Collaborative Testing Services, Inc.

Plastics Interlaboratory Testing Program

Web Summary Report #102, 2nd Qtr 2017

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

About CTS and the Plastics Interlaboratory Program

Founded in 1971, Collaborative Testing Services, Inc. (CTS) is a privately-owned company that specializes in interlaboratory tests for a wide variety of industries, including rubber, plastics, fasteners and metals, containerboard, paper, color and wine, as well as proficiency tests for forensic laboratories. All of the tests are designed to assist organizations in achieving and maintaining quality control objectives. Labs from the U.S., as well as more than 80 countries currently participate in CTS programs.

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

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

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

For further information contact:

COLLABORATIVE TESTING SERVICES, INC.
21331 Gentry Drive
Sterling, VA 20166
Phone: (571) 434-1925
FAX: (571) 434-1937
e-mail: plastics@cts-interlab.com

Office Hours: 8:00 a.m. - 4:30 p.m. ET

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 #102, 2nd Qtr 2017

Analysis 704 - Tensile Stress at Yield				
Material: ABS	Sample F43	6,725.40	psi	1.88% COV
	Sample F44	6,706.74	psi	1.90% COV
Analysis 705 - Tensile Stress at Break				
Material: ABS	Sample F43	4,822.04	psi	4.18% COV
	Sample F44	4,824.25	psi	4.34% COV
Analysis 706 - Percent Elongation at Yield				
Material: ABS	Sample F43	2.5551	Percent	3.64% COV
	Sample F44	2.5502	Percent	4.05% COV
Analysis 708 - Modulus of Elasticity				
Material: ABS	Sample F43	345.31	ksi	4.48% COV
	Sample F44	344.74	ksi	4.39% COV
Analysis 710 - Deflection Temp. Under Flexural Load (1.82 MPa)				
Material: PC/ABS	Sample E43	108.11	Degrees C	1.43% COV
	Sample E44	107.81	Degrees C	1.33% COV
Analysis 711 - Deflection Temp. Under Flexural Load (0.455 MPa)				
Material: PP	Sample G43	84.033	Degrees C	3.79% COV
	Sample G44	69.854	Degrees C	2.55% COV
Analysis 712 - Temperature of Deflection (1.80 MPa)				
Material: ABS	Sample N43	75.563	Degrees C	1.71% COV
	Sample N44	75.462	Degrees C	1.67% COV
Analysis 715 - Vicat Temperature (Rate A)				
Material: PC/ABS	Sample H43	140.44	Degrees C	0.546% COV
	Sample H44	140.42	Degrees C	0.536% COV
Analysis 716 - Vicat Temperature (Rate B)				
Material: PC/ABS	Sample R43	142.15	Degrees C	0.647% COV
	Sample R44	142.05	Degrees C	0.629% COV
Analysis 718 - Specific Gravity				
Material: HIPS	Sample T43	1.0342	sp gr 23/23 C	0.187% COV
	Sample T44	1.0344	sp gr 23/23 C	0.186% COV
Analysis 720 - Flexural Modulus				
Material: HIPS	Sample J43	334.93	ksi	5.20% COV
	Sample J44	334.85	ksi	5.33% COV
Analysis 721 - Flexural Stress at 5% Strain				
Material: HIPS	Sample J43	6,260.39	psi	3.88% COV
	Sample J44	6,267.40	psi	4.07% COV
Analysis 722 - Flexural Stress at Yield				
Material: HIPS	Sample J43	6,275.61	psi	3.81% COV
	Sample J44	6,289.22	psi	4.08% COV
Analysis 730 - Tensile Stress at Yield, ISO Method				
Material: HIPS	Sample C43	24.333	MPa	3.05% COV
	Sample C44	24.310	MPa	3.06% COV
Analysis 731 - Tensile Stress at Break, ISO Method				
Material: HIPS	Sample C43	21.189	MPa	3.68% COV
	Sample C44	21.129	MPa	3.46% COV

Plastics Interlaboratory Testing Program

Results Summary for Report #102, 2nd Qtr 2017

Analysis 732 - Strain at Yield, ISO Method				
Material: HIPS	Sample C43	1.2529	Percent	4.26% COV
	Sample C44	1.2520	Percent	4.38% COV
Analysis 734 - Modulus of Elasticity, ISO Method				
Material: HIPS	Sample C43	2,227.22	MPa	3.84% COV
	Sample C44	2,236.00	MPa	4.18% COV
Analysis 736 - Flexural Modulus				
Material: HIPS	Sample K43	2,243.08	MPa	4.92% COV
	Sample K44	1,850.95	MPa	4.68% COV
Analysis 737 - Flexural Stress at 3.5% Strain				
Material: HIPS	Sample K43	40.935	MPa	4.35% COV
	Sample K44	33.968	MPa	4.17% COV
Analysis 738 - Flexural Stress at Yield				
Material: HIPS	Sample K43	41.309	MPa	3.66% COV
	Sample K44	33.811	MPa	3.35% COV
Analysis 750 - Flow Rate (190C or 230C/2.16 kg)				
Material: PP	Sample X43	14.931	grams/10 mins	6.60% COV
	Sample X44	15.069	grams/10 mins	6.17% COV
Analysis 755 - Moisture Content				
Material: HIPS	Sample Y43	0.02395	Percent	44.2% COV
	Sample Y44	0.02687	Percent	39.2% COV
Analysis 757 - Ash Content				
Material: PBT	Sample L43	14.897	Percent	1.05% COV
	Sample L44	14.925	Percent	0.984% COV
Analysis 760 - DSC				
Material: PBT	Sample W43	197.28	Degrees Celsius	2.22% COV
	Sample W44	177.28	Degrees Celsius	4.84% COV
Analysis 761 - DSC				
Material: PBT	Sample W43	221.35	Degrees Celsius	0.797% COV
	Sample W44	224.47	Degrees Celsius	0.625% COV
Analysis 762 - DSC				
Material: PBT	Sample W43	22.698	Joules Per Gram	8.43% COV
	Sample W44	46.802	Joules Per Gram	9.93% COV
Analysis 763 - DSC				
Material: PBT	Sample W43	24.494	Joules Per Gram	11.2% COV
	Sample W44	42.062	Joules Per Gram	15.2% COV
Analysis 764 - DSC				
Material: ABS	Sample V43	107.07	Degrees Celsius	1.47% COV
	Sample V44	107.28	Degrees Celsius	1.61% COV
Analysis 770 - Tensile Stress at Yield, Films				
Material: LDPE	Sample B43	2,239.07	psi	28.2% COV
	Sample B44	2,248.47	psi	29.9% COV
Analysis 771 - Tensile Stress at Break, Films				
Material: LDPE	Sample B43	3,428.38	psi	12.8% COV
	Sample B44	3,516.75	psi	13.2% COV

