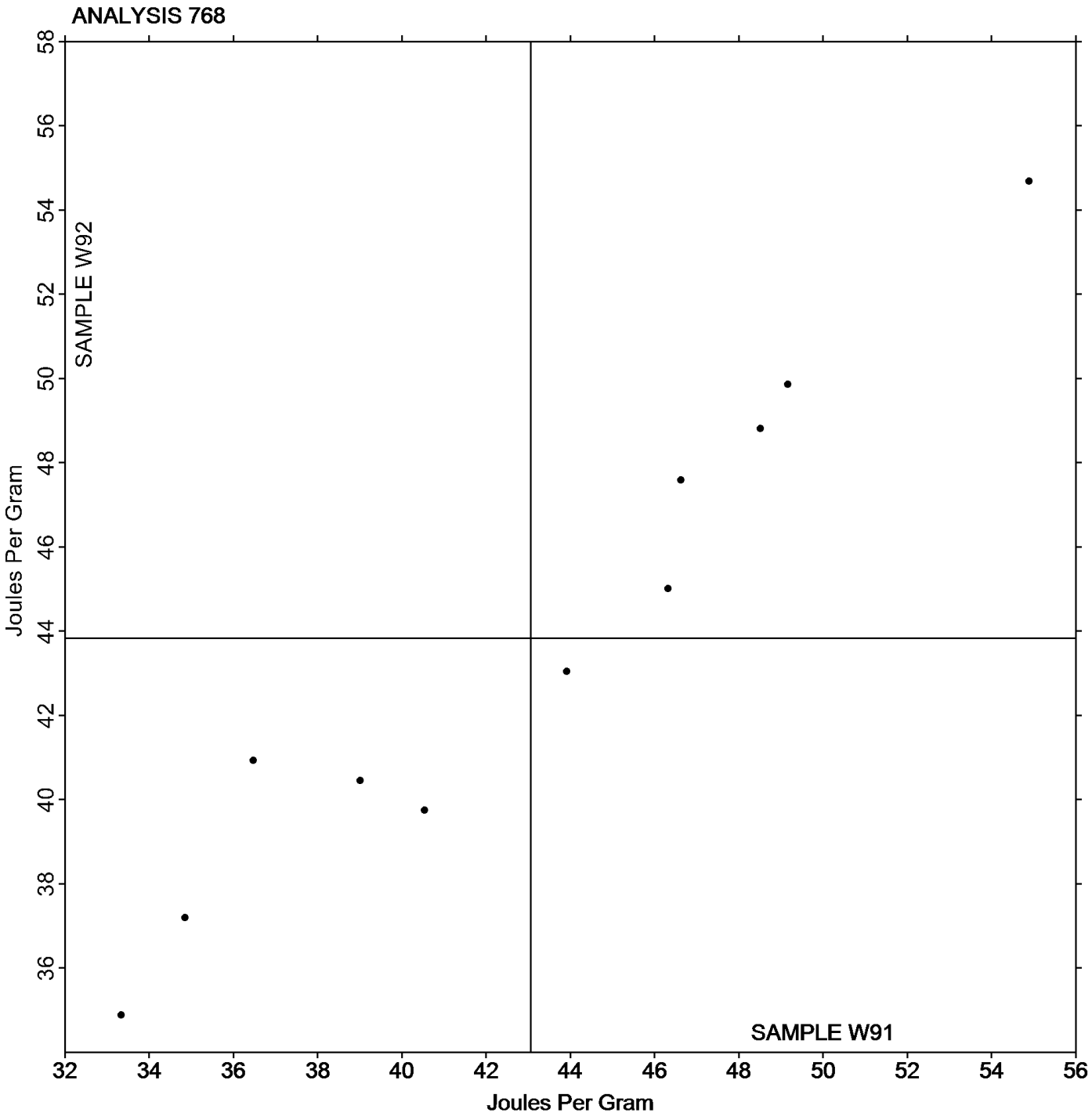
Statistics based on 11 of 11 reporting participants

Sample W91: PBT & Sample W92: PBT

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W91: 43.054 Joules Per Gram Grand Mean Sample W92: 43.837 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 V91 Lab Mean	Sample V91 Diff from Grand Mean	Sample V91 CPV	Sample V92 Lab Mean	Sample V92 Diff from Grand Mean	Sample V92 CPV	Instr Code
6AXQYU		82.33	2.45	0.56	82.47	2.27	0.53	TA
7HLF3V		72.25	-7.62	-1.74	75.66	-4.54	-1.06	XX
CMCXNV		82.67	2.79	0.64	82.70	2.50	0.58	NZ
JVM22T		81.47	1.59	0.36	81.73	1.53	0.36	TA
MZBP9A		80.50	0.62	0.14	80.45	0.25	0.06	XX
NZN7UA		84.84	4.97	1.13	84.98	4.78	1.12	MT
QJTQXT		81.03	1.16	0.26	82.20	2.00	0.47	TA
TB9GFA		70.54	-9.34	-2.13	69.22	-10.99	-2.56	TA
U8HKKA		81.20	1.32	0.30	81.20	1.00	0.23	NZ
UJFNHV		80.99	1.11	0.25	81.01	0.81	0.19	XX
VYMNR7		80.81	0.94	0.21	80.59	0.39	0.09	TA

Summary Statistics

	Sample V91	Sample V92
Grand Means	79.876 Degrees Celsius	80.203 Degrees Celsius
Stnd Dev Btwn Labs	4.381 Degrees Celsius	4.287 Degrees Celsius

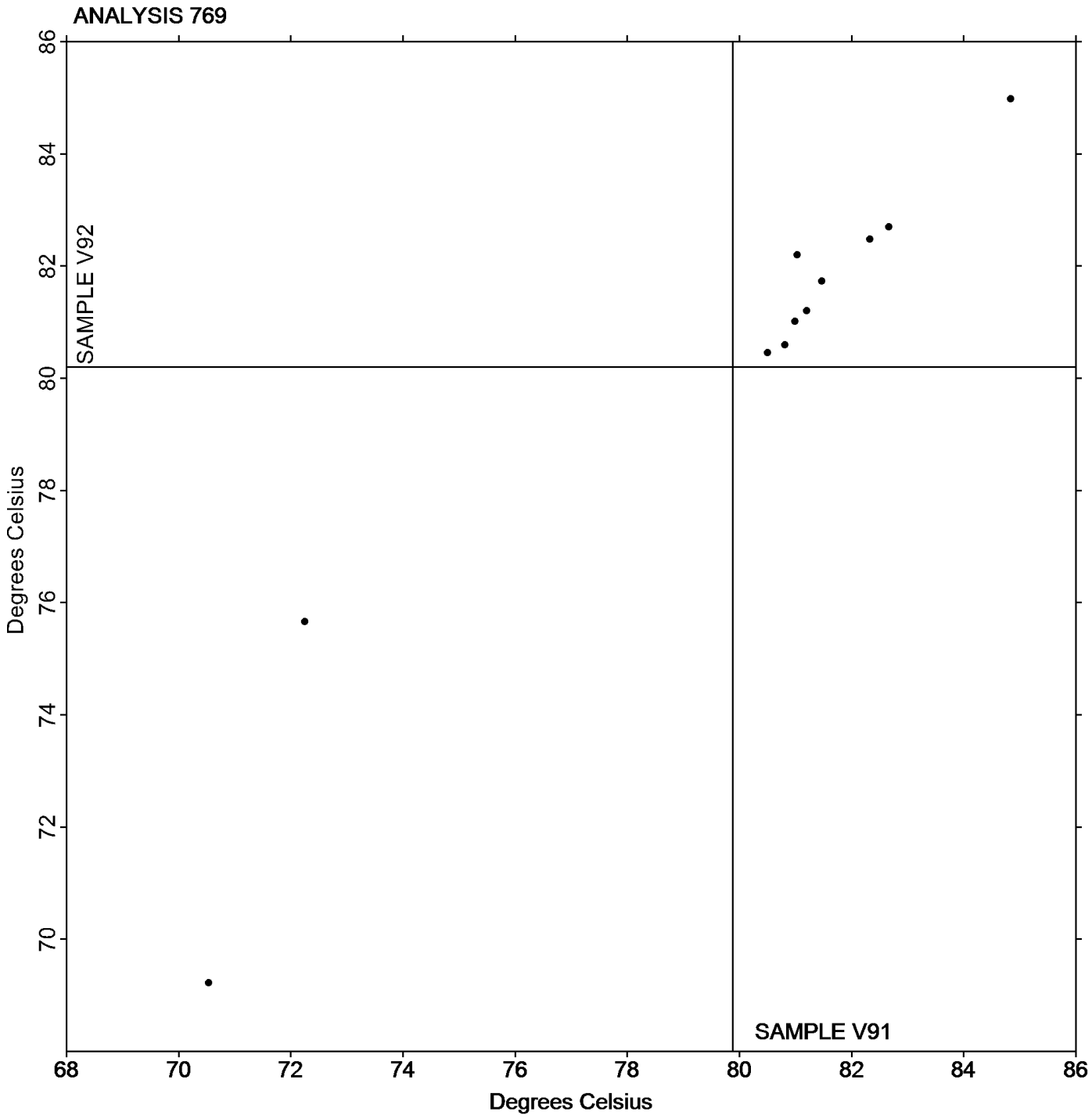
Statistics based on 11 of 11 reporting participants

Sample V91: PET & Sample V92: PET

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample V91: 79.876 Degrees Celsius Grand Mean Sample V92: 80.203 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 B91 Lab Mean	Sample B91 Diff from Grand Mean	Sample B91 CPV	Sample B92 Lab Mean	Sample B92 Diff from Grand Mean	Sample B92 CPV	Instr Code
2Z2WL2		1,584	-179	-1.14	1,486	-258	-1.40	TO
3K363P		1,689	-74	-0.47	1,783	39	0.21	IN
4TV2HK	X	2,993	1,230	7.83	2,759	1,015	5.50	IN
7NKY88		1,791	27	0.17	1,650	-95	-0.51	IN
7XHY9Z		1,867	103	0.66	1,805	61	0.33	MT
AFY8A6		1,604	-160	-1.02	1,547	-197	-1.07	IM
CCWKTQ		1,612	-151	-0.96	1,569	-176	-0.95	IN
D6YHHL		1,761	-2	-0.02	1,824	79	0.43	OA
F6N9BB	X	3	-1,760	-11.20	3	-1,742	-9.45	XX
FC73DU		1,665	-98	-0.62	1,691	-53	-0.29	IN
GVW26Q		1,711	-53	-0.33	1,602	-143	-0.77	IN
J6DHU3		2,078	314	2.00	1,901	157	0.85	LI
NHQ9MT		2,049	286	1.82	2,178	434	2.36	WZ
PCGDFX		1,703	-60	-0.38	1,778	34	0.18	IN
QJTQXT		1,810	47	0.30	1,861	117	0.63	IN

Summary Statistics

	Sample B91	Sample B92
Grand Means	1,763.4 psi	1,744.2 psi
Stnd Dev Btwn Labs	157.2 psi	184.4 psi

Statistics based on 13 of 15 reporting participants

Sample B91: LDPE & Sample B92: LDPE

Comments on Assigned Data Flags for Test #770

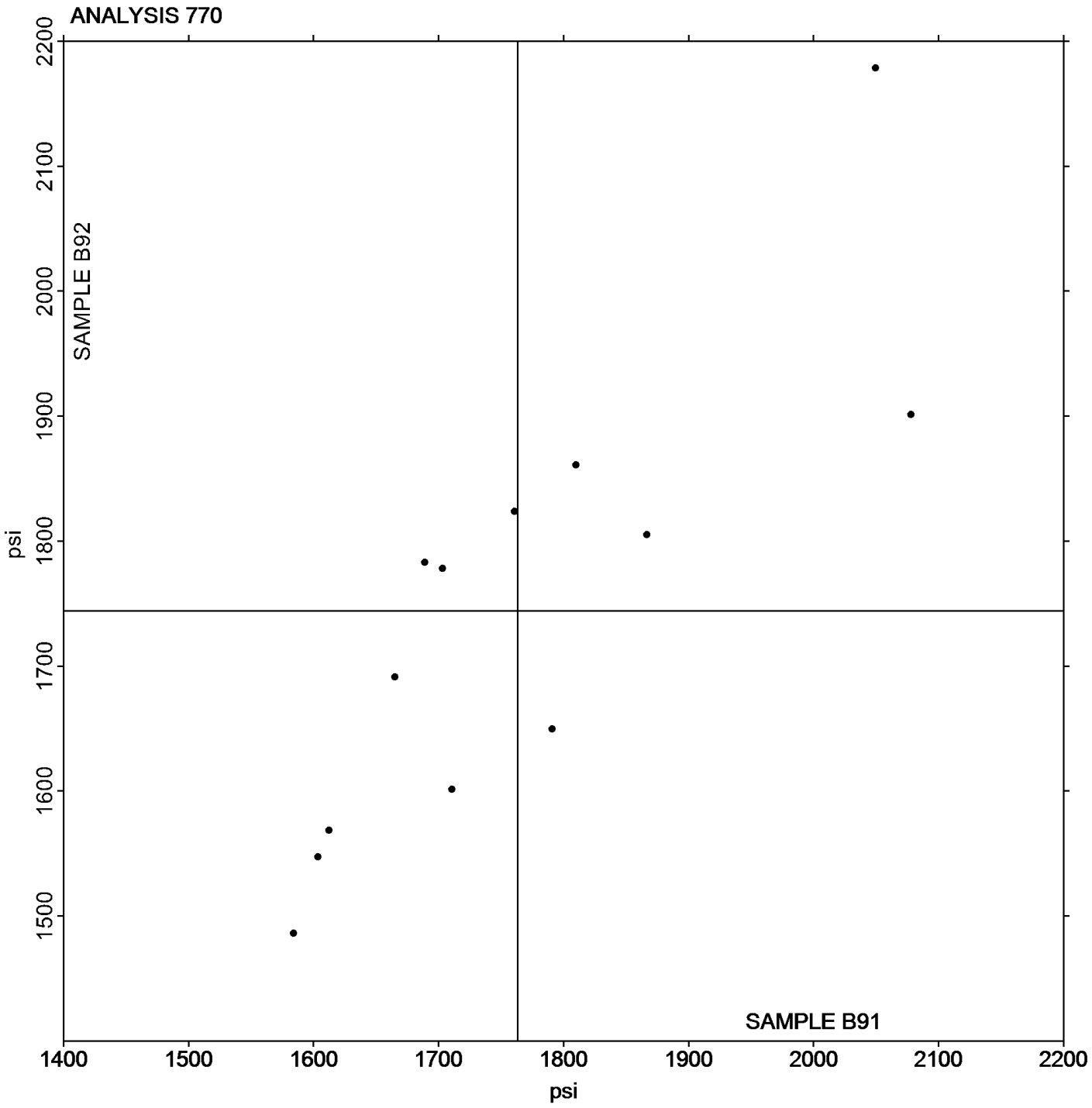
F6N9BB (X) - Extreme data.

4TV2HK (X) - Data for both samples are high. Inconsistent in testing within both samples.

Key to Instrument Codes Reported by Participants

IM	Instru-Met Instruments	IN	Instron
LI	Lloyd Instruments	MT	MTS/Sintech
OA	Oakland Testing	TO	Tinius Olsen
WZ	Zwick	XX	Instrument manufacturer not specified by lab

Grand Mean Sample B91: 1,763.37 psi Grand Mean Sample B92: 1,744.25 psi



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

Plastics Interlaboratory Testing Program

Analysis 771

Tensile Stress at Break, Film Samples - psi

Report #126
2nd Qtr 2023

WebCode	Data Flag	Sample B91 Lab Mean	Sample B91 Diff from Grand Mean	Sample B91 CPV	Sample B92 Lab Mean	Sample B92 Diff from Grand Mean	Sample B92 CPV	Instr Code
2Z2WL2		3,073	-618	-1.19	2,780	-579	-1.20	TO
3K363P		3,593	-98	-0.19	3,357	-2	0.00	IN
4TV2HK	X	1,221	-2,470	-4.77	1,142	-2,217	-4.61	IN
7NKY88		4,115	424	0.82	3,339	-21	-0.04	IN
7XHY9Z		4,026	335	0.65	3,589	230	0.48	MT
AFY8A6		3,735	44	0.08	3,278	-81	-0.17	IM
CCWKTQ		3,810	118	0.23	3,579	220	0.46	IN
D6YHHL		3,650	-41	-0.08	3,679	320	0.67	OA
F2349Z		4,053	361	0.70	3,608	249	0.52	IN
FC73DU		3,236	-455	-0.88	2,953	-406	-0.84	IN
GVW26Q		4,033	342	0.66	3,323	-36	-0.08	IN
J6DHU3		2,975	-716	-1.38	2,811	-548	-1.14	LI
JVM22T		2,752	-939	-1.81	2,577	-782	-1.62	UC
NHQ9MT		4,783	1,092	2.11	4,559	1,200	2.49	WZ
PCGDFX		3,732	41	0.08	3,685	326	0.68	IN
QJTQXT		3,803	112	0.22	3,268	-91	-0.19	IN

Summary Statistics

	Sample B91	Sample B92
Grand Means	3,691.3 psi	3,359.0 psi
Stnd Dev Btwn Labs	518.1 psi	481.0 psi

Statistics based on 15 of 16 reporting participants

Sample B91: LDPE & Sample B92: LDPE

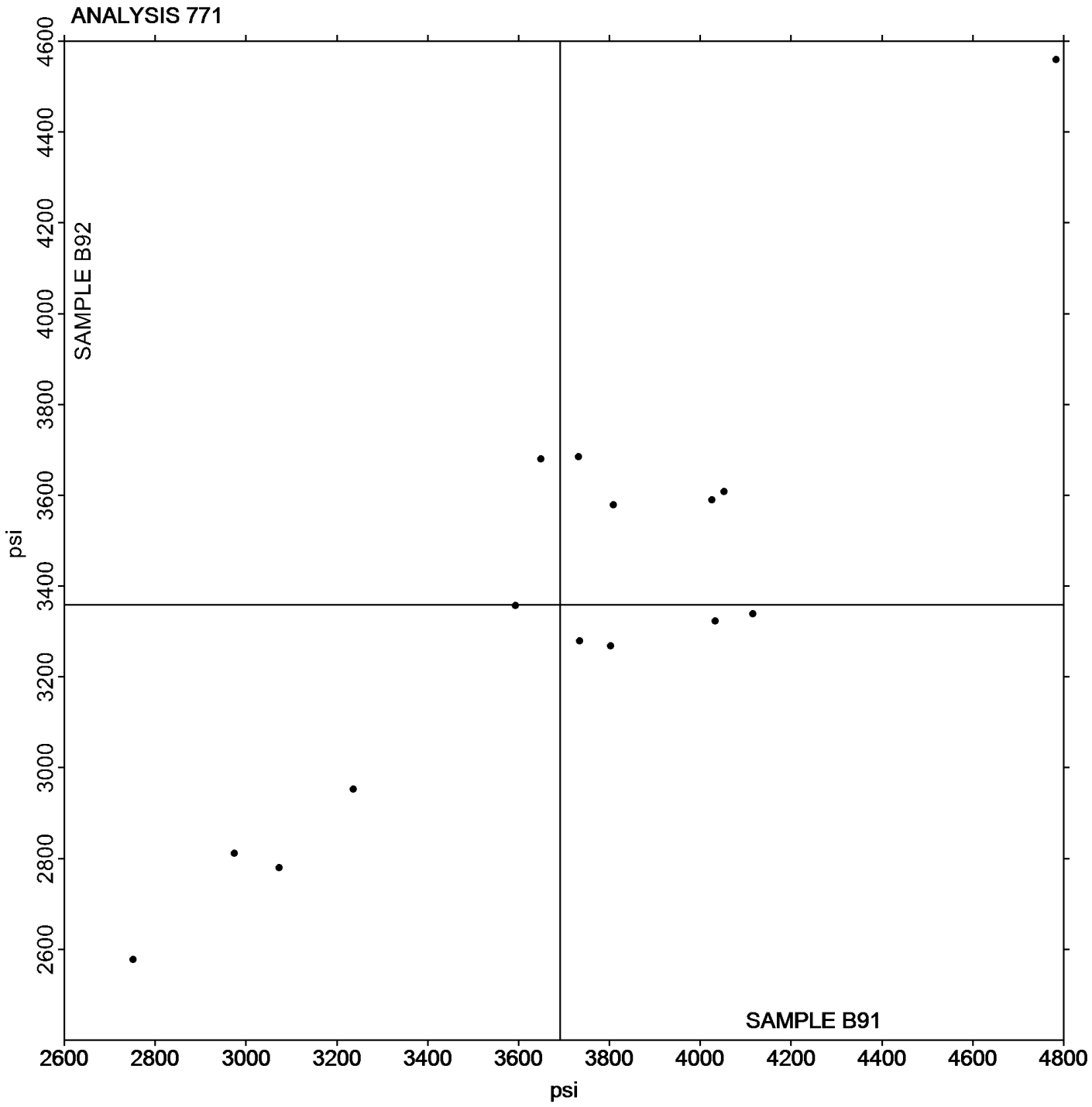
Comments on Assigned Data Flags for Test #771

4TV2HK (X) - Data for both samples are low.

Key to Instrument Codes Reported by Participants

IM	Instru-Met Instruments	IN	Instron
LI	Lloyd Instruments	MT	MTS/Sintech
OA	Oakland Testing	TO	Tinius Olsen
UC	United	WZ	Zwick

Grand Mean Sample B91: 3,691.32 psi Grand Mean Sample B92: 3,359.00 psi



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

Plastics Interlaboratory Testing Program

Analysis 772

Percent Elongation at Yield, Films

WebCode	Data Flag	Sample B91 Lab Mean	Sample B91 Diff from Grand Mean	Sample B91 CPV	Sample B92 Lab Mean	Sample B92 Diff from Grand Mean	Sample B92 CPV	Instr Code
2Z2WL2		27.90	-8.99	-0.53	21.90	-35.67	-1.31	TO
3K363P		56.90	20.01	1.18	80.95	23.38	0.86	IN
4TV2HK	X	1,317.87	1,280.98	75.59	1,310.89	1,253.32	45.90	IN
7NKY88		47.66	10.77	0.64	79.50	21.93	0.80	IN
7XHY9Z		44.52	7.63	0.45	67.87	10.30	0.38	MT
AFY8A6		30.66	-6.23	-0.37	41.27	-16.30	-0.60	IM
CCWKTQ		8.06	-28.83	-1.70	8.13	-49.44	-1.81	IN
F2349Z		47.41	10.52	0.62	73.80	16.23	0.59	IN
FC73DU		65.91	29.02	1.71	73.72	16.15	0.59	IN
GVW26Q		17.36	-19.52	-1.15	17.32	-40.25	-1.47	IN
J6DHU3	*	14.13	-22.76	-1.34	95.33	37.76	1.38	LI
NHQ9MT		38.00	1.11	0.07	58.60	1.03	0.04	WZ
PCGDFX		45.04	8.15	0.48	73.63	16.06	0.59	IN
QJTQXT		35.97	-0.92	-0.05	56.39	-1.18	-0.04	IN

Summary Statistics

	Sample B91	Sample B92
Grand Means	36.886 Percent	57.570 Percent
Stnd Dev Btwn Labs	16.947 Percent	27.304 Percent

Statistics based on 13 of 14 reporting participants

Sample B91: LDPE & Sample B92: LDPE

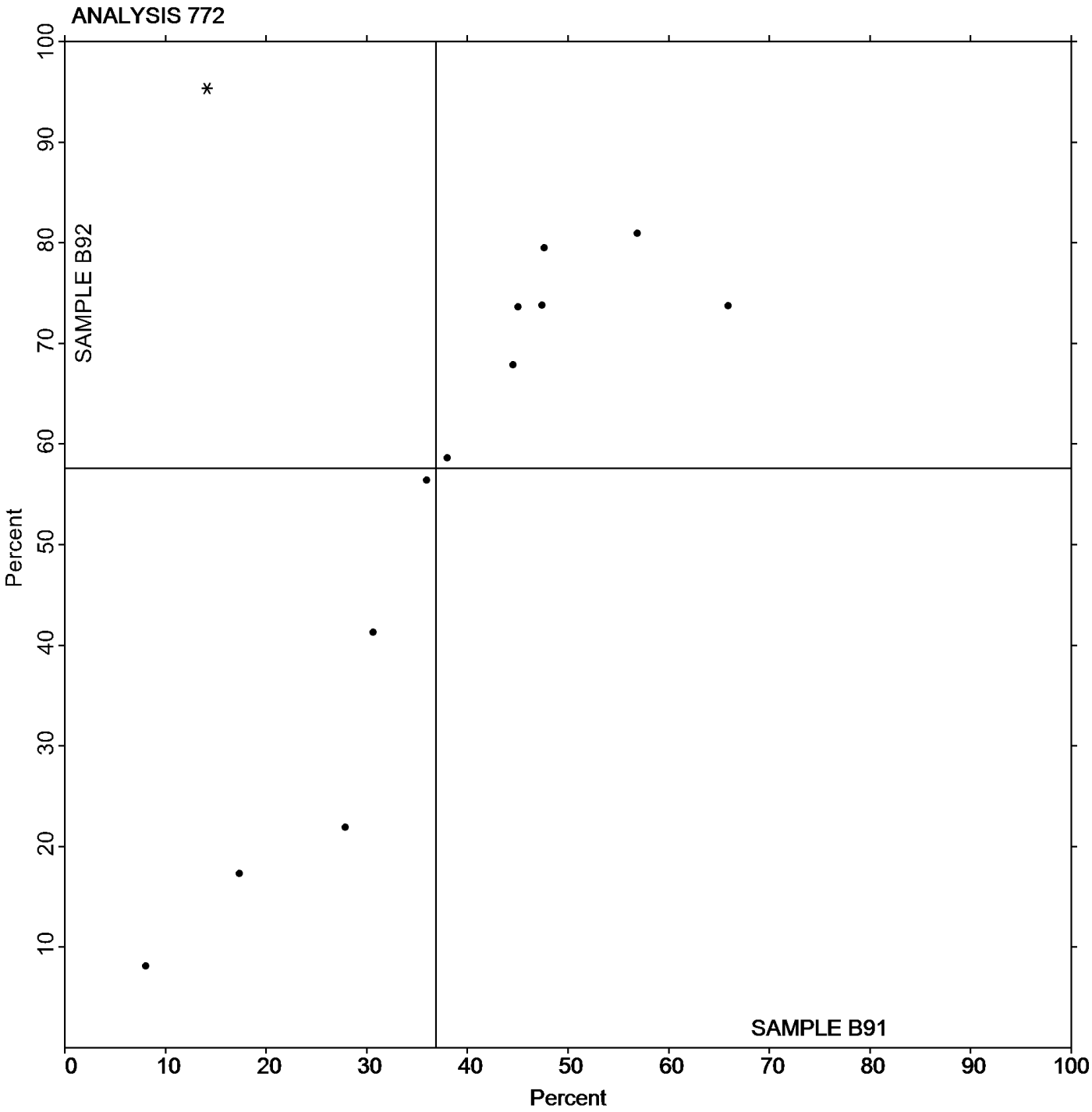
Comments on Assigned Data Flags for Test #772