Plastics Interlaboratory Testing Program

Results Summary for Report #102, 2nd Qtr 2017

Analysis 772 - Elongation at Yield, Films				
Material: LDPE	Sample B43	178.26	Percent	133% COV
	Sample B44	190.17	Percent	133% COV
Analysis 773 - Elongation at Break, Films				
Material: LDPE	Sample B43	622.75	Percent	20.6% COV
	Sample B44	675.26	Percent	21.4% COV
Analysis 774 - Thickness of Film Specimens				
Material: LDPE	Sample B43	2.9778	mils	3.81% COV
	Sample B44	3.0812	mils	2.86% COV
Analysis 775 - Secant Modulus at 1% Strain				
Material: LDPE	Sample B43	29,753.10	psi	21.9% COV
	Sample B44	30,074.16	psi	24.0% COV
Analysis 776 - Secant Modulus at 2% Strain				
Material: LDPE	Sample B43	26,307.73	psi	9.35% COV
	Sample B44	26,452.22	psi	9.94% COV
Analysis 780 - Static Friction				
Material: LDPE	Sample P43	0.18893	COF	44.6% COV
	Sample P44	0.17918	COF	41.0% COV
Analysis 781 - Kinetic Friction				
Material: LDPE	Sample P43	0.11839	COF	53.3% COV
	Sample P44	0.11051	COF	48.5% COV
Analysis 782 - Tear Resistance of Film				
Material: LDPE	Sample Q43	138.50	grams-force	11.7% COV
	Sample Q44	133.42	grams-force	20.3% COV
Analysis 785 - Percent Haze				
Material: LDPE	Sample D43	27.034	Percent	9.26% COV
	Sample D44	32.819	Percent	9.42% COV
Analysis 786 - Total Transmittance				
Material: LDPE	Sample D43	91.854	Percent	1.83% COV
	Sample D44	91.764	Percent	1.85% COV
Analysis 790 - Notched Izod Impact				
Material: HIPS	Sample S43	1.7044	ft.lbf/in	6.58% COV
	Sample S44	2.8729	ft.lbf/in	9.38% COV
Analysis 791 - Notched Izod Impact				
Material: ABS	Sample Z43	18.915	kJ/m^2	3.63% COV
	Sample Z44	18.862	kJ/m^2	3.65% COV
Analysis 792 - Notched Charpy Impact				
Material: ABS	Sample M43	19.816	kJ/m^2	3.99% COV
	Sample M44	19.831	kJ/m^2	3.98% COV

WebCode	Data Flag	Sample F43 Lab Mean	Sample F43 Diff from Grand Mean	Sample F43 CPV	Sample F44 Lab Mean	Sample F44 Diff from Grand Mean	Sample F44 CPV
2K3RPL		6,832.2	106.8	0.84	6,758.6	51.8	0.41
388XU4		6,790.7	65.3	0.52	6,817.7	111.0	0.87
38LGEZ		6,653.9	-71.5	-0.56	6,653.5	-53.2	-0.42
39JUZ8		6,578.3	-147.1	-1.16	6,574.5	-132.2	-1.04
3BRRMX		6,534.8	-190.6	-1.50	6,488.2	-218.5	-1.71
4KUM6T		6,596.0	-129.4	-1.02	6,662.4	-44.3	-0.35
4MJVC9		6,790.2	64.8	0.51	6,798.8	92.1	0.72
6MB7PM	X	5,628.0	-1,097.4	-8.66	5,610.0	-1,096.7	-8.59
736X7H		6,547.8	-177.6	-1.40	6,573.4	-133.3	-1.04
7A78EV		6,801.2	75.8	0.60	6,669.5	-37.3	-0.29
7M84DN		6,570.0	-155.4	-1.23	6,588.0	-118.7	-0.93
7Q7KMW	*	6,848.7	123.3	0.97	6,673.5	-33.2	-0.26
7R3X94		6,737.2	11.8	0.09	6,698.0	-8.7	-0.07
7XPMTE		6,724.6	-0.8	-0.01	6,714.8	8.1	0.06
8MMK8G	X	7,361.2	635.8	5.02	7,294.0	587.2	4.60
93FN3R	*	6,685.4	-40.0	-0.32	6,534.0	-172.8	-1.35
9H8GUK		6,587.7	-137.7	-1.09	6,645.7	-61.0	-0.48
9PQLKY		7,006.3	280.9	2.22	6,962.3	255.6	2.00
9VWCBK		6,609.8	-115.6	-0.91	6,664.4	-42.3	-0.33
9W8FHG		6,588.8	-136.6	-1.08	6,597.0	-109.7	-0.86
9Z7M6Y		6,659.4	-66.0	-0.52	6,579.2	-127.5	-1.00
AZ68CY		6,789.0	63.6	0.50	6,753.6	46.9	0.37
BE69PZ	X	6,451.3	-274.1	-2.16	6,697.9	-8.8	-0.07
BGA44W		6,901.0	175.6	1.39	6,889.0	182.3	1.43
BKR4LX		6,775.6	50.2	0.40	6,743.2	36.4	0.29
BVAKCJ		6,779.4	54.0	0.43	6,814.8	108.1	0.85
D2MCET		6,643.7	-81.7	-0.65	6,642.5	-64.2	-0.50
DQ7RRC		6,814.8	89.4	0.71	6,779.2	72.5	0.57
E4QRZP		6,827.3	101.9	0.80	6,843.2	136.5	1.07
E8P4XB		6,640.0	-85.4	-0.67	6,575.2	-131.5	-1.03
EB9ZNL		6,758.3	32.9	0.26	6,781.9	75.2	0.59
EGDYWQ		6,803.4	78.0	0.62	6,775.1	68.3	0.54
FB4XD9		6,718.2	-7.2	-0.06	6,727.2	20.5	0.16
FLP6BC		6,898.9	173.6	1.37	6,913.9	207.1	1.62
J8ENYR		6,912.6	187.2	1.48	6,945.4	238.7	1.87