4TV2HK (X) - Extreme data.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B91: 36.886 Percent Grand Mean Sample B92: 57.570 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 B91 Lab Mean	Sample B91 Diff from Grand Mean	Sample B91 CPV	Sample B92 Lab Mean	Sample B92 Diff from Grand Mean	Sample B92 CPV	Instr Code
2Z2WL2		991.4	148.7	1.29	767.8	51.4	0.57	TO
3K363P		968.0	125.3	1.09	746.0	29.6	0.33	IN
4TV2HK	X	53.5	-789.2	-6.87	97.1	-619.3	-6.80	IN
7NKY88		1,044.1	201.4	1.75	886.3	169.9	1.87	IN
7XHY9Z		824.1	-18.6	-0.16	780.7	64.3	0.71	MT
AFY8A6		821.1	-21.6	-0.19	755.4	39.0	0.43	IM
CCWKTQ		698.4	-144.3	-1.26	602.2	-114.1	-1.25	IN
D6YHHL		887.1	44.4	0.39	709.0	-7.4	-0.08	OA
F2349Z		829.5	-13.2	-0.11	714.1	-2.3	-0.02	IN
FC73DU		901.4	58.7	0.51	749.9	33.5	0.37	IN
GVW26Q		707.5	-135.1	-1.18	607.3	-109.1	-1.20	IN
J6DHU3		761.5	-81.2	-0.71	682.3	-34.1	-0.37	LI
NHQ9MT		737.0	-105.7	-0.92	634.0	-82.4	-0.90	WZ
PCGDFX		932.0	89.3	0.78	829.0	112.6	1.24	IN
QJTQXT		694.5	-148.2	-1.29	565.0	-151.4	-1.66	IN

Summary Statistics

	Sample B91	Sample B92
Grand Means	842.68 Percent	716.35 Percent
Stnd Dev Btwn Labs	114.89 Percent	91.02 Percent

Statistics based on 14 of 15 reporting participants

Sample B91: LDPE & Sample B92: LDPE

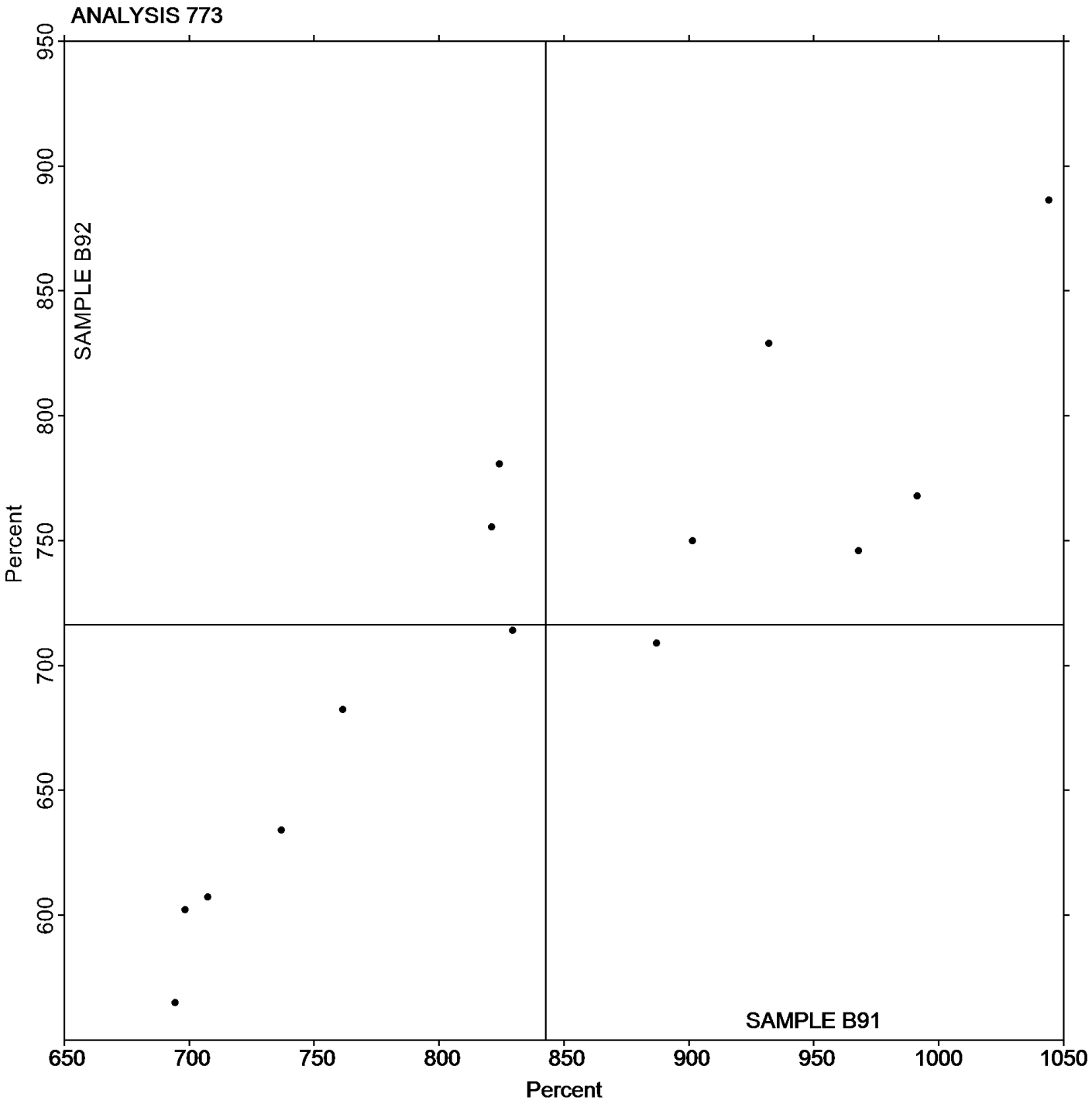
Comments on Assigned Data Flags for Test #773

4TV2HK (X) - Extreme data.

Key to Instrument Codes Reported by Participants

IM	Instru-Met Instruments	IN	Instron
LI	Lloyd Instruments	MT	MTS/Sintech
OA	Oakland Testing	TO	Tinius Olsen
WZ	Zwick		

Grand Mean Sample B91: 842.68 Percent Grand Mean Sample B92: 716.35 Percent



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

WebCode	Data Flag	Sample B91 Lab Mean	Sample B91 Diff from Grand Mean	Sample B91 CPV	Sample B92 Lab Mean	Sample B92 Diff from Grand Mean	Sample B92 CPV
2Z2WL2		3.0670	0.2221	0.96	2.9489	0.1585	0.48
3K363P		3.0520	0.2071	0.89	2.4890	-0.3014	-0.91
4TV2HK		2.8400	-0.0049	-0.02	2.8600	0.0696	0.21
7NKY88		2.9200	0.0751	0.32	3.2100	0.4196	1.27
7XHY9Z		3.0000	0.1551	0.67	3.2500	0.4596	1.39
AFY8A6		2.7010	-0.1439	-0.62	3.4660	0.6756	2.04
CCWKTQ		3.1180	0.2731	1.18	2.6990	-0.0914	-0.28
D6YHHL		3.0940	0.2491	1.08	2.4330	-0.3574	-1.08
F2349Z		2.4400	-0.4049	-1.75	2.3100	-0.4804	-1.45
FC73DU		2.8640	0.0191	0.08	2.9570	0.1666	0.50
GVW26Q		3.0197	0.1749	0.76	2.8859	0.0955	0.29
J6DHU3		2.4308	-0.4141	-1.79	2.5839	-0.2065	-0.62
JVM22T		2.9800	0.1351	0.58	2.5400	-0.2504	-0.76
NHQ9MT		2.4921	-0.3527	-1.52	2.2756	-0.5148	-1.56
PCGDFX		2.9700	0.1251	0.54	2.8800	0.0896	0.27
QJTQXT		2.7330	-0.1119	-0.48	2.7820	-0.0084	-0.03
VNA68V		2.6410	-0.2039	-0.88	2.8660	0.0756	0.23

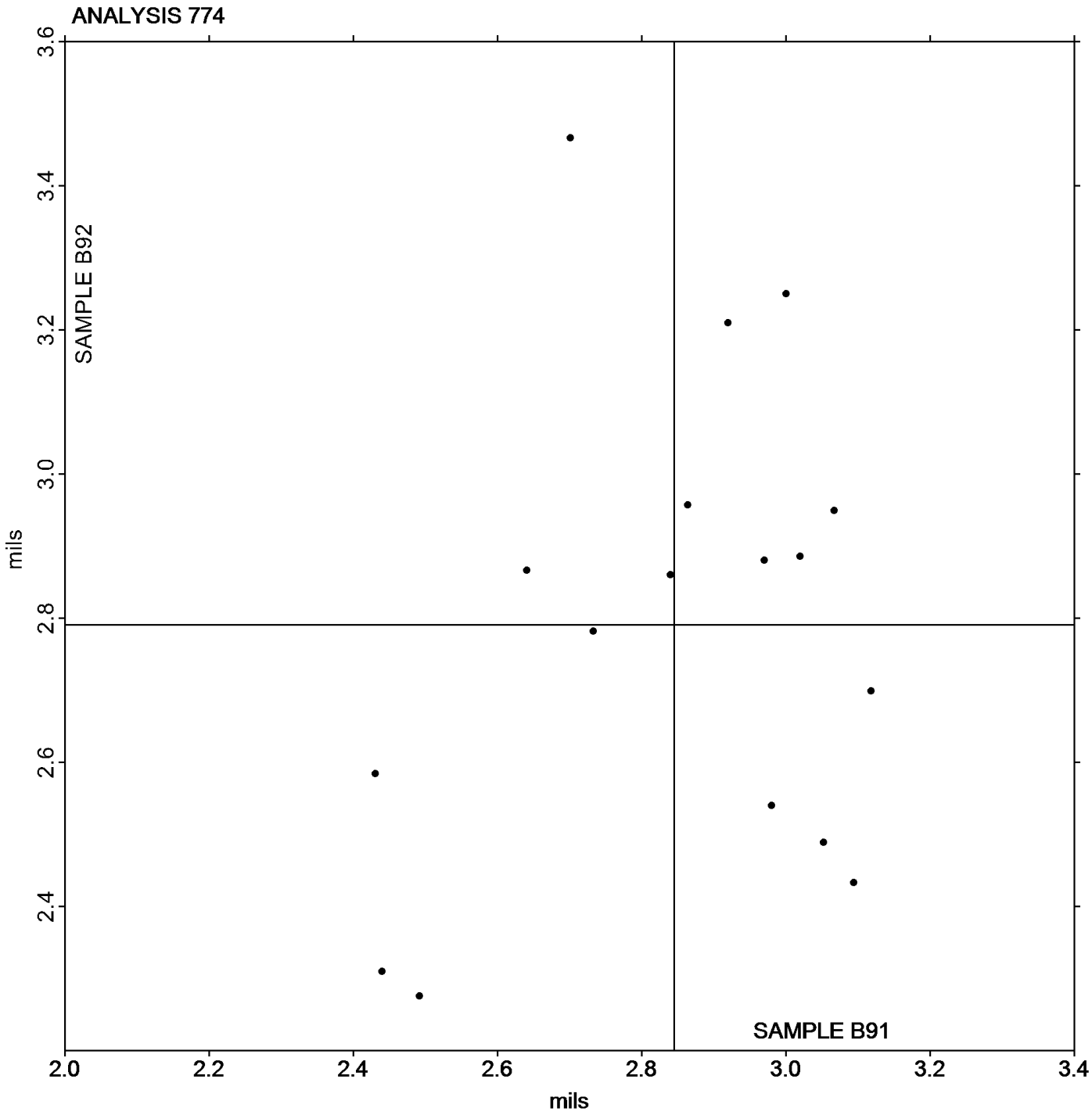
Summary Statistics

	Sample B91	Sample B92
Grand Means	2.84486 mils	2.79037 mils
Stnd Dev Btwn Labs	0.23159 mils	0.33095 mils

Statistics based on 17 of 17 reporting participants

Sample B91: LDPE & Sample B92: LDPE

Grand Mean Sample B91: 2.8449 mils Grand Mean Sample B92: 2.7904 mils



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 775

Secant Modulus at 1% Strain - psi

WebCode	Data Flag	Sample B91 Lab Mean	Sample B91 Diff from Grand Mean	Sample B91 CPV	Sample B92 Lab Mean	Sample B92 Diff from Grand Mean	Sample B92 CPV	Instr Code
2Z2WL2		29,680	-2,461	-0.88	25,240	-4,192	-1.38	TO
7NKY88		27,035	-5,106	-1.82	25,407	-4,025	-1.32	IN
AFY8A6		31,395	-746	-0.27	28,820	-612	-0.20	IM
CCWKTQ		29,750	-2,391	-0.85	27,585	-1,847	-0.61	IN
D6YHHL		35,056	2,915	1.04	32,823	3,391	1.12	OA
FC73DU		34,140	2,000	0.71	31,819	2,387	0.78	IN
J6DHU3		33,396	1,255	0.45	28,573	-859	-0.28	LI
NHQ9MT	X	59,031	26,890	9.59	44,759	15,327	5.04	WZ
PCGDFX		34,125	1,984	0.71	33,284	3,852	1.27	IN
QJTQXT		34,690	2,549	0.91	31,340	1,908	0.63	IN