WebCode	Data Flag	Sample F43 Lab Mean	Sample F43 Diff from Grand Mean	Sample F43 CPV	Sample F44 Lab Mean	Sample F44 Diff from Grand Mean	Sample F44 CPV
JA2CCC		6,767.0	41.6	0.33	6,789.0	82.3	0.64
JCPLKT		6,837.8	112.4	0.89	6,836.8	130.1	1.02
JHUKZN		6,797.0	71.6	0.57	6,759.0	52.3	0.41
KHBZL6		6,604.0	-121.4	-0.96	6,550.8	-155.9	-1.22
KYDXMF		6,559.6	-165.8	-1.31	6,570.0	-136.7	-1.07
KZT2G8		6,863.2	137.9	1.09	6,895.2	188.4	1.48
LRT2JQ		6,719.9	-5.4	-0.04	6,630.9	-75.8	-0.59
LVAHXN		6,480.0	-245.4	-1.94	6,498.0	-208.7	-1.64
MGRV3W		6,800.6	75.2	0.59	6,790.6	83.9	0.66
NEFDLD		6,802.0	76.6	0.60	6,798.0	91.3	0.72
NMMH82		6,784.9	59.5	0.47	6,762.3	55.6	0.44
PG3EZY		6,590.6	-134.8	-1.06	6,538.4	-168.4	-1.32
PTAKWJ	*	6,422.4	-303.0	-2.39	6,385.2	-321.5	-2.52
PX4GG4		6,671.8	-53.6	-0.42	6,671.8	-34.9	-0.27
QQZYFW		6,642.0	-83.4	-0.66	6,661.4	-45.3	-0.36
R3DCHJ		6,831.6	106.2	0.84	6,867.8	161.1	1.26
RUFVE8		6,707.7	-17.7	-0.14	6,650.3	-56.4	-0.44
RZ4FK9	X	10.2	-6,715.2	-53.01	10.0	-6,696.8	-52.48
T3PKR6	X	6,258.0	-467.4	-3.69	6,228.0	-478.7	-3.75
TBYWXF		6,958.1	232.7	1.84	6,914.8	208.1	1.63
TN8MTW	*	6,779.0	53.6	0.42	6,597.4	-109.3	-0.86
TQD8GW		6,626.0	-99.4	-0.78	6,622.0	-84.7	-0.66
UDMMUE		6,770.0	44.6	0.35	6,794.0	87.3	0.68
UFQFNC		6,758.0	32.6	0.26	6,674.0	-32.7	-0.26
UXU42X	*	6,444.4	-281.0	-2.22	6,517.1	-189.7	-1.49
UZJALU		6,764.4	39.0	0.31	6,754.6	47.9	0.38
W2PEA3		6,527.6	-197.8	-1.56	6,447.0	-259.7	-2.04
WFJYTB		6,673.2	-52.2	-0.41	6,623.1	-83.7	-0.66
WMFXYQ		6,841.2	115.8	0.91	6,746.4	39.7	0.31
X6YA6P		6,607.4	-118.0	-0.93	6,612.4	-94.3	-0.74
XFFX2A		6,649.8	-75.6	-0.60	6,678.6	-28.1	-0.22
XQYBHT		6,850.2	124.8	0.99	6,865.6	158.8	1.24
XUVYUU		6,873.7	148.3	1.17	6,892.5	185.8	1.46
Y9BG7U		6,856.8	131.4	1.04	6,827.6	120.9	0.95
YA3LE8		6,871.3	145.9	1.15	6,858.9	152.1	1.19

WebCode	Data Flag	Sample F43 Lab Mean	Sample F43 Diff from Grand Mean	Sample F43 CPV	Sample F44 Lab Mean	Sample F44 Diff from Grand Mean	Sample F44 CPV
YP3E8P		6,653.5	-71.9	-0.57	6,703.7	-3.0	-0.02
YZ7AQU		6,820.0	94.6	0.75	6,729.4	22.7	0.18
Z69Z76		6,843.9	118.5	0.94	6,795.7	89.0	0.70
Z9PC22		6,596.4	-129.0	-1.02	6,617.0	-89.8	-0.70
ZGGPZZ	X	6,326.4	-399.0	-3.15	6,238.4	-468.3	-3.67

Summary Statistics

	Sample F43	Sample F44
Grand Means	6,725.40 psi	6,706.74 psi
Stnd Dev Btwn Labs	126.67 psi	127.61 psi

Statistics based on 69 of 75 reporting participants

Sample F43: ABS & Sample F44: ABS

Comments on Assigned Data Flags for Test #704

BE69PZ (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F44.

6MB7PM (X) - Data for both samples are low. Possible Systematic Error.

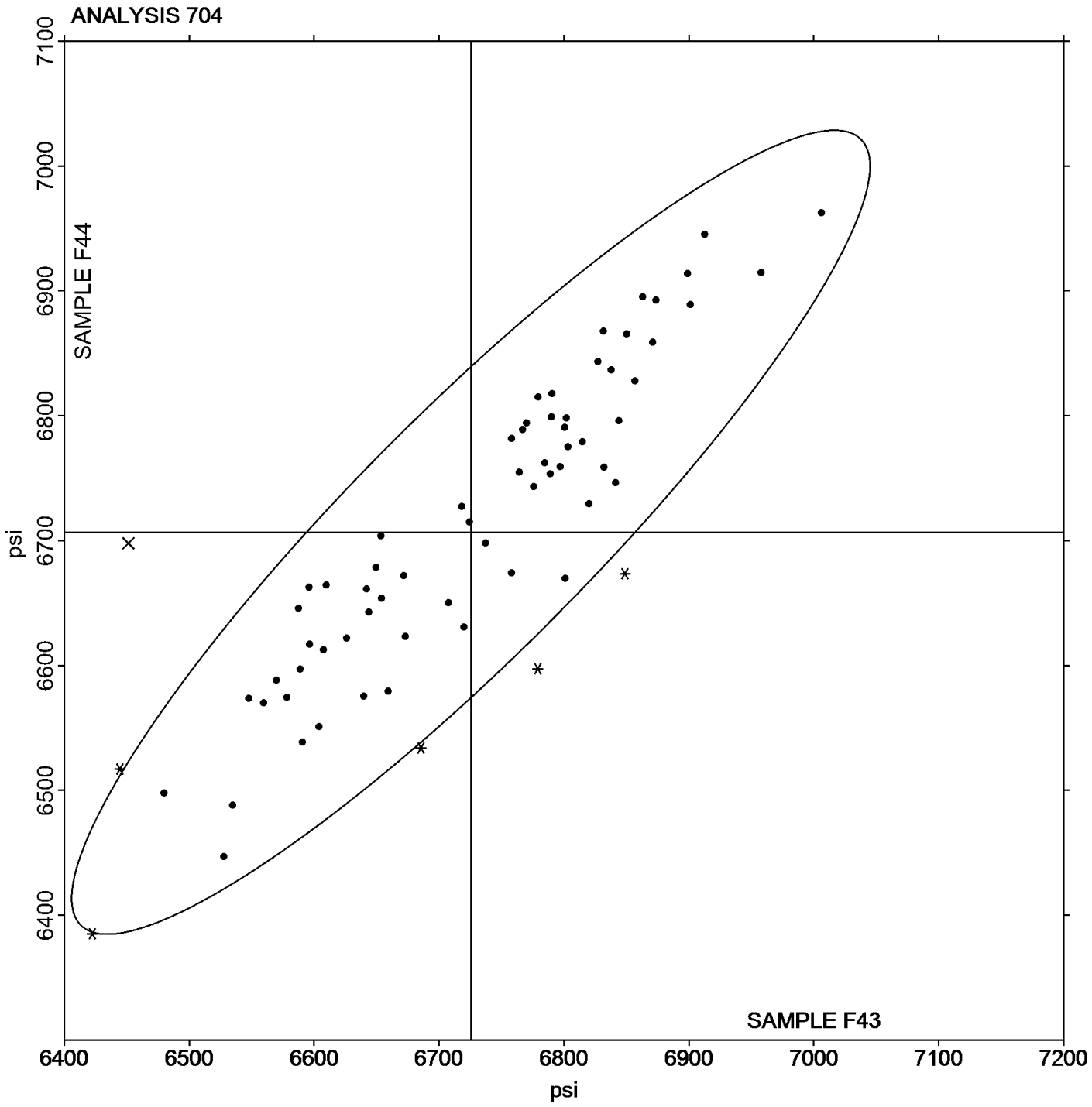
8MMK8G (X) - Data for both samples are high. Possible Systematic Error.

RZ4FK9 (X) - Extreme data.

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

T3PKR6 (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample F43: 6,725.40 psi Grand Mean Sample F44: 6,706.74 psi



WebCode	Data Flag	Sample F43 Lab Mean	Sample F43 Diff from Grand Mean	Sample F43 CPV	Sample F44 Lab Mean	Sample F44 Diff from Grand Mean	Sample F44 CPV
38LGEZ		4,986.1	164.1	0.81	4,945.9	121.6	0.58
39JUZ8		4,842.6	20.6	0.10	4,875.7	51.5	0.25
3BRRMX		4,688.8	-133.2	-0.66	4,646.2	-178.0	-0.85
4KUM6T		4,711.0	-111.0	-0.55	4,914.8	90.6	0.43
4MJVC9		4,959.4	137.4	0.68	4,686.0	-138.2	-0.66
6MB7PM		5,012.0	190.0	0.94	4,894.0	69.8	0.33
736X7H	*	4,646.3	-175.7	-0.87	5,036.8	212.6	1.01
7A78EV	X	5,085.1	263.0	1.30	4,566.1	-258.1	-1.23
7M84DN		5,010.0	188.0	0.93	5,164.0	339.8	1.62
7Q7KMW	X	6,187.9	1,365.9	6.77	5,835.2	1,011.0	4.82
7R3X94		4,681.4	-140.6	-0.70	4,689.6	-134.6	-0.64
7XPMTE		4,552.8	-269.2	-1.34	4,592.0	-232.2	-1.11
8MMK8G		5,139.6	317.5	1.57	5,153.5	329.3	1.57
93FN3R		4,712.6	-109.4	-0.54	4,799.7	-24.5	-0.12
9H8GUK		4,528.1	-293.9	-1.46	4,667.4	-156.9	-0.75
9PQLKY		4,733.7	-88.3	-0.44	4,802.4	-21.9	-0.10
9W8FHG		4,937.0	115.0	0.57	4,981.6	157.4	0.75
AZ68CY		4,884.0	62.0	0.31	4,831.8	7.6	0.04
BE69PZ		4,850.1	28.1	0.14	4,899.4	75.2	0.36
BGA44W		4,462.4	-359.6	-1.78	4,565.4	-258.8	-1.24
BVAKCJ		4,798.0	-24.0	-0.12	4,844.0	19.8	0.09
D2MCET		4,707.1	-114.9	-0.57	4,620.4	-203.9	-0.97
DQ7RRC		4,947.2	125.2	0.62	4,999.0	174.8	0.83
E4QRZP		4,639.2	-182.8	-0.91	4,596.0	-228.3	-1.09
EB9ZNL	X	5,514.2	692.2	3.43	5,685.1	860.9	4.11
EGDYWQ		4,887.6	65.6	0.33	4,907.1	82.8	0.40
FB4XD9		4,713.6	-108.4	-0.54	4,755.0	-69.2	-0.33
HQ9778	X	6,101.6	1,279.6	6.35	6,117.4	1,293.2	6.17
J8ENYR		5,118.4	296.4	1.47	5,117.8	293.6	1.40
JA2CCC		4,687.8	-134.2	-0.67	4,959.0	134.8	0.64
JCPLKT		5,280.4	458.4	2.27	5,333.6	509.4	2.43
JHUKZN		4,760.0	-62.0	-0.31	4,680.0	-144.2	-0.69
KHBZL6		4,766.2	-55.8	-0.28	4,669.8	-154.4	-0.74
KYDXMF		5,123.0	301.0	1.49	5,122.4	298.2	1.42
KZT2G8		4,879.1	57.1	0.28	5,041.6	217.3	1.04

WebCode	Data Flag	Sample F43 Lab Mean	Sample F43 Diff from Grand Mean	Sample F43 CPV	Sample F44 Lab Mean	Sample F44 Diff from Grand Mean	Sample F44 CPV
LRT2JQ		5,019.8	197.8	0.98	5,069.1	244.9	1.17
MGRV3W		4,684.6	-137.4	-0.68	4,730.8	-93.4	-0.45
NMMH82		4,716.2	-105.9	-0.53	4,706.5	-117.8	-0.56
PG3EZY		4,783.4	-38.7	-0.19	4,812.4	-11.9	-0.06
PTAKWJ	X	6,469.2	1,647.2	8.17	6,439.2	1,615.0	7.71
PX4GG4		4,960.3	138.3	0.69	5,163.4	339.1	1.62
QQZYFW		4,575.8	-246.2	-1.22	4,416.6	-407.6	-1.95
R3DCHJ		4,575.2	-246.8	-1.22	4,561.0	-263.2	-1.26
RUFVE8		4,592.2	-229.8	-1.14	4,406.5	-417.7	-1.99
RZ4FK9	X	10.2	-4,811.9	-23.86	10.0	-4,814.3	-22.97
T3PKR6	X	6,240.0	1,418.0	7.03	6,200.0	1,375.8	6.56
TBYWXF		5,298.9	476.9	2.36	5,113.7	289.5	1.38
TN8MTW	*	4,732.0	-90.0	-0.45	4,425.8	-398.4	-1.90
TQD8GW		4,804.0	-18.0	-0.09	4,822.0	-2.2	-0.01
UDMMUE		5,194.0	372.0	1.84	5,010.0	185.8	0.89
UFQFNC		5,001.4	179.4	0.89	4,914.8	90.6	0.43
UXU42X		4,541.2	-280.8	-1.39	4,607.6	-216.6	-1.03
UZJALU		4,682.8	-139.2	-0.69	4,793.4	-30.8	-0.15
WFJYTB		4,635.4	-186.6	-0.93	4,635.4	-188.8	-0.90
WMFXYQ		4,970.6	148.6	0.74	4,919.4	95.2	0.45
X6YA6P		5,129.8	307.8	1.53	4,954.0	129.8	0.62
XFFX2A		4,691.2	-130.8	-0.65	4,839.2	15.0	0.07
XQYBHT		4,613.7	-208.3	-1.03	4,670.0	-154.3	-0.74
XUVYUU		4,819.1	-3.0	-0.01	4,657.5	-166.8	-0.80
XZ48F6	X	6,859.9	2,037.9	10.11	6,807.4	1,983.1	9.46
Y9BG7U		4,813.2	-8.8	-0.04	4,716.4	-107.8	-0.51
YA3LE8		4,675.0	-147.0	-0.73	4,731.0	-93.3	-0.45
YP3E8P		4,793.8	-28.2	-0.14	4,955.7	131.4	0.63
Z69Z76		5,110.1	288.1	1.43	5,033.5	209.3	1.00
Z9PC22		4,574.8	-247.2	-1.23	4,455.0	-369.2	-1.76
ZGGPZZ		5,044.0	222.0	1.10	4,893.8	69.6	0.33

Summary Statistics	Sample F43	Sample F44
Grand Means	4,822.04 psi	4,824.25 psi
Stnd Dev Btwn Labs	201.64 psi	209.56 psi
		Statistics based on 58 of 66 reporting participants

Sample F43: ABS & Sample F44: ABS

Comments on Assigned Data Flags for Test #705

HQ9778 (X) - Data for both samples are high. Possible Systematic Error.