Summary Statistics

	Sample B91	Sample B92
Grand Means	32,140.7 psi	29,432.3 psi
Stnd Dev Btwn Labs	2,804.1 psi	3,040.8 psi

Statistics based on 9 of 10 reporting participants

Sample B91: LDPE & Sample B92: LDPE

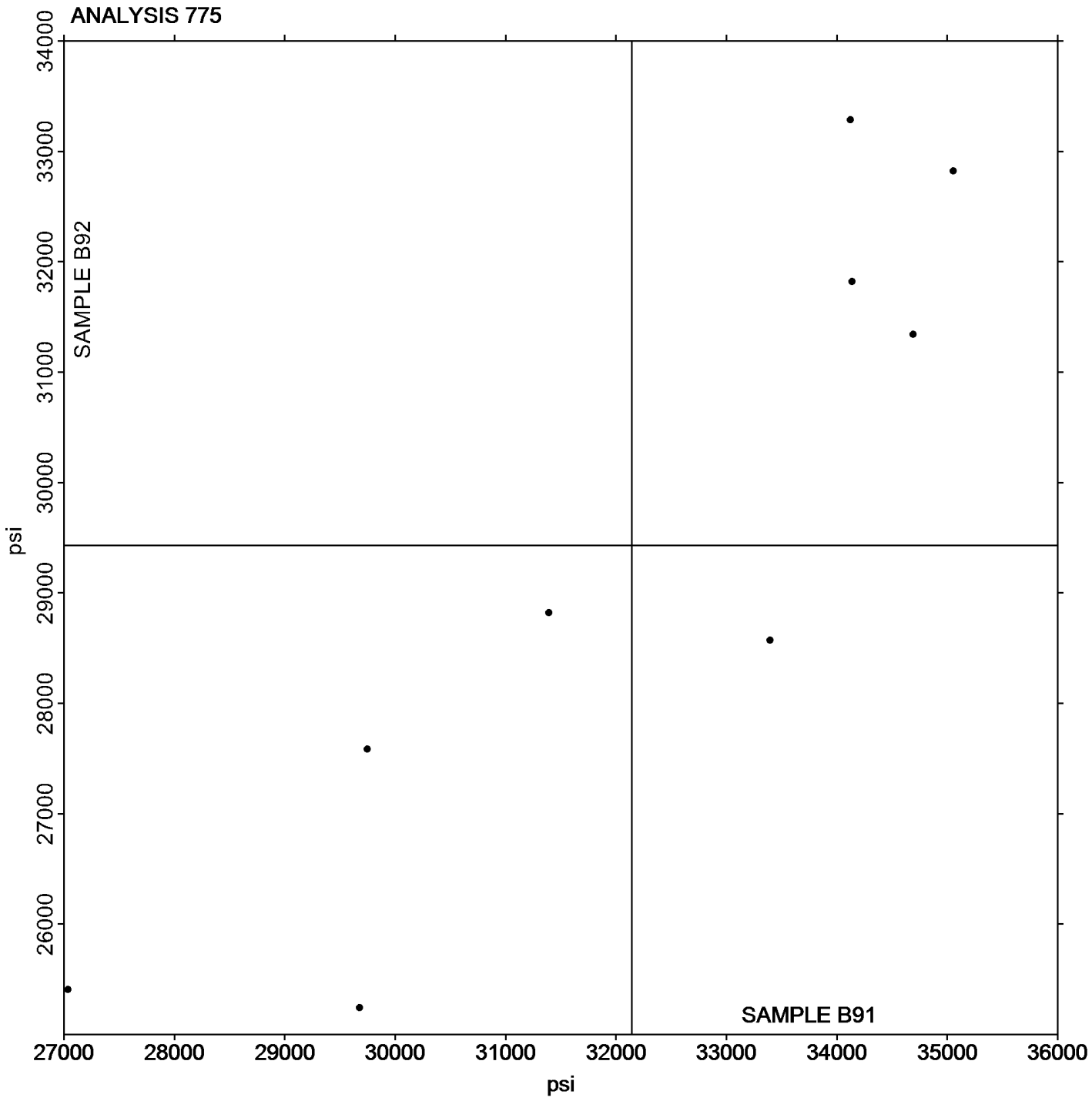
Comments on Assigned Data Flags for Test #775

NHQ9MT (X) - Data for both samples are high. Inconsistent in testing within both samples.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B91: 32,140.70 psi Grand Mean Sample B92: 29,432.32 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 B91 Lab Mean	Sample B91 Diff from Grand Mean	Sample B91 CPV	Sample B92 Lab Mean	Sample B92 Diff from Grand Mean	Sample B92 CPV	Instr Code
2Z2WL2		29,880	2,252	0.85	25,440	186	0.08	TO
7NKY88		21,963	-5,665	-2.15	20,923	-4,330	-1.93	IN
AFY8A6		26,350	-1,278	-0.48	24,618	-635	-0.28	IM
CCWKTQ		26,720	-908	-0.34	24,992	-262	-0.12	MT
FC73DU		28,702	1,074	0.41	26,942	1,688	0.75	IN
J6DHU3		28,653	1,025	0.39	23,879	-1,374	-0.61	LI
NHQ9MT	X	51,126	23,498	8.91	42,163	16,909	7.53	WZ
PCGDFX		28,777	1,148	0.44	27,375	2,121	0.94	IN
QJTQXT		29,980	2,352	0.89	27,860	2,606	1.16	IN

Summary Statistics

	Sample B91	Sample B92
Grand Means	27,628.0 psi	25,253.6 psi
Stnd Dev Btwn Labs	2,637.1 psi	2,245.3 psi

Statistics based on 8 of 9 reporting participants

Sample B91: LDPE & Sample B92: LDPE

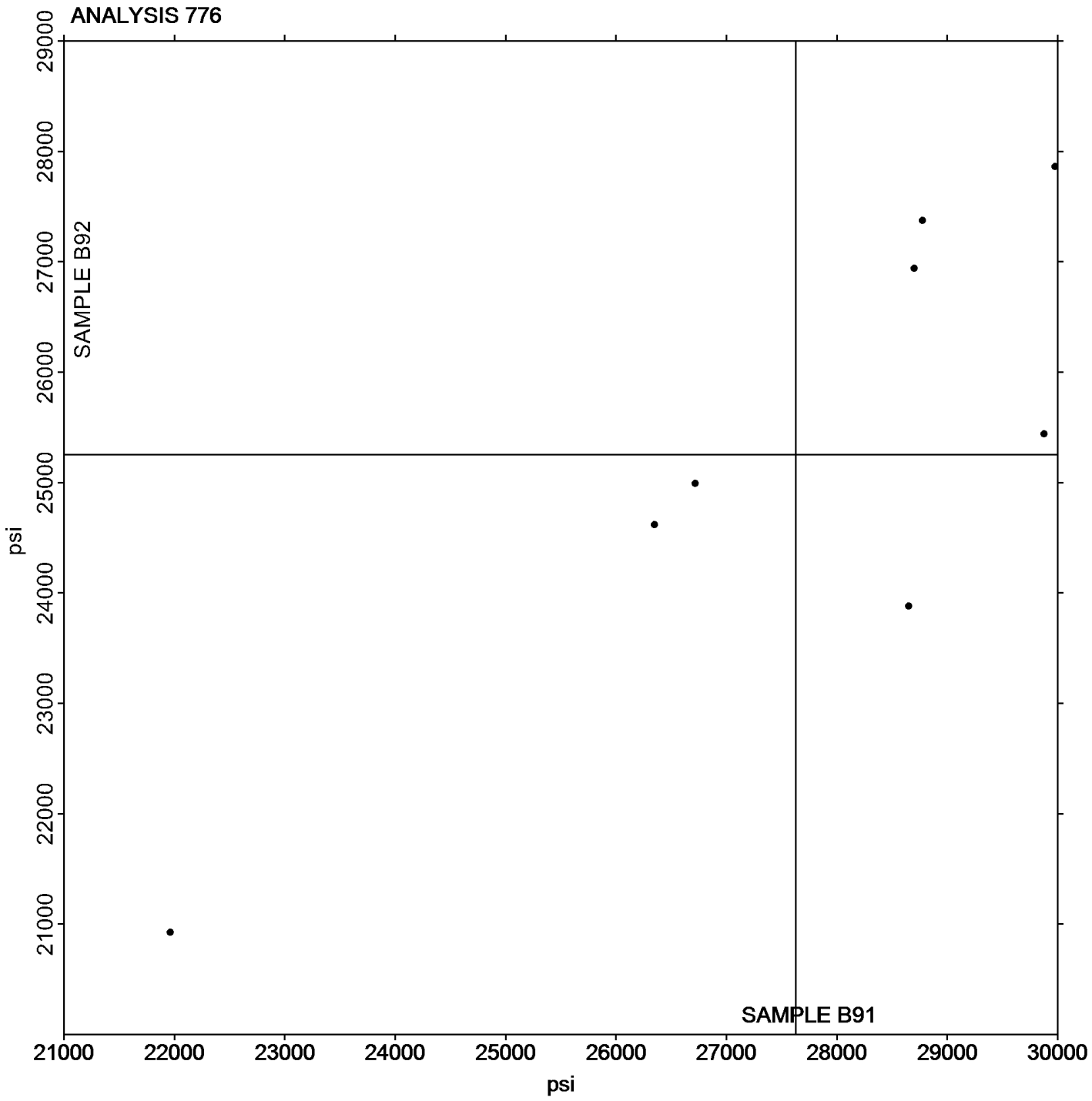
Comments on Assigned Data Flags for Test #776

NHQ9MT (X) - Data for both samples are high. Inconsistent in testing within both samples.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B91: 27,628.03 psi Grand Mean Sample B92: 25,253.63 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 P91 Lab Mean	Sample P91 Diff from Grand Mean	Sample P91 CPV	Sample P92 Lab Mean	Sample P92 Diff from Grand Mean	Sample P92 CPV	Instr Code
2Z2WL2		0.1212	-0.0460	-0.93	0.1274	-0.0369	-0.74	RD
7XHY9Z		0.1074	-0.0598	-1.21	0.1052	-0.0591	-1.18	TO
AFY8A6		0.1148	-0.0524	-1.06	0.1098	-0.0545	-1.09	TH
CCWKTQ		0.2076	0.0404	0.82	0.1718	0.0075	0.15	MI
D6YHHL		0.1488	-0.0184	-0.37	0.1670	0.0027	0.05	DY
D9DPQY		0.1856	0.0184	0.37	0.1189	-0.0454	-0.90	IG
LDJ7JL		0.1856	0.0184	0.37	0.1984	0.0341	0.68	TH
N6GAH8		0.2700	0.1028	2.09	0.2876	0.1233	2.46	XX
NHQ9MT		0.2060	0.0388	0.79	0.1680	0.0037	0.07	SA
PCGDFX		0.1386	-0.0286	-0.58	0.1602	-0.0041	-0.08	TM
QJTQXT		0.1242	-0.0430	-0.87	0.1570	-0.0073	-0.15	TH
TQGM9K		0.1966	0.0294	0.60	0.2006	0.0363	0.72	MI

Summary Statistics

	Sample P91	Sample P92
Grand Means	0.16720 COF	0.16433 COF
Stnd Dev Btwn Labs	0.04926 COF	0.05019 COF

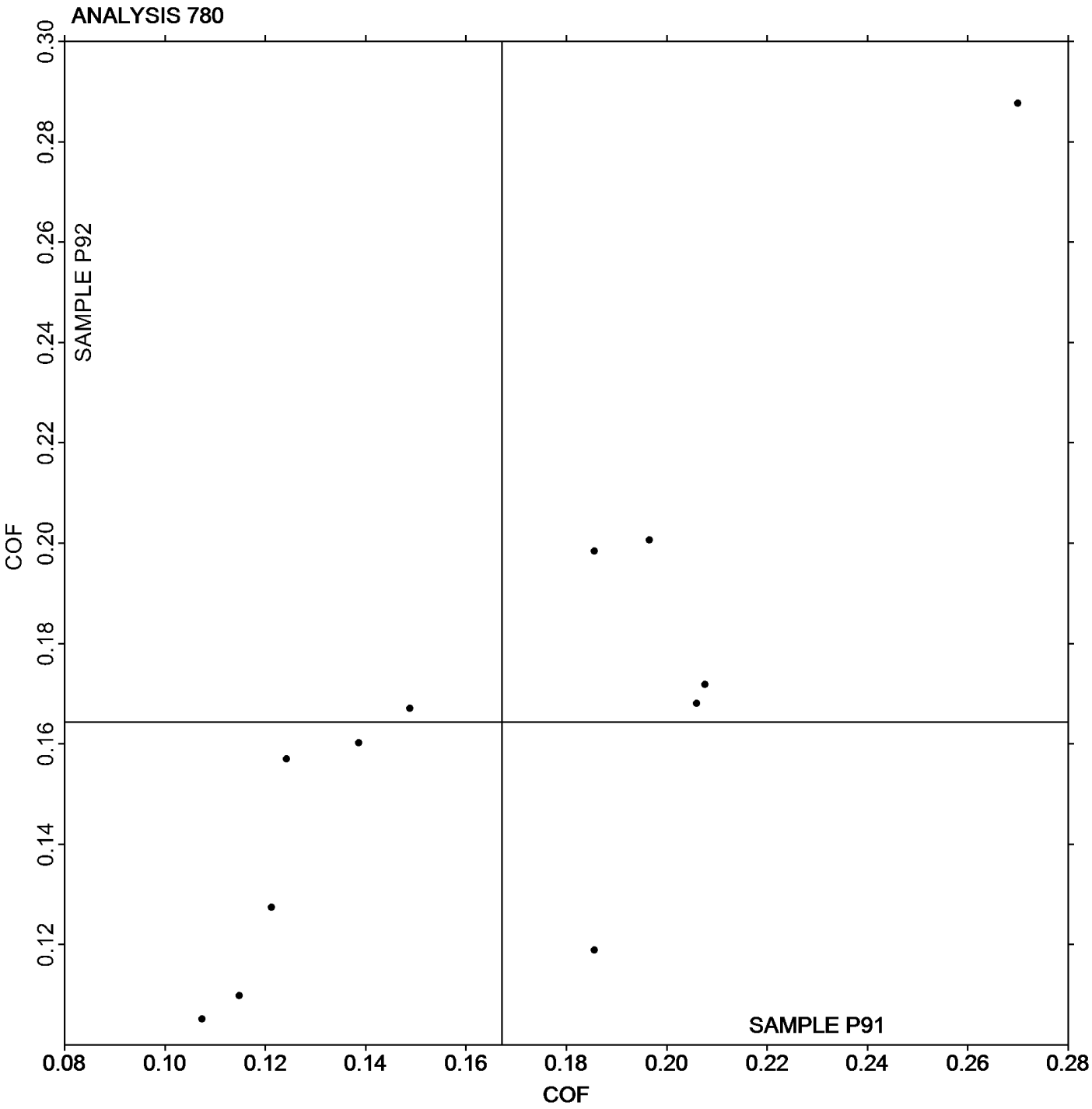
Statistics based on 12 of 12 reporting participants

Sample P91: LDPE & Sample P92: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample P91: 0.16720 COF Grand Mean Sample P92: 0.16433 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 P91 Lab Mean	Sample P91 Diff from Grand Mean	Sample P91 CPV	Sample P92 Lab Mean	Sample P92 Diff from Grand Mean	Sample P92 CPV	Instr Code
2Z2WL2		0.1144	0.0156	0.41	0.1190	0.0125	0.31	RD
7XHY9Z		0.0644	-0.0344	-0.91	0.0732	-0.0333	-0.82	TO
AFY8A6		0.0660	-0.0328	-0.87	0.0616	-0.0449	-1.10	TH
CCWKTQ		0.0878	-0.0110	-0.29	0.0888	-0.0177	-0.43	MI
D6YHHL		0.1110	0.0122	0.32	0.1234	0.0169	0.42	DY
D9DPQY		0.0852	-0.0136	-0.36	0.0707	-0.0358	-0.88	IG
LDJ7JL		0.0808	-0.0180	-0.47	0.1018	-0.0047	-0.11	TH
N6GAH8		0.2064	0.1076	2.85	0.2116	0.1051	2.58	XX
NHQ9MT		0.1000	0.0012	0.03	0.1080	0.0015	0.04	SA
PCGDFX		0.0732	-0.0256	-0.68	0.0748	-0.0317	-0.78	TM
QJTQXT		0.1084	0.0096	0.25	0.1376	0.0311	0.77	TH
TQGM9K		0.0876	-0.0112	-0.30	0.1072	0.0007	0.02	MI

Summary Statistics

	Sample P91	Sample P92
Grand Means	0.09876 COF	0.10648 COF
Stnd Dev Btwn Labs	0.03782 COF	0.04068 COF

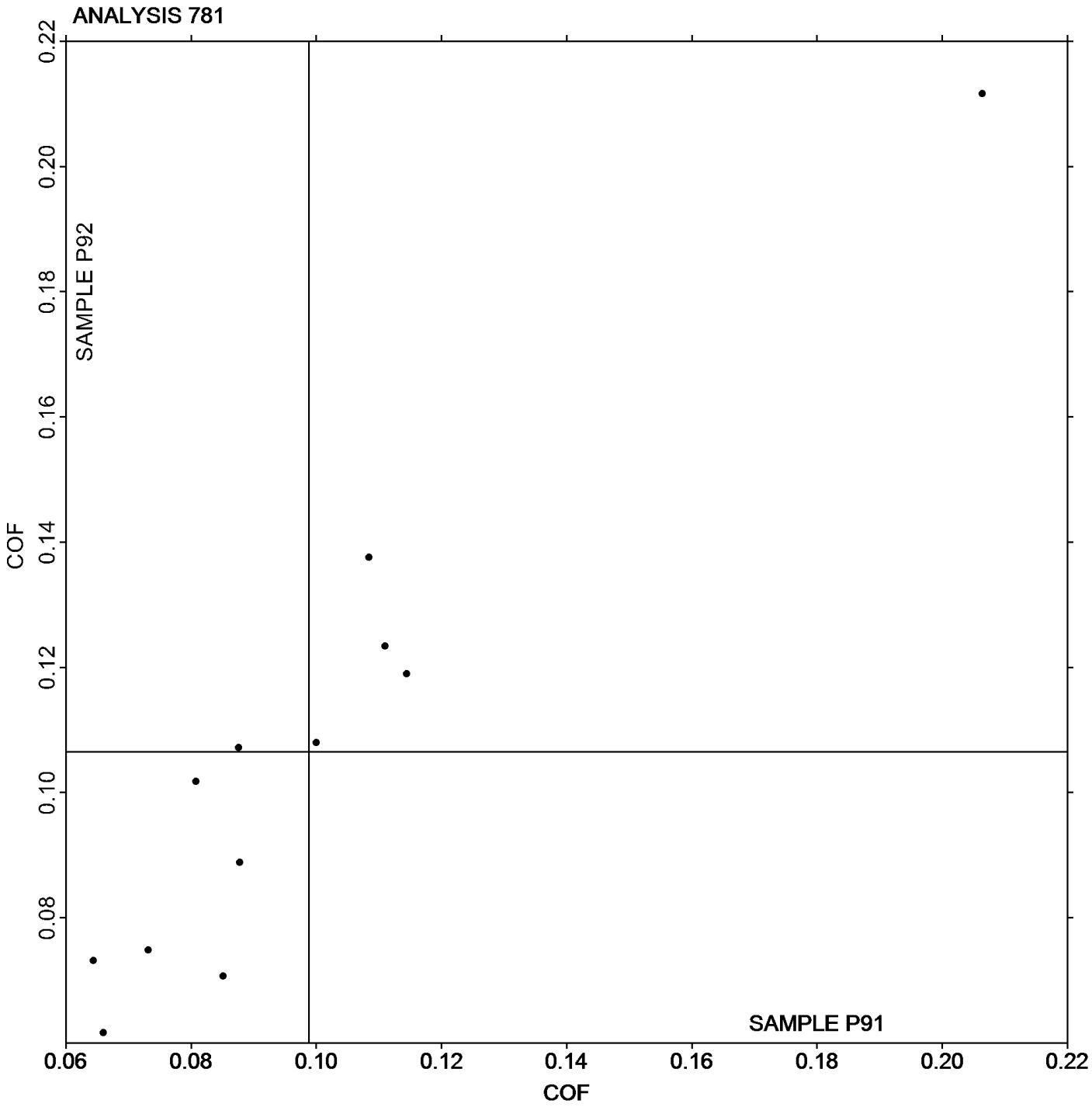
Statistics based on 12 of 12 reporting participants

Sample P91: LDPE & Sample P92: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample P91: 0.09876 COF Grand Mean Sample P92: 0.10648 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 Q91 Lab Mean	Sample Q91 Diff from Grand Mean	Sample Q91 CPV	Sample Q92 Lab Mean	Sample Q92 Diff from Grand Mean	Sample Q92 CPV	Instr Code
AFY8A6		402.3	74.2	1.69	415.9	95.3	1.26	EM
CCWKTQ		270.8	-57.3	-1.30	250.7	-69.8	-0.92	TE
D6YHHL		355.8	27.7	0.63	324.2	3.6	0.05	TA
GVW26Q		334.6	6.5	0.15	389.5	68.9	0.91	SZ
NHQ9MT		283.9	-44.2	-1.00	275.7	-44.8	-0.59	LO
PCGDFX		322.9	-5.2	-0.12	215.7	-104.9	-1.38	TM
QJTQXT		326.1	-2.0	-0.04	372.1	51.5	0.68	TE

Summary Statistics

	Sample Q91	Sample Q92
Grand Means	328.05 grams-force	320.55 grams-force
Stnd Dev Btwn Labs	43.94 grams-force	75.71 grams-force

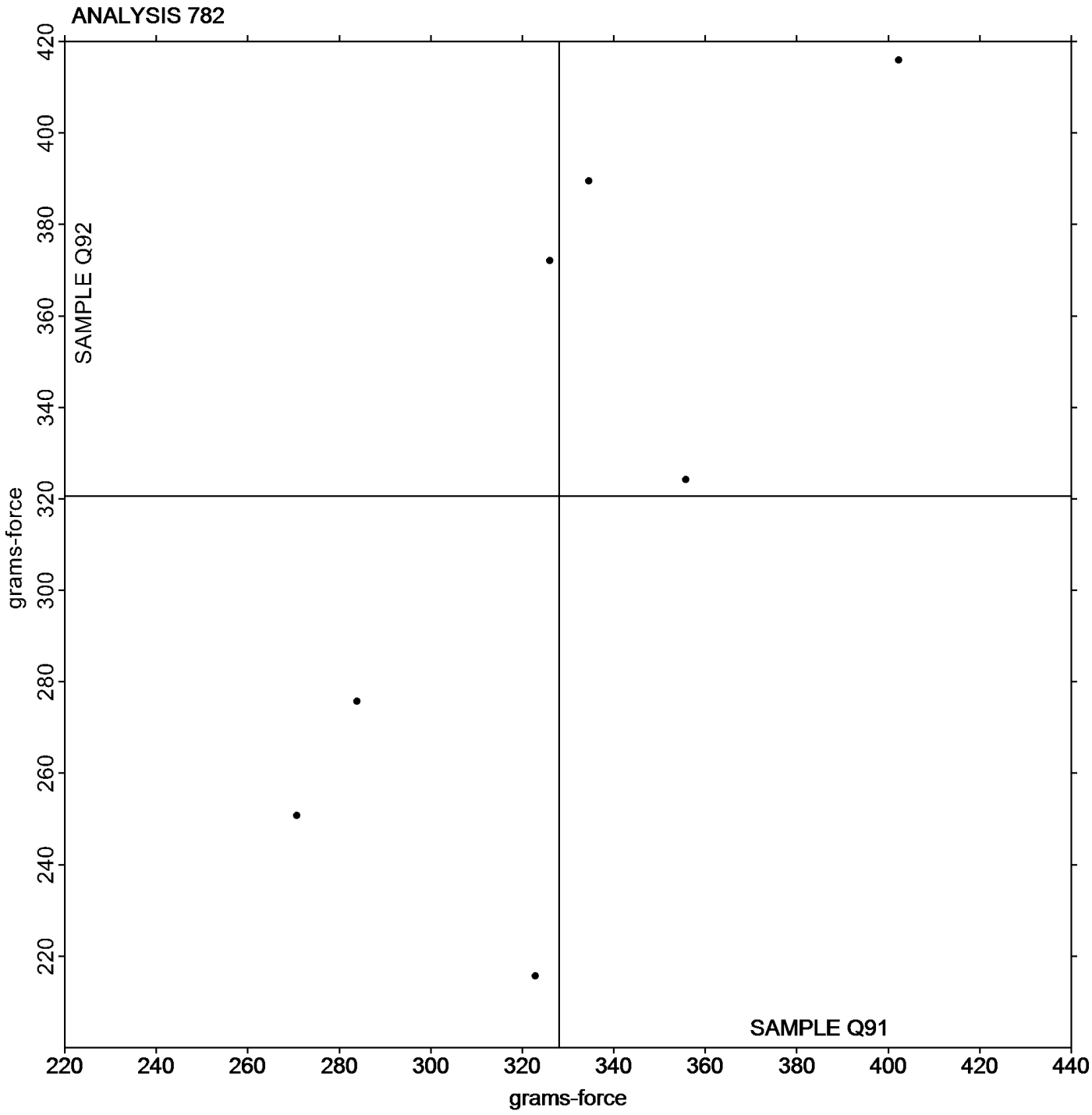
Statistics based on 7 of 7 reporting participants