7Q7KMW (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

7A78EV (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample F43.

EB9ZNL (X) - Data for both samples are high. Possible Systematic Error.

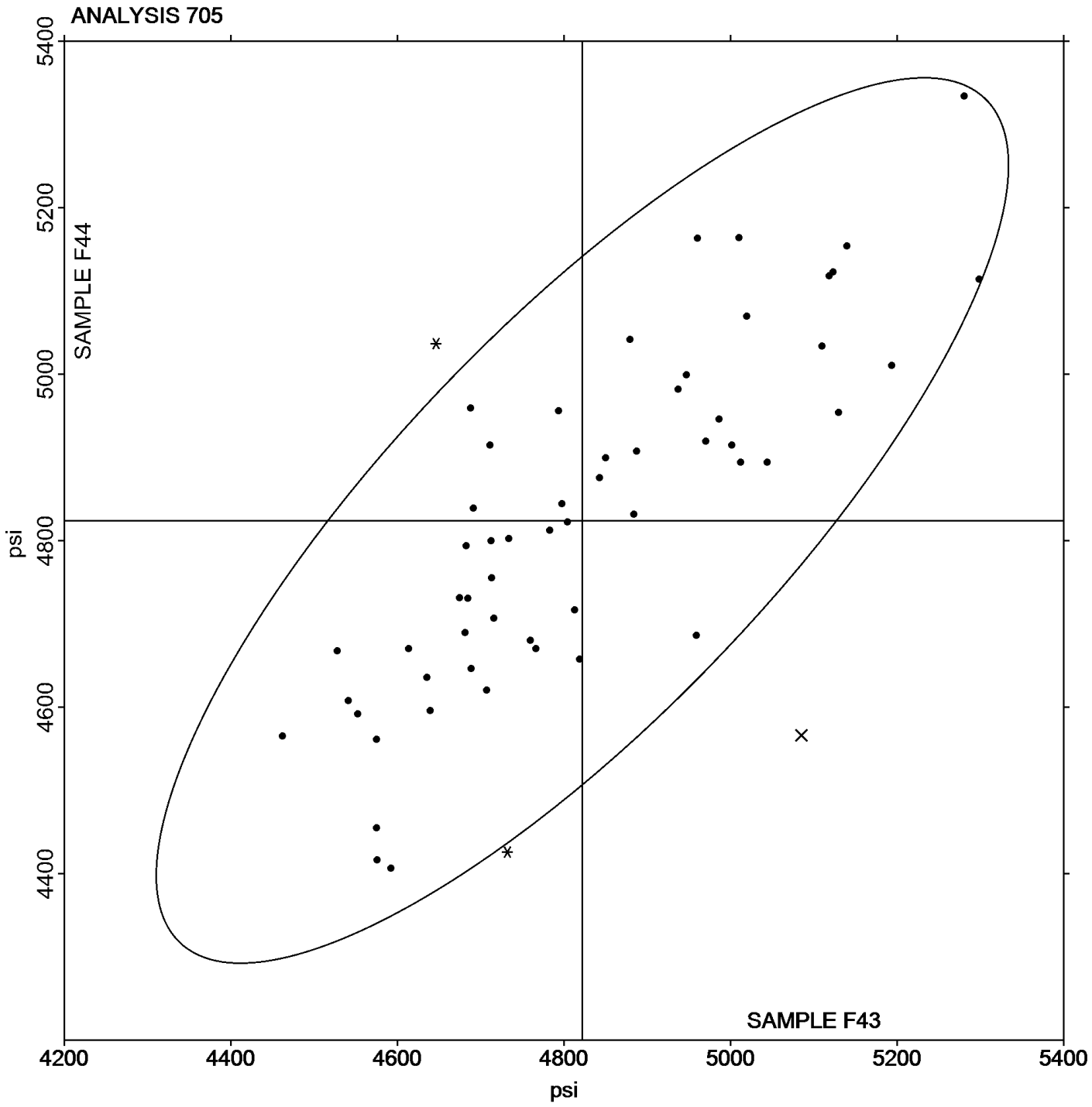
PTAKWJ (X) - Data for both samples are high. Possible Systematic Error.

RZ4FK9 (X) - Extreme data.

T3PKR6 (X) - Data for both samples are high. Possible Systematic Error.

XZ48F6 (X) - Extreme data.

Grand Mean Sample F43: 4,822.04 psi Grand Mean Sample F44: 4,824.25 psi



WebCode	Data Flag	Sample F43 Lab Mean	Sample F43 Diff from Grand Mean	Sample F43 CPV	Sample F44 Lab Mean	Sample F44 Diff from Grand Mean	Sample F44 CPV
388XU4		2.628	0.073	0.78	2.628	0.078	0.75
38LGEZ	*	2.412	-0.144	-1.54	2.320	-0.230	-2.23
39JUZ8		2.400	-0.155	-1.66	2.374	-0.176	-1.70
3BRRMX	*	2.271	-0.285	-3.06	2.228	-0.323	-3.12
4KUM6T		2.638	0.083	0.89	2.652	0.102	0.99
4MJVC9		2.644	0.089	0.96	2.650	0.100	0.97
6MB7PM	X	1.754	-0.801	-8.62	1.750	-0.800	-7.74
736X7H		2.440	-0.115	-1.24	2.424	-0.126	-1.22
7A78EV	*	2.750	0.195	2.10	2.670	0.120	1.16
7M84DN		2.590	0.035	0.38	2.590	0.040	0.39
7Q7KMW		2.544	-0.011	-0.12	2.486	-0.064	-0.62
7R3X94		2.566	0.011	0.12	2.602	0.052	0.50
7XPMTE		2.528	-0.027	-0.29	2.538	-0.012	-0.12
93FN3R		2.644	0.089	0.96	2.708	0.158	1.53
9H8GUK	*	2.420	-0.135	-1.45	2.500	-0.050	-0.49
9PQLKY		2.348	-0.208	-2.23	2.365	-0.186	-1.80
9VWCBK		2.496	-0.059	-0.64	2.484	-0.066	-0.64
9W8FHG		2.644	0.089	0.96	2.700	0.150	1.45
BE69PZ	X	1.734	-0.821	-8.83	2.320	-0.230	-2.23
BGA44W		2.572	0.017	0.18	2.564	0.014	0.13
BVAKCJ		2.508	-0.047	-0.51	2.566	0.016	0.15
E4QRZP		2.640	0.085	0.91	2.630	0.080	0.77
E8P4XB		2.566	0.011	0.12	2.562	0.012	0.11
EB9ZNL		2.696	0.141	1.52	2.700	0.150	1.45
EGDYWQ		2.499	-0.057	-0.61	2.433	-0.118	-1.14
FB4XD9		2.602	0.047	0.50	2.620	0.070	0.68
HQ9778		2.354	-0.201	-2.16	2.372	-0.178	-1.72
J8ENYR		2.606	0.051	0.55	2.646	0.096	0.93
JA2CCC		2.528	-0.027	-0.29	2.480	-0.070	-0.68
JCPLKT		2.630	0.075	0.81	2.632	0.082	0.79
JHUKZN		2.560	0.005	0.05	2.520	-0.030	-0.29
KHBZL6		2.574	0.019	0.20	2.558	0.008	0.08
KYDXMF		2.500	-0.055	-0.59	2.520	-0.030	-0.29
KZT2G8		2.530	-0.025	-0.27	2.512	-0.038	-0.37
LRT2JQ		2.636	0.081	0.87	2.646	0.096	0.93