Sample Q91: LDPE & Sample Q92: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample Q91: 328.05 grams-force Grand Mean Sample Q92: 320.55 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 D91 Lab Mean	Sample D91 Diff from Grand Mean	Sample D91 CPV	Sample D92 Lab Mean	Sample D92 Diff from Grand Mean	Sample D92 CPV	Instr Code
323MMN	X	19.363	-6.592	-5.11	26.763	7.788	9.76	BJ
7QYTED		25.950	-0.004	0.00	18.338	-0.637	-0.80	BJ
9AL2PE		25.271	-0.683	-0.53	18.356	-0.618	-0.77	HL
AFY8A6		26.050	0.096	0.07	19.161	0.187	0.23	BJ
B8PYJV		25.325	-0.629	-0.49	19.275	0.300	0.38	BJ
BBTRGZ		25.913	-0.042	-0.03	19.558	0.583	0.73	BJ
C3CEEV		23.811	-2.143	-1.66	17.551	-1.423	-1.78	XR
CCWKTQ		25.163	-0.792	-0.61	19.250	0.275	0.35	BJ
D6YHHL		25.855	-0.099	-0.08	19.863	0.888	1.11	XR
EUBQ4D		27.176	1.222	0.95	19.689	0.714	0.90	XR
GCKCRT		26.350	0.396	0.31	18.988	0.013	0.02	BJ
GVW26Q		27.675	1.721	1.33	19.338	0.363	0.45	BJ
JNQ729		25.839	-0.115	-0.09	19.135	0.160	0.20	BJ
JTFLNU	*	22.688	-3.267	-2.53	16.775	-2.200	-2.76	HL
KCAJN2		25.225	-0.729	-0.56	19.000	0.025	0.03	BJ
KGNAX3		26.438	0.483	0.37	18.575	-0.400	-0.50	BJ
LDJ7JL	X	91.075	65.121	50.44	91.650	72.675	91.08	BH
MABPRN		25.463	-0.492	-0.38	18.588	-0.387	-0.49	BJ
PCGDFX		27.163	1.208	0.94	20.050	1.075	1.35	BJ
QJTQXT		26.613	0.658	0.51	17.925	-1.050	-1.32	BJ
UJFNHV		27.575	1.621	1.26	18.750	-0.225	-0.28	BJ
UUHV9P		24.206	-1.748	-1.35	19.768	0.793	0.99	XX
VNA68V		27.038	1.083	0.84	19.350	0.375	0.47	BJ
XC4DMD		25.863	-0.092	-0.07	19.203	0.228	0.29	XX
ZDRYF9		28.301	2.347	1.82	19.933	0.958	1.20	XR

Summary Statistics

	Sample D91	Sample D92
Grand Means	25.9542 Percent	18.9746 Percent
Stnd Dev Btwn Labs	1.2911 Percent	0.7979 Percent

Statistics based on 23 of 25 reporting participants

Sample D91: LDPE & Sample D92: LDPE

Comments on Assigned Data Flags for Test #785

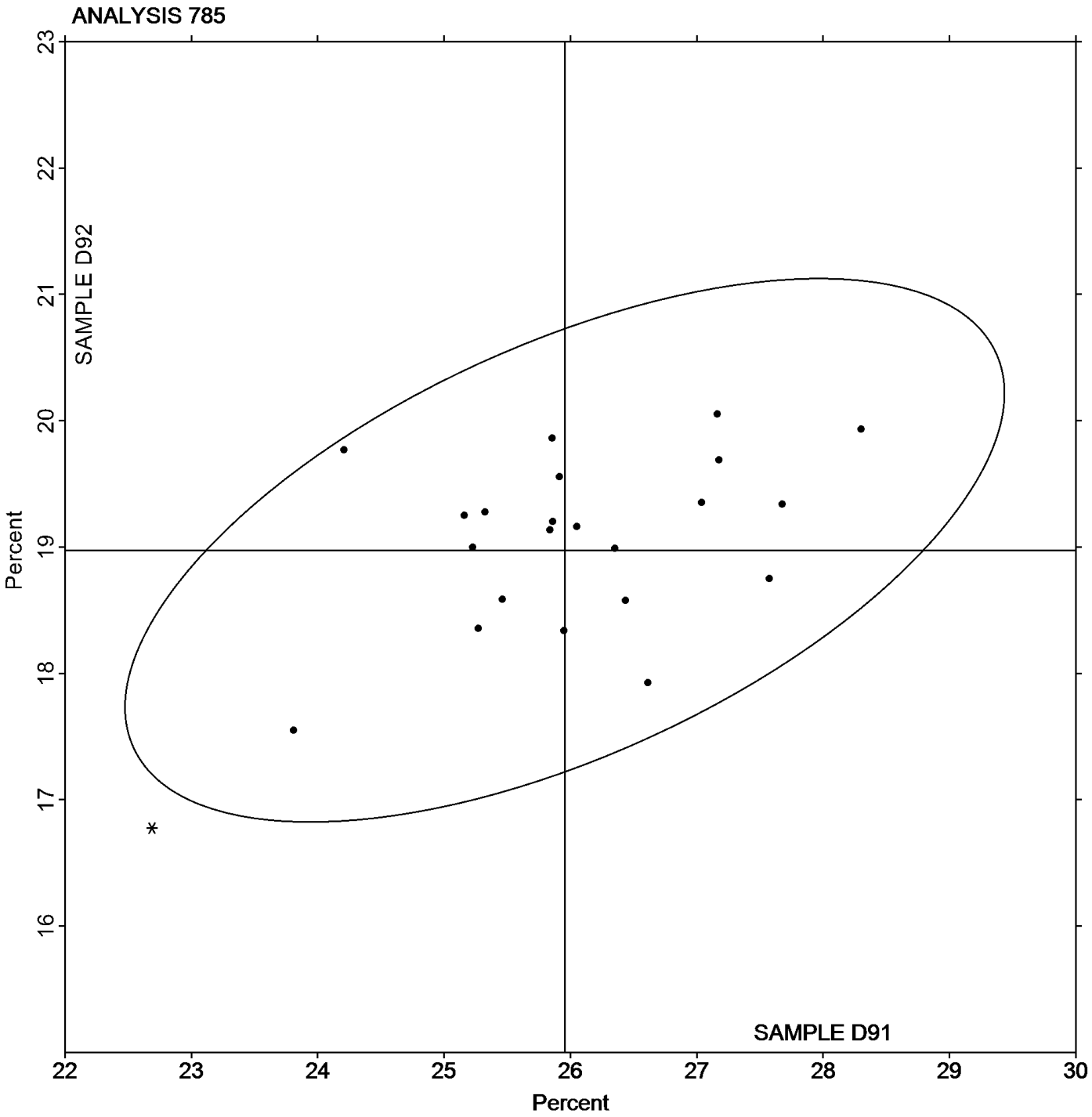
LDJ7JL (X) - Extreme data.

323MMN (X) - Data for sample D91 are low and data for sample D92 are high.

Key to Instrument Codes Reported by Participants

BH	BYK-Gardner/Pacific Scientific Model XL-211	BJ	BYK-Gardner Haze-Gard Plus/i
HL	Hunterlab Ultrascan	XR	X-Rite Spectrocolorimeter (any model)
XX	Instrument make/model not specified by lab		

Grand Mean Sample D91: 25.954 Percent Grand Mean Sample D92: 18.975 Percent



WebCode	Data Flag	Sample D91 Lab Mean	Sample D91 Diff from Grand Mean	Sample D91 CPV	Sample D92 Lab Mean	Sample D92 Diff from Grand Mean	Sample D92 CPV	Instr Code
7QYTED		93.64	1.24	0.96	94.18	1.72	1.25	BJ
9AL2PE		90.33	-2.07	-1.61	90.54	-1.92	-1.40	HL
AFY8A6		93.26	0.87	0.67	93.58	1.12	0.82	BJ
B8PYJV		92.55	0.15	0.12	92.70	0.24	0.18	BJ
BBTRGZ		92.73	0.33	0.26	92.85	0.39	0.29	BJ
C3CEEV		91.69	-0.71	-0.55	91.53	-0.93	-0.68	XR
CCWKTQ		93.68	1.28	0.99	93.65	1.19	0.87	BJ
EUBQ4D		92.56	0.16	0.12	92.64	0.18	0.13	XR
GCKCRT		93.20	0.80	0.62	93.50	1.04	0.76	BJ
GVW26Q		91.99	-0.41	-0.32	92.29	-0.17	-0.12	BJ
JNQ729		93.27	0.87	0.68	93.25	0.79	0.58	BJ
JTFLNU		90.36	-2.03	-1.58	90.58	-1.88	-1.37	HL
KCAJN2		93.50	1.10	0.86	93.40	0.94	0.69	BJ
KGNAX3	*	89.19	-3.21	-2.49	89.51	-2.94	-2.15	BJ
MABPRN		93.10	0.70	0.55	93.01	0.56	0.41	BJ
PCGDFX		92.99	0.59	0.46	93.19	0.73	0.53	BJ
QJTQXT	*	90.24	-2.16	-1.67	89.35	-3.11	-2.27	BJ
UJFNHV		94.05	1.65	1.28	93.99	1.53	1.12	BJ
UUHV9P		92.24	-0.16	-0.12	91.98	-0.48	-0.35	XX
VNA68V		93.03	0.63	0.49	93.29	0.83	0.61	BJ
XC4DMD		92.72	0.33	0.25	92.96	0.51	0.37	XX
ZDRYF9		92.42	0.02	0.02	92.09	-0.37	-0.27	XR

Summary Statistics

	Sample D91	Sample D92
Grand Means	92.396 Percent	92.456 Percent
Stnd Dev Btwn Labs	1.289 Percent	1.370 Percent

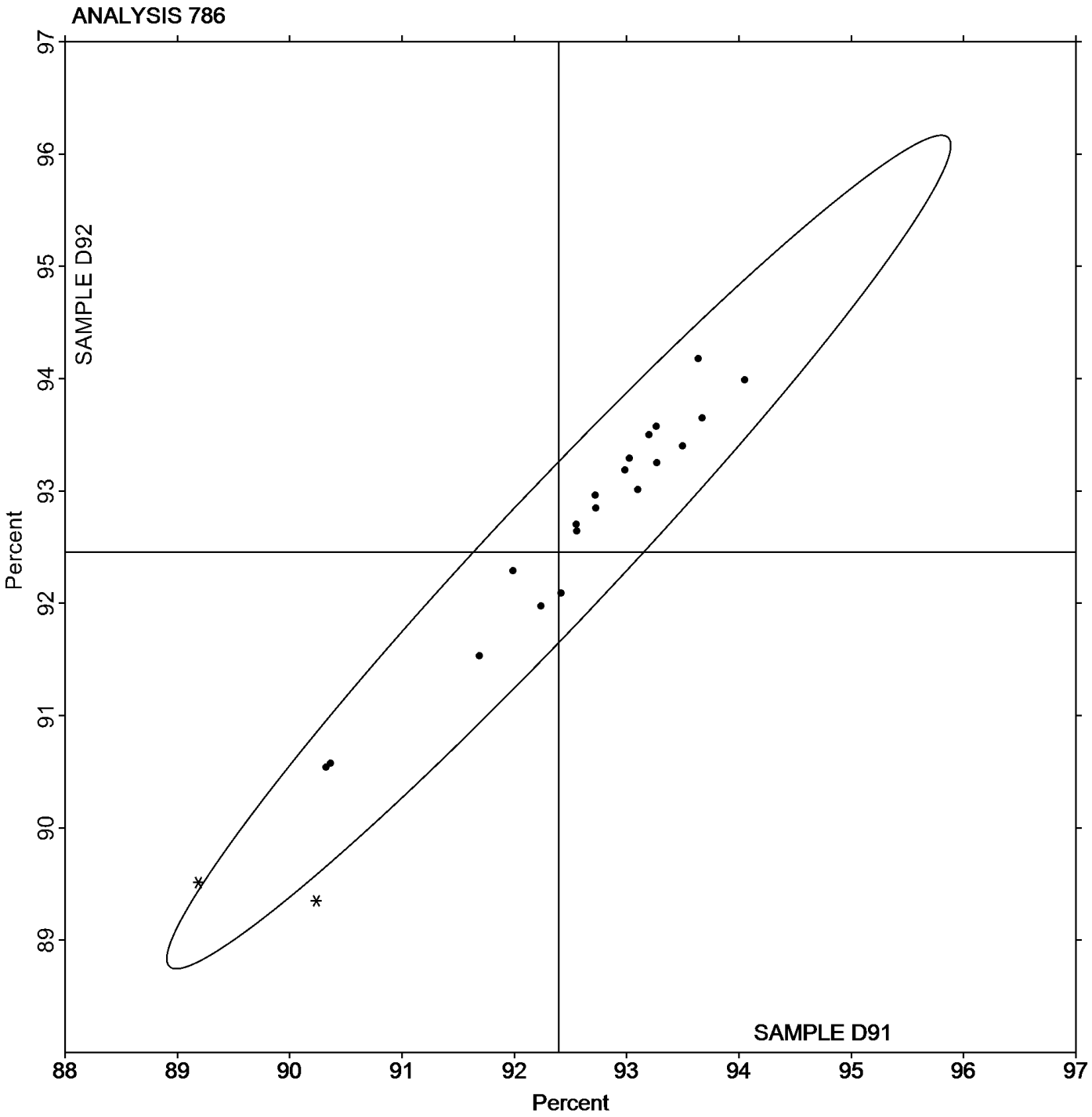
Statistics based on 22 of 22 reporting participants

Sample D91: LDPE & Sample D92: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample D91: 92.396 Percent Grand Mean Sample D92: 92.456 Percent