WebCode	Data Flag	Sample F43 Lab Mean	Sample F43 Diff from Grand Mean	Sample F43 CPV	Sample F44 Lab Mean	Sample F44 Diff from Grand Mean	Sample F44 CPV
MGRV3W		2.622	0.067	0.72	2.614	0.064	0.62
NMMH82	X	3.000	0.445	4.79	3.000	0.450	4.35
PG3EZY		2.502	-0.053	-0.57	2.486	-0.064	-0.62
PTAKWJ		2.588	0.033	0.35	2.518	-0.032	-0.31
PX4GG4		2.526	-0.029	-0.31	2.504	-0.046	-0.45
QQZYFW	X	6.016	3.461	37.23	6.048	3.498	33.84
R3DCHJ		2.620	0.065	0.70	2.638	0.088	0.85
RUFVE8	X	7.380	4.825	51.90	7.300	4.750	45.95
RZ4FK9	X	0.032	-2.523	-27.14	0.008	-2.542	-24.59
T3PKR6	X	2.148	-0.407	-4.38	1.932	-0.618	-5.98
TN8MTW		2.480	-0.075	-0.81	2.460	-0.090	-0.87
TQD8GW		2.488	-0.067	-0.72	2.482	-0.068	-0.66
UDMMUE	X	0.089	-2.466	-26.53	0.075	-2.476	-23.95
UFQFNC		2.558	0.003	0.03	2.496	-0.054	-0.52
UXU42X		2.588	0.033	0.35	2.668	0.118	1.14
UZJALU		2.666	0.111	1.19	2.660	0.110	1.06
W2PEA3		2.648	0.093	1.00	2.666	0.116	1.12
WFJYTB		2.496	-0.059	-0.64	2.512	-0.038	-0.37
WMFXYQ		2.596	0.041	0.44	2.596	0.046	0.44
X6YA6P		2.554	-0.001	-0.01	2.584	0.034	0.33
XFFX2A		2.500	-0.055	-0.59	2.540	-0.010	-0.10
XQYBHT		2.650	0.095	1.02	2.656	0.106	1.02
XUVYUU		2.618	0.063	0.68	2.628	0.078	0.75
Y9BG7U		2.620	0.065	0.70	2.590	0.040	0.39
YZ7AQU		2.596	0.041	0.44	2.522	-0.028	-0.27
Z69Z76		2.622	0.067	0.72	2.570	0.020	0.19
Z9PC22		2.476	-0.079	-0.85	2.440	-0.110	-1.07
ZGGPZZ	X	1.560	-0.995	-10.70	1.380	-1.170	-11.32

Summary Statistics

	Sample F43	Sample F44
Grand Means	2.5551 Percent	2.5502 Percent
Stnd Dev Btwn Labs	0.0930 Percent	0.1034 Percent

Statistics based on 54 of 63 reporting participants

Sample F43: ABS & Sample F44: ABS

Comments on Assigned Data Flags for Test #706

BE69PZ (X) - Data for sample F43 are low. Inconsistent within the determinations of sample F44.

6MB7PM (X) - Data for both samples are low. Possible Systematic Error.

QQZYFW (X) - Extreme data.

NMMH82 (X) - Data for both samples are high. Possible Systematic Error.

UDMMUE (X) - Extreme data.

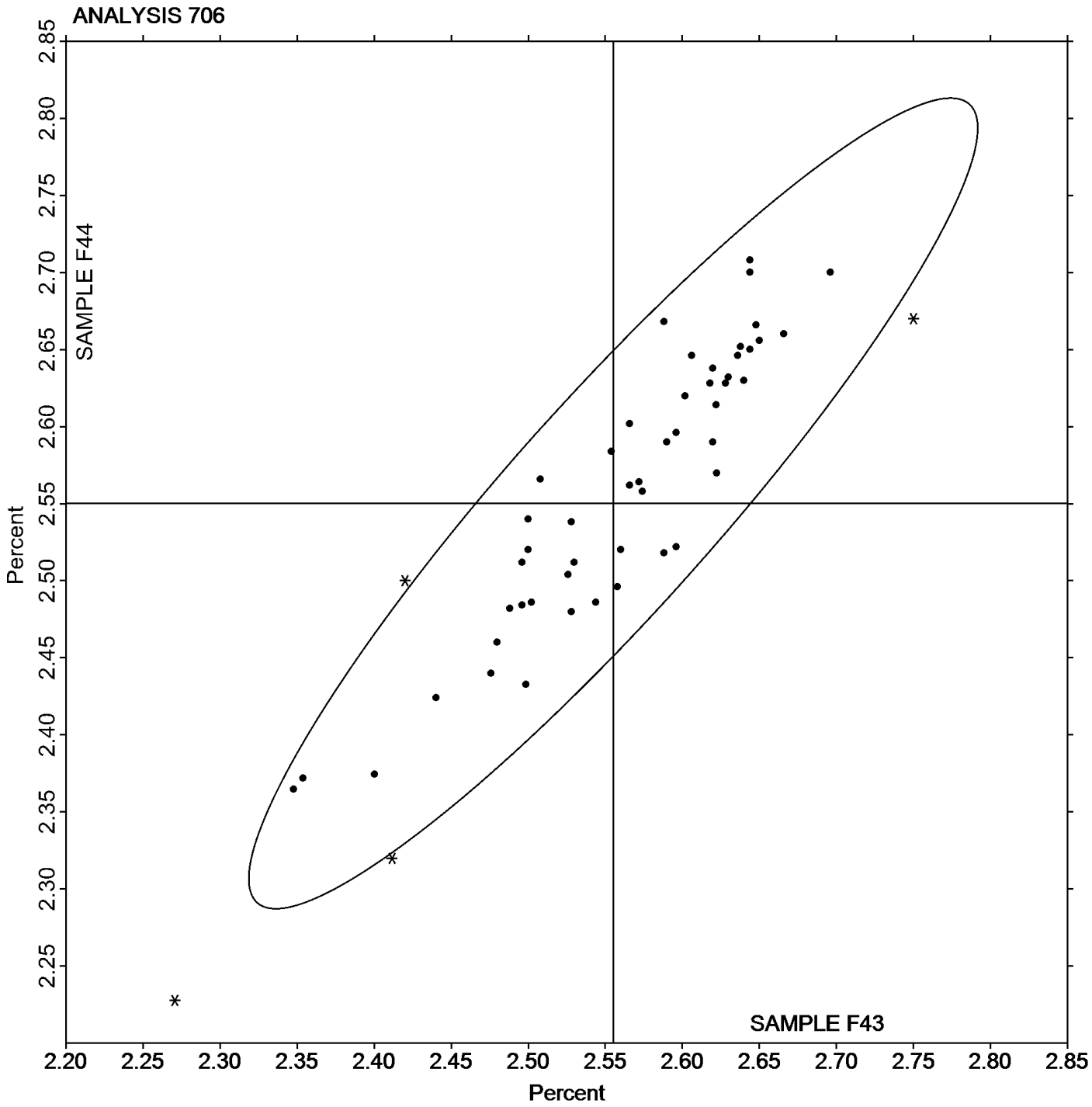
RZ4FK9 (X) - Extreme data.