WebCode	Data Flag	Sample S91 Lab Mean	Sample S91 Diff from Grand Mean	Sample S91 CPV	Sample S92 Lab Mean	Sample S92 Diff from Grand Mean	Sample S92 CPV	Instr Code
323MMN		10.40	-0.14	-0.19	10.68	0.12	0.17	CE
3EW7UK		10.55	0.00	0.00	10.60	0.04	0.05	CS
3MRBML		10.81	0.26	0.35	10.51	-0.06	-0.08	XX
6AXQYU		10.04	-0.51	-0.67	9.96	-0.61	-0.85	WZ
778J2X		11.04	0.49	0.65	10.96	0.40	0.55	TO
7XHY9Z		12.00	1.45	1.92	11.69	1.13	1.58	WZ
8CADNJ	*	8.86	-1.69	-2.24	9.46	-1.10	-1.55	TO
8JUV92	*	12.64	2.09	2.78	11.92	1.36	1.90	TO
8LFT9R	*	9.61	-0.94	-1.24	8.94	-1.62	-2.27	TM
9AL2PE		9.87	-0.68	-0.90	9.94	-0.62	-0.87	TM
AGAAW4	X	28.04	17.50	23.20	27.66	17.10	23.94	WZ
AHD7QD		10.79	0.24	0.32	10.73	0.17	0.23	WZ
B8PYJV		10.59	0.04	0.06	10.60	0.03	0.04	CE
B9Y7LN		10.68	0.14	0.18	11.18	0.62	0.86	TM
BETEHW		11.99	1.44	1.92	12.01	1.45	2.03	TO
CCWKTQ		10.90	0.36	0.47	11.01	0.45	0.62	TO
D846VQ		10.46	-0.09	-0.11	10.27	-0.30	-0.42	WZ
DYQNAP	X	2.22	-8.33	-11.04	2.20	-8.36	-11.71	TO
E3MPTH		10.39	-0.16	-0.21	10.24	-0.32	-0.45	WZ
EBV4UY		11.29	0.75	0.99	11.33	0.76	1.07	CE
F2LEBK		10.86	0.31	0.41	10.90	0.33	0.46	TO
HABNP9		11.42	0.87	1.16	11.71	1.15	1.60	TM
JJVBJA		11.00	0.45	0.60	11.22	0.66	0.92	TO
JNQ729		10.79	0.24	0.32	10.69	0.13	0.18	TY
JVM22T		10.09	-0.45	-0.60	9.93	-0.63	-0.89	TO
KF49H9		10.43	-0.12	-0.16	10.05	-0.51	-0.72	IN
KGNAX3		10.45	-0.09	-0.12	10.56	0.00	0.00	WZ
L7KLE6		10.79	0.24	0.32	10.91	0.34	0.48	TY
M94TFD		10.03	-0.51	-0.68	9.68	-0.88	-1.24	BA
MAEXRF		10.76	0.22	0.29	10.77	0.21	0.29	TM
MM3WK4		9.39	-1.16	-1.54	9.26	-1.31	-1.83	TM
NFZHL3		11.38	0.83	1.10	11.42	0.86	1.20	TM
NLMZNX		11.53	0.98	1.30	11.87	1.31	1.83	WZ
PHF73X		10.06	-0.48	-0.64	10.04	-0.53	-0.74	WZ
PL4DUL		9.48	-1.07	-1.42	9.52	-1.04	-1.46	TO

WebCode	Data Flag	Sample S91 Lab Mean	Sample S91 Diff from Grand Mean	Sample S91 CPV	Sample S92 Lab Mean	Sample S92 Diff from Grand Mean	Sample S92 CPV	Instr Code
PN6LWB	*	9.20	-1.34	-1.78	10.09	-0.48	-0.67	CE
PUXJMM		9.37	-1.17	-1.56	10.11	-0.45	-0.63	TO
QJTQXT		10.57	0.02	0.03	10.50	-0.06	-0.09	CE
RURKEH		10.91	0.36	0.48	11.02	0.45	0.63	XX
T2YAEF		10.44	-0.10	-0.14	10.34	-0.22	-0.31	DY
ULMH43		9.93	-0.62	-0.82	9.97	-0.60	-0.84	TO
UMH29P		10.72	0.17	0.23	10.79	0.23	0.32	TO
WF6498		10.04	-0.51	-0.67	10.08	-0.49	-0.68	TO
WVLMZT		10.33	-0.22	-0.29	10.21	-0.36	-0.50	TO
XJGA72	X	6.29	-4.26	-5.65	6.60	-3.96	-5.55	TO
ZBJHRW		10.88	0.33	0.44	10.80	0.24	0.33	TO
ZGR8M4		10.29	-0.26	-0.34	10.35	-0.21	-0.29	XX

Summary Statistics

	Sample S91	Sample S92
Grand Means	10.546 ft.lbf/in	10.565 ft.lbf/in
Stnd Dev Btwn Labs	0.754 ft.lbf/in	0.714 ft.lbf/in

Statistics based on 44 of 47 reporting participants

Sample S91: ABS/PC & Sample S92: ABS/PC

Comments on Assigned Data Flags for Test #790

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

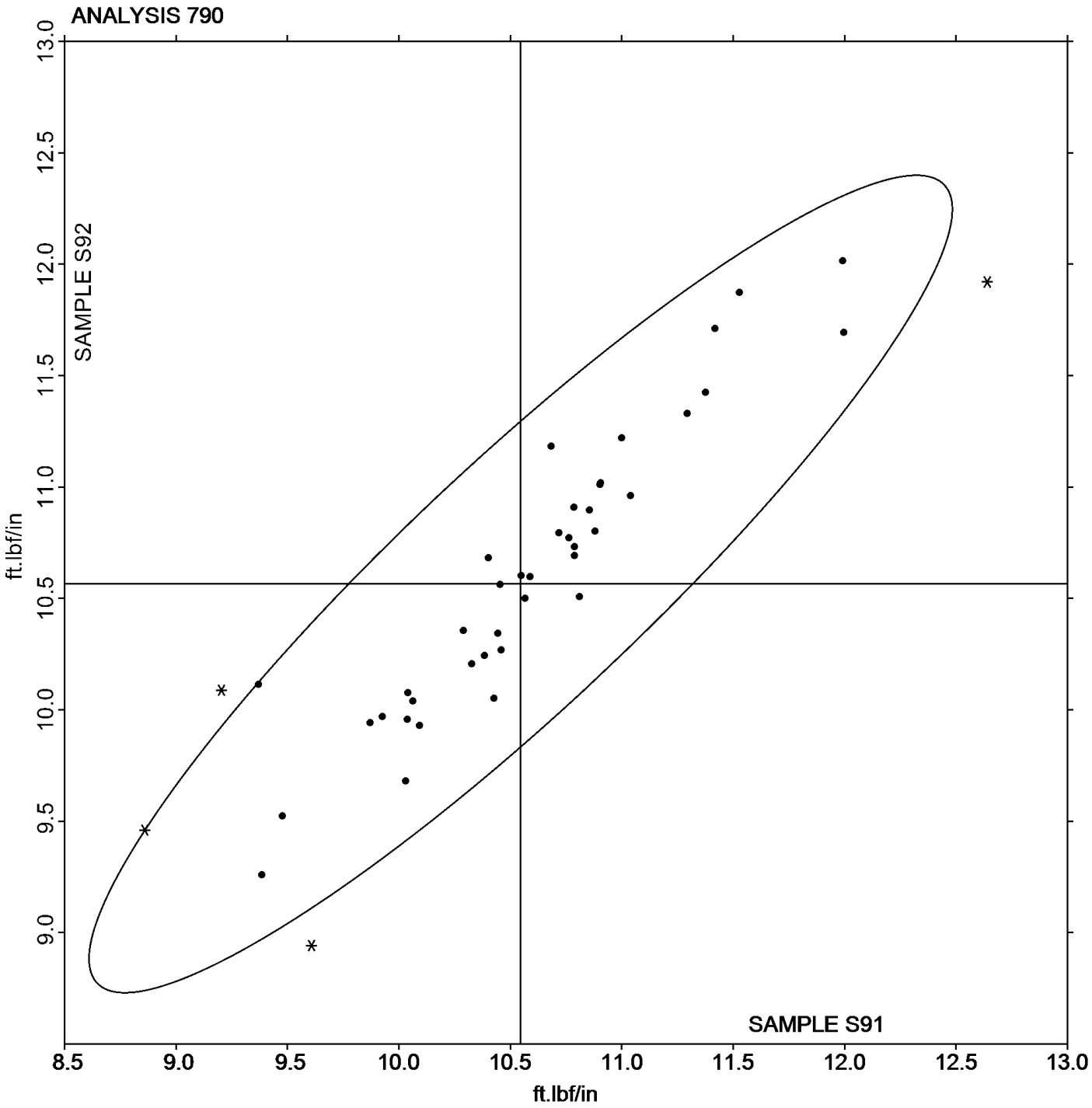
AGAAW4 (X) - Extreme data.

XJGA72 (X) - Data for both samples are low. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample S91: 10.546 ft.lbf/in Grand Mean Sample S92: 10.565 ft.lbf/in



WebCode	Data Flag	Sample Z91 Lab Mean	Sample Z91 Diff from Grand Mean	Sample Z91 CPV	Sample Z92 Lab Mean	Sample Z92 Diff from Grand Mean	Sample Z92 CPV	Instr Code
3AWRFP	X	7.87	-1.38	-2.28	7.21	-2.04	-3.64	CE
3MRBML		8.38	-0.87	-1.44	8.68	-0.57	-1.02	XX
6AXQYU		9.25	-0.01	-0.01	9.33	0.08	0.15	WZ
7E7GXU		9.55	0.30	0.49	9.52	0.27	0.49	WZ
7HLF3V		7.97	-1.28	-2.12	8.08	-1.17	-2.09	XX
8JUV92	X	15.84	6.59	10.90	15.12	5.87	10.49	TO
8WA873		9.39	0.14	0.23	9.36	0.11	0.20	CE
9263MG	*	7.60	-1.66	-2.74	7.57	-1.68	-2.99	IE
A96CUZ		9.18	-0.07	-0.12	9.08	-0.17	-0.31	XX
AHD7QD		9.34	0.09	0.15	9.21	-0.04	-0.07	WZ
ANJUB8		9.35	0.09	0.15	9.51	0.26	0.47	TO
BVGP4Y		9.98	0.72	1.20	10.03	0.78	1.40	CE
CCWKTQ		8.90	-0.35	-0.58	9.17	-0.08	-0.14	TO
D3HJPW		10.34	1.08	1.79	10.37	1.12	2.01	CE
DANRCX		9.21	-0.05	-0.08	9.05	-0.20	-0.35	XX
DMCTR4		9.24	-0.01	-0.02	8.93	-0.32	-0.58	CE
E3MPTH		9.32	0.06	0.10	9.24	-0.01	-0.02	WZ
E99APQ		8.94	-0.31	-0.52	9.13	-0.12	-0.21	TO
EU9QF8	*	8.65	-0.60	-1.00	9.30	0.05	0.09	TO
JNQ729		9.30	0.04	0.07	9.34	0.09	0.16	XX
KJRDYK		8.96	-0.30	-0.49	8.88	-0.37	-0.66	TO
L7KLE6		9.52	0.27	0.44	9.45	0.20	0.37	TY
M8LH8R		10.22	0.97	1.60	10.42	1.17	2.09	WZ
MH93JW		9.85	0.59	0.98	9.75	0.50	0.90	WZ
PAKRXL		10.33	1.08	1.78	10.04	0.79	1.41	TO
QJTQXT		9.72	0.47	0.77	9.56	0.31	0.56	CE
QQABWY		9.74	0.49	0.80	9.76	0.51	0.91	TO
RKFWKX		9.14	-0.11	-0.19	8.70	-0.55	-0.98	WZ
ULMH43		9.23	-0.03	-0.05	9.03	-0.22	-0.39	TO
UZ4Y4X		9.04	-0.21	-0.35	9.09	-0.16	-0.29	IN
VP2GTG		9.68	0.43	0.71	9.20	-0.04	-0.08	IN
VY7XWL		9.91	0.65	1.08	9.86	0.61	1.08	CE
WQQQDM		8.72	-0.54	-0.89	9.00	-0.25	-0.45	CE
WTVUCK		9.06	-0.20	-0.32	9.12	-0.13	-0.22	TO
WVKZWG		9.17	-0.09	-0.14	8.94	-0.31	-0.55	IN

WebCode	Data Flag	Sample Z91 Lab Mean	Sample Z91 Diff from Grand Mean	Sample Z91 CPV	Sample Z92 Lab Mean	Sample Z92 Diff from Grand Mean	Sample Z92 CPV	Instr Code
XJGA72	X	5.32	-3.94	-6.52	5.39	-3.86	-6.89	TO
YZTVD3		8.38	-0.88	-1.45	8.82	-0.43	-0.77	TO
ZGR8M4		9.34	0.09	0.14	9.17	-0.08	-0.15	XX

Summary Statistics

	Sample Z91	Sample Z92
Grand Means	9.254 kJ/m^2	9.249 kJ/m^2
Stnd Dev Btwn Labs	0.604 kJ/m^2	0.559 kJ/m^2

Statistics based on 35 of 38 reporting participants

Sample Z91: HIPS & Sample Z92: HIPS

Comments on Assigned Data Flags for Test #791

8JUV92 (X) - Data for both samples are high. Possible Systematic Error.