ZGGPZZ (X) - High data for all samples. Also inconsistent in testing within both samples.

T3PKR6 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample F44.

RUFVE8 (X) - Extreme data.

Grand Mean Sample F43: 2.5551 Percent Grand Mean Sample F44: 2.5502 Percent



WebCode	Data Flag	Sample F43 Lab Mean	Sample F43 Diff from Grand Mean	Sample F43 CPV	Sample F44 Lab Mean	Sample F44 Diff from Grand Mean	Sample F44 CPV
38LGEZ	*	374.86	29.55	1.91	357.69	12.95	0.85
39JUZ8		320.86	-24.45	-1.58	323.30	-21.44	-1.42
3BRRMX		370.20	24.89	1.61	364.40	19.66	1.30
4KUM6T		338.20	-7.11	-0.46	344.14	-0.60	-0.04
4MJVC9		325.80	-19.52	-1.26	329.57	-15.17	-1.00
6MB7PM		353.20	7.89	0.51	354.60	9.86	0.65
736X7H		337.19	-8.12	-0.53	353.70	8.96	0.59
7A78EV		338.81	-6.50	-0.42	326.48	-18.26	-1.21
7M84DN		329.60	-15.71	-1.02	325.60	-19.14	-1.26
7Q7KMW		346.38	1.07	0.07	345.83	1.09	0.07
7R3X94		335.76	-9.55	-0.62	330.20	-14.54	-0.96
7XPMTE		330.88	-14.43	-0.93	331.94	-12.80	-0.84
93FN3R	X	324.52	-20.80	-1.35	267.07	-77.67	-5.13
9H8GUK		320.01	-25.30	-1.64	320.33	-24.41	-1.61
9PQLKY		357.29	11.98	0.77	352.16	7.42	0.49
9VWCBK	*	340.20	-5.11	-0.33	358.24	13.50	0.89
9W8FHG	X	280.30	-65.01	-4.20	281.61	-63.13	-4.17
9Z7M6Y		351.06	5.74	0.37	348.60	3.86	0.25
BE69PZ	X	515.47	170.15	11.00	526.78	182.04	12.02
BGA44W		359.32	14.01	0.91	362.38	17.64	1.16
BVAKCJ		349.11	3.79	0.25	348.62	3.88	0.26
E4QRZP		329.53	-15.79	-1.02	332.08	-12.66	-0.84
E8P4XB		350.18	4.87	0.31	348.96	4.22	0.28
EB9ZNL		312.64	-32.67	-2.11	313.20	-31.54	-2.08
EGDYWQ	X	266.00	-79.31	-5.13	287.48	-57.26	-3.78
FB4XD9		350.68	5.37	0.35	345.50	0.76	0.05
JA2CCC	*	350.96	5.65	0.37	367.78	23.04	1.52
JCPLKT		355.18	9.87	0.64	350.68	5.94	0.39
JHUKZN		339.00	-6.31	-0.41	346.20	1.46	0.10
KHBZL6		329.46	-15.85	-1.03	328.58	-16.16	-1.07
KYDXMF		348.52	3.21	0.21	349.60	4.86	0.32
KZT2G8	*	381.16	35.85	2.32	386.09	41.35	2.73
LNDPKN		345.15	-0.17	-0.01	348.21	3.47	0.23
LRT2JQ		340.86	-4.46	-0.29	332.50	-12.24	-0.81
MGRV3W		341.42	-3.89	-0.25	341.26	-3.48	-0.23

WebCode	Data Flag	Sample F43 Lab Mean	Sample F43 Diff from Grand Mean	Sample F43 CPV	Sample F44 Lab Mean	Sample F44 Diff from Grand Mean	Sample F44 CPV
NMMH82	X	0.46	-344.85	-22.30	0.45	-344.28	-22.73
PG3EZY		353.32	8.00	0.52	343.45	-1.29	-0.08
PTAKWJ		361.48	16.16	1.05	357.42	12.68	0.84
PX4GG4		357.14	11.83	0.77	364.48	19.74	1.30
R3DCHJ		347.82	2.51	0.16	347.62	2.88	0.19
RUFVE8	X	120.75	-224.57	-14.52	120.30	-224.44	-14.81
RZ4FK9	X	28.44	-316.87	-20.49	15.94	-328.79	-21.70
T3PKR6		360.20	14.89	0.96	354.80	10.06	0.66
TN8MTW		365.98	20.67	1.34	361.32	16.58	1.09
TQD8GW		354.60	9.29	0.60	357.20	12.46	0.82
UDMMUE		335.40	-9.91	-0.64	346.20	1.46	0.10
UFQFNC		363.82	18.51	1.20	359.80	15.06	0.99
UXU42X		336.22	-9.09	-0.59	329.80	-14.94	-0.99
UZJALU		352.32	7.01	0.45	352.18	7.44	0.49
W2PEA3		311.41	-33.91	-2.19	312.27	-32.47	-2.14
WFJYTB		352.62	7.30	0.47	346.88	2.14	0.14
WMFXYQ		347.82	2.51	0.16	341.60	-3.14	-0.21
X6YA6P		317.94	-27.37	-1.77	319.20	-25.54	-1.69
XFFX2A		321.80	-23.51	-1.52	320.60	-24.14	-1.59
XQYBHT		342.06	-3.25	-0.21	344.32	-0.42	-0.03
XUVYUU		355.29	9.97	0.65	340.93	-3.81	-0.25
Y9BG7U		347.72	2.41	0.16	349.34	4.60	0.30
YZ7AQU		358.12	12.81	0.83	354.38	9.64	0.64
Z69Z76		359.78	14.47	0.94	354.22	9.48	0.63
Z9PC22	X	592.51	247.19	15.99	603.38	258.64	17.07

Summary Statistics

	Sample F43	Sample F44
Grand Means	345.314 ksi	344.739 ksi
Stnd Dev Btwn Labs	15.462 ksi	15.149 ksi

Statistics based on 52 of 60 reporting participants

Sample F43: ABS & Sample F44: ABS

Comments on Assigned Data Flags for Test #708

BE69PZ (X) - Extreme data.

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

9W8FHG (X) - Data for both samples are low. Possible Systematic Error.

NMMH82 (X) - Extreme data.