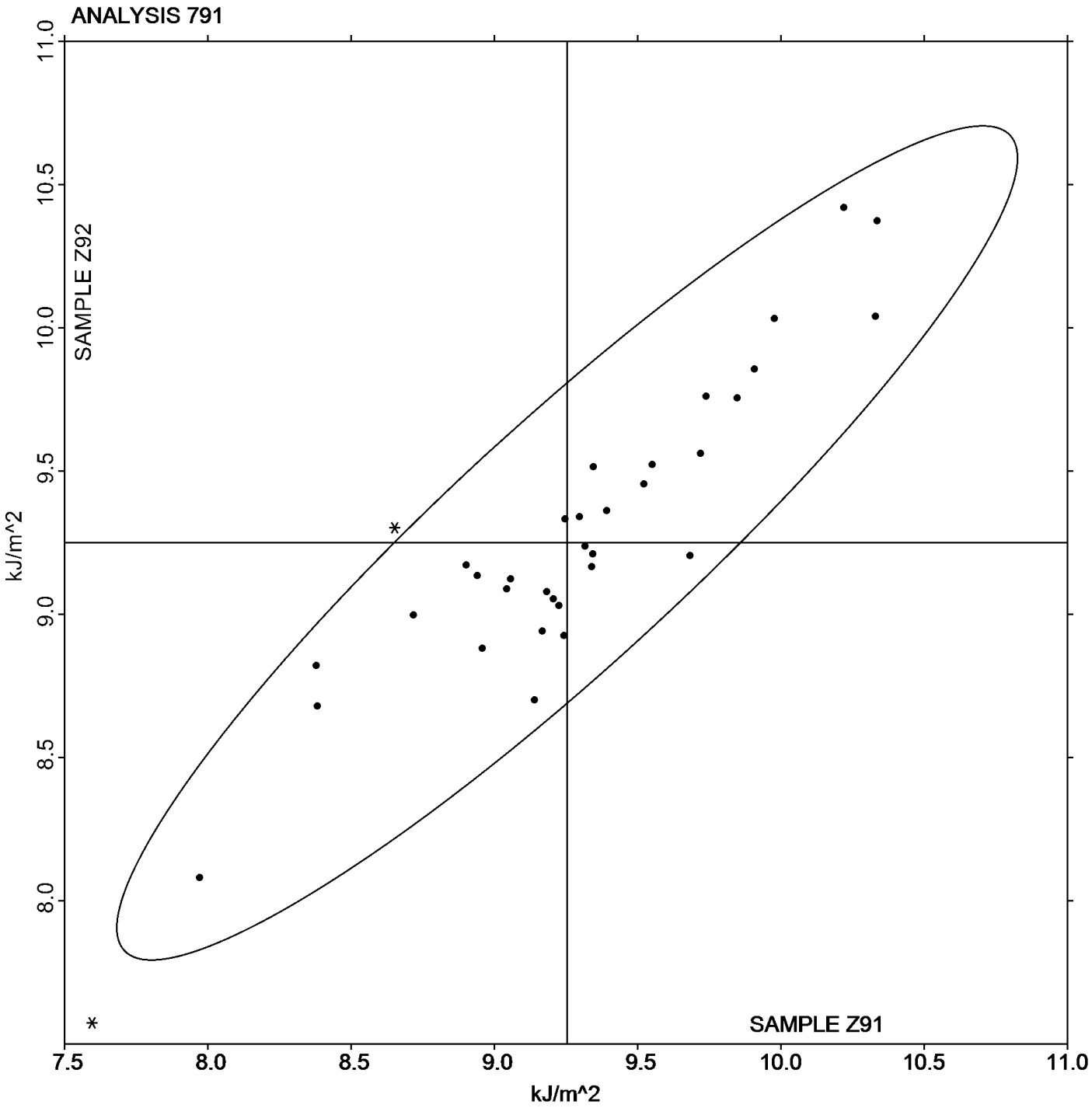
3AWRFP (X) - Data for sample Z92 are low. Inconsistent within the determinations of sample Z92.

XJGA72 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample Z92.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample Z91: 9.2540 kJ/m ^ 2 Grand Mean Sample Z92: 9.2491 kJ/m ^ 2



WebCode	Data Flag	Sample M91 Lab Mean	Sample M91 Diff from Grand Mean	Sample M91 CPV	Sample M92 Lab Mean	Sample M92 Diff from Grand Mean	Sample M92 CPV	Instr Code
3AWRFP		9.87	0.32	0.58	10.14	0.59	1.15	XX
3MRBML		8.34	-1.21	-2.21	8.83	-0.72	-1.40	XX
6AXQYU		9.55	0.01	0.01	9.45	-0.10	-0.19	WZ
7E7GXU		9.21	-0.34	-0.62	9.09	-0.45	-0.88	WZ
7FQUE7	*	10.77	1.22	2.23	10.98	1.43	2.78	WZ
7HLF3V		8.57	-0.98	-1.78	9.12	-0.43	-0.83	XX
7NKY88		9.26	-0.28	-0.52	9.31	-0.24	-0.46	CE
8WA873		9.47	-0.08	-0.15	9.92	0.37	0.72	CE
9263MG	X	19.77	10.22	18.67	16.29	6.74	13.10	XX
AHD7QD		9.52	-0.03	-0.05	9.31	-0.23	-0.46	WZ
ANJUB8		9.11	-0.44	-0.81	9.64	0.10	0.19	TO
AVH3AF		9.85	0.30	0.56	9.45	-0.10	-0.19	CE
BETEHW		10.10	0.55	1.00	10.06	0.52	1.00	TO
BVGP4Y		9.32	-0.23	-0.41	9.35	-0.20	-0.39	CE
CCWKTQ		9.64	0.09	0.16	9.34	-0.21	-0.41	TO
D3HJPW		10.32	0.78	1.42	9.81	0.27	0.52	CE
DANRCX		9.72	0.18	0.32	9.41	-0.13	-0.26	WZ
DMCTR4		9.71	0.16	0.30	9.17	-0.37	-0.73	CE
E3MPTH		9.45	-0.10	-0.17	9.49	-0.06	-0.11	WZ
E99APQ		9.15	-0.40	-0.73	9.08	-0.47	-0.91	TO
EBV4UY		10.04	0.49	0.90	10.04	0.49	0.95	IN
EU9QF8		9.78	0.23	0.42	9.58	0.03	0.06	TO
JNQ729		9.26	-0.29	-0.52	9.30	-0.25	-0.49	TY
JZJPFE		8.89	-0.66	-1.21	8.93	-0.62	-1.20	WZ
KGNAX3		9.91	0.36	0.66	9.90	0.36	0.69	WZ
KJRDYK		9.10	-0.45	-0.81	9.12	-0.42	-0.82	TO
LKG789		10.07	0.52	0.95	9.84	0.29	0.57	XX
M6K3RU		9.45	-0.10	-0.17	9.81	0.26	0.51	TO
M8LH8R		9.32	-0.23	-0.41	9.02	-0.53	-1.02	WZ
MH93JW		10.04	0.49	0.89	10.33	0.78	1.51	WZ
MZBP9A		9.40	-0.15	-0.27	9.26	-0.29	-0.56	WZ
PAKRXL		9.44	-0.10	-0.19	9.82	0.28	0.54	TO
PHF73X		9.70	0.15	0.27	9.28	-0.27	-0.52	WZ
PL4DUL		9.06	-0.49	-0.90	9.13	-0.41	-0.80	TO
QJTQXT		9.36	-0.18	-0.33	9.26	-0.28	-0.55	CE

WebCode	Data Flag	Sample M91 Lab Mean	Sample M91 Diff from Grand Mean	Sample M91 CPV	Sample M92 Lab Mean	Sample M92 Diff from Grand Mean	Sample M92 CPV	Instr Code
RKFWKX		9.28	-0.27	-0.49	9.40	-0.15	-0.28	WZ
RURKEH	X	12.25	2.70	4.94	12.25	2.71	5.25	XX
T2MZHG		10.16	0.61	1.11	9.98	0.43	0.84	CE
UJFNHV		9.12	-0.43	-0.78	8.78	-0.76	-1.48	TO
UL3CRB		9.94	0.39	0.71	9.94	0.40	0.77	WZ
UZ4Y4X		9.91	0.37	0.67	9.80	0.26	0.50	IN
VLZYME		9.45	-0.10	-0.18	9.62	0.08	0.15	WZ
VP2GTG		9.97	0.42	0.77	9.78	0.23	0.45	IN
VY7XWL		10.33	0.79	1.43	10.26	0.72	1.39	CE
WQQQDM		9.21	-0.34	-0.62	9.58	0.03	0.06	CE
WVLMZT		9.17	-0.37	-0.68	9.28	-0.27	-0.52	TO
XJGA72	*	11.23	1.68	3.07	10.98	1.44	2.79	TO
XVZBT8		8.72	-0.82	-1.50	8.61	-0.94	-1.82	TO
YZTVD3		8.79	-0.76	-1.38	8.68	-0.87	-1.69	TO
ZGR8M4		8.87	-0.68	-1.23	9.32	-0.23	-0.44	XX
ZHH2X8		9.93	0.38	0.69	10.20	0.65	1.26	WZ

Summary Statistics

	Sample M91	Sample M92
Grand Means	9.547 kJ/m^2	9.546 kJ/m^2
Stnd Dev Btwn Labs	0.548 kJ/m^2	0.515 kJ/m^2

Statistics based on 49 of 51 reporting participants

Sample M91: HIPS & Sample M92: HIPS

Comments on Assigned Data Flags for Test #792

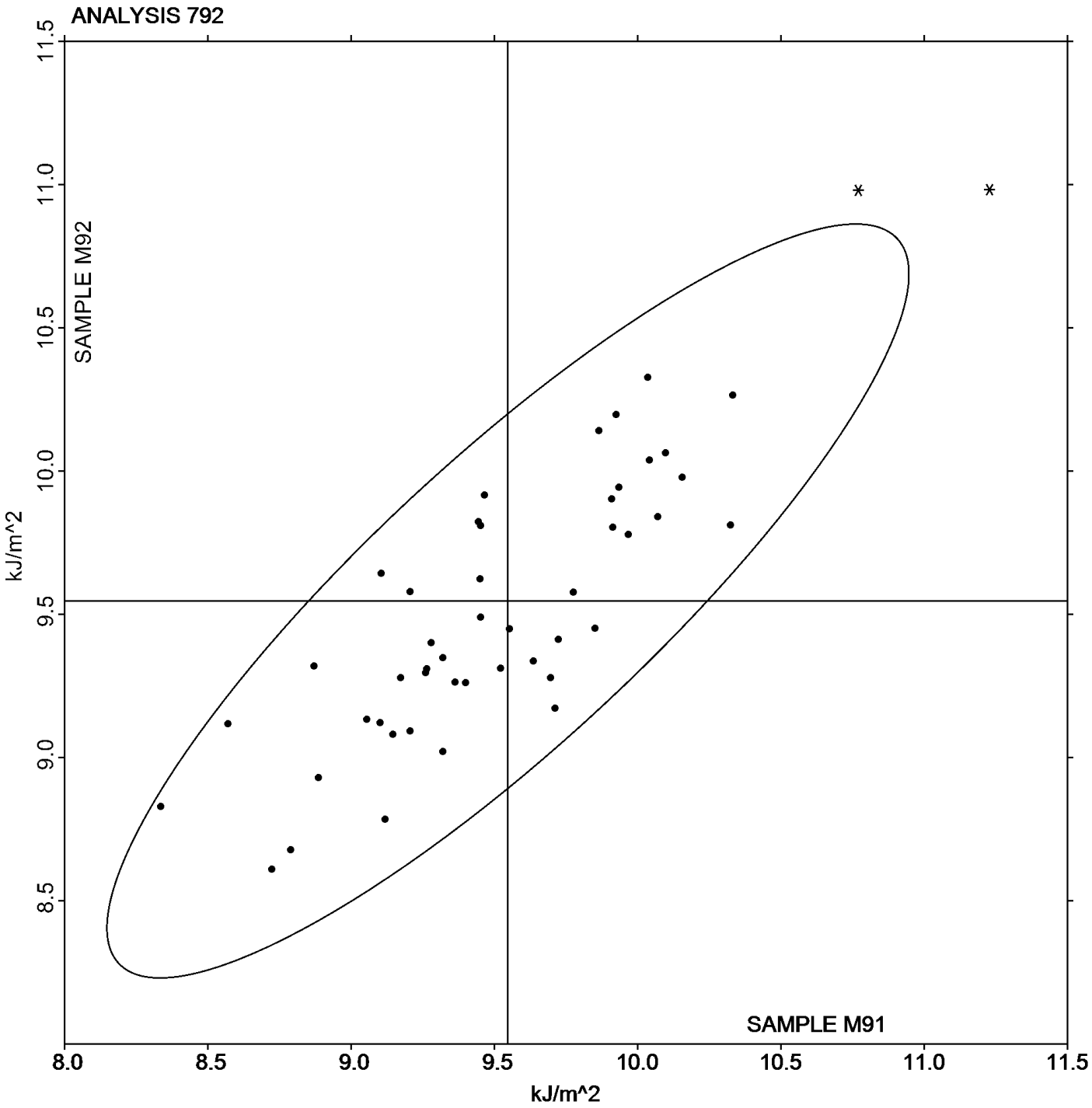
RURKEH (X) - Data for both samples are high. Possible Systematic Error.

9263MG (X) - Data for both samples are high. Inconsistent within the determinations of both samples.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample M91: 9.5473 kJ/m ^ 2 Grand Mean Sample M92: 9.5465 kJ/m ^ 2



-End of Report-