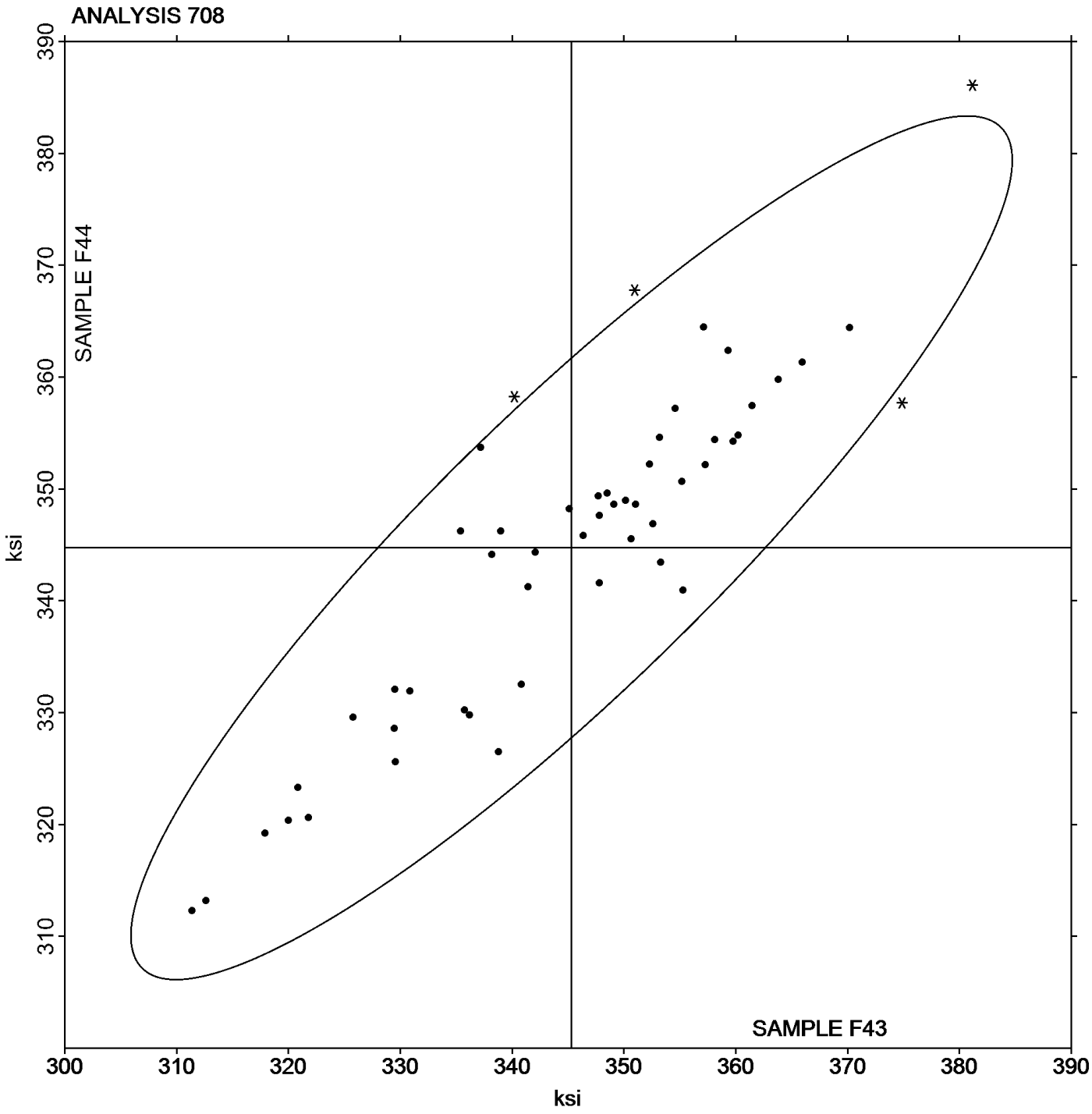
RZ4FK9 (X) - Extreme data.

RUFVE8 (X) - Extreme data.

93FN3R (X) - Inconsistent in testing between samples, data for Sample F44 are low.

Z9PC22 (X) - Extreme data.

Grand Mean Sample F43: 345.31 ksi Grand Mean Sample F44: 344.74 ksi



WebCode	Data Flag	Sample E43 Lab Mean	Sample E43 Diff from Grand Mean	Sample E43 CPV	Sample E44 Lab Mean	Sample E44 Diff from Grand Mean	Sample E44 CPV	Instr Code
388XU4		106.75	-1.36	-0.88	106.85	-0.96	-0.67	CE
4MJVC9		105.08	-3.03	-1.97	104.93	-2.89	-2.01	TO
7Q7KMW		109.03	0.92	0.59	108.15	0.34	0.24	CE
7R3X94		108.13	0.02	0.01	107.35	-0.46	-0.32	CF
9H8GUK	*	109.88	1.77	1.14	107.38	-0.44	-0.30	CE
BUFYJT		106.25	-1.86	-1.20	107.50	-0.31	-0.22	XX
E4QRZP		109.60	1.49	0.97	109.05	1.24	0.86	AT
E8P4XB		105.30	-2.81	-1.82	105.25	-2.56	-1.78	TO
FJGW4D		108.25	0.14	0.09	108.83	1.01	0.71	DN
FLP6BC		109.36	1.25	0.81	107.95	0.14	0.10	TO
HQ9778		106.83	-1.28	-0.83	106.58	-1.24	-0.86	TO
J8ENYR		106.53	-1.58	-1.03	107.35	-0.46	-0.32	DN
JA2CCC		107.58	-0.53	-0.35	106.95	-0.86	-0.60	TO
JCPLKT		108.48	0.37	0.24	108.83	1.01	0.71	DN
KWBYD8		110.25	2.14	1.39	110.90	3.09	2.15	XX
KYDXMF		108.60	0.49	0.32	107.05	-0.76	-0.53	CE
MGRV3W	X	117.25	9.14	5.92	117.15	9.34	6.51	CE
MHLGX9		107.60	-0.51	-0.33	107.48	-0.34	-0.23	CE
NVK8TC	X	106.28	-1.83	-1.19	101.90	-5.91	-4.12	TO
PX4GG4		108.05	-0.06	-0.04	107.43	-0.39	-0.27	RO
R3DCHJ		105.65	-2.46	-1.59	105.80	-2.01	-1.40	RO
RUFVE8		109.95	1.84	1.19	109.18	1.36	0.95	CE
TBYWXF		107.58	-0.53	-0.35	107.50	-0.31	-0.22	XX
TN8MTW		109.30	1.19	0.77	108.33	0.51	0.36	TO
UFQFNC	*	111.38	3.27	2.12	111.83	4.01	2.80	XX
UXU42X		108.68	0.57	0.37	108.53	0.71	0.50	CE
UZJALU		108.43	0.32	0.20	108.18	0.36	0.25	XX
WFJYTB		107.00	-1.11	-0.72	107.08	-0.74	-0.51	TY
WMFXYQ		109.90	1.79	1.16	108.68	0.86	0.60	CE
XQYBHT		107.65	-0.46	-0.30	107.35	-0.46	-0.32	ZW
XUVYUU		108.18	0.07	0.04	108.33	0.51	0.36	AT

Summary Statistics	Sample E43	Sample E44
Grand Means	108.110 Degrees C	107.811 Degrees C
Stnd Dev Btwn Labs	1.543 Degrees C	1.435 Degrees C

Statistics based on 29 of 31 reporting participants

Sample E43: PC/ABS & Sample E44: PC/ABS

Comments on Assigned Data Flags for Test #710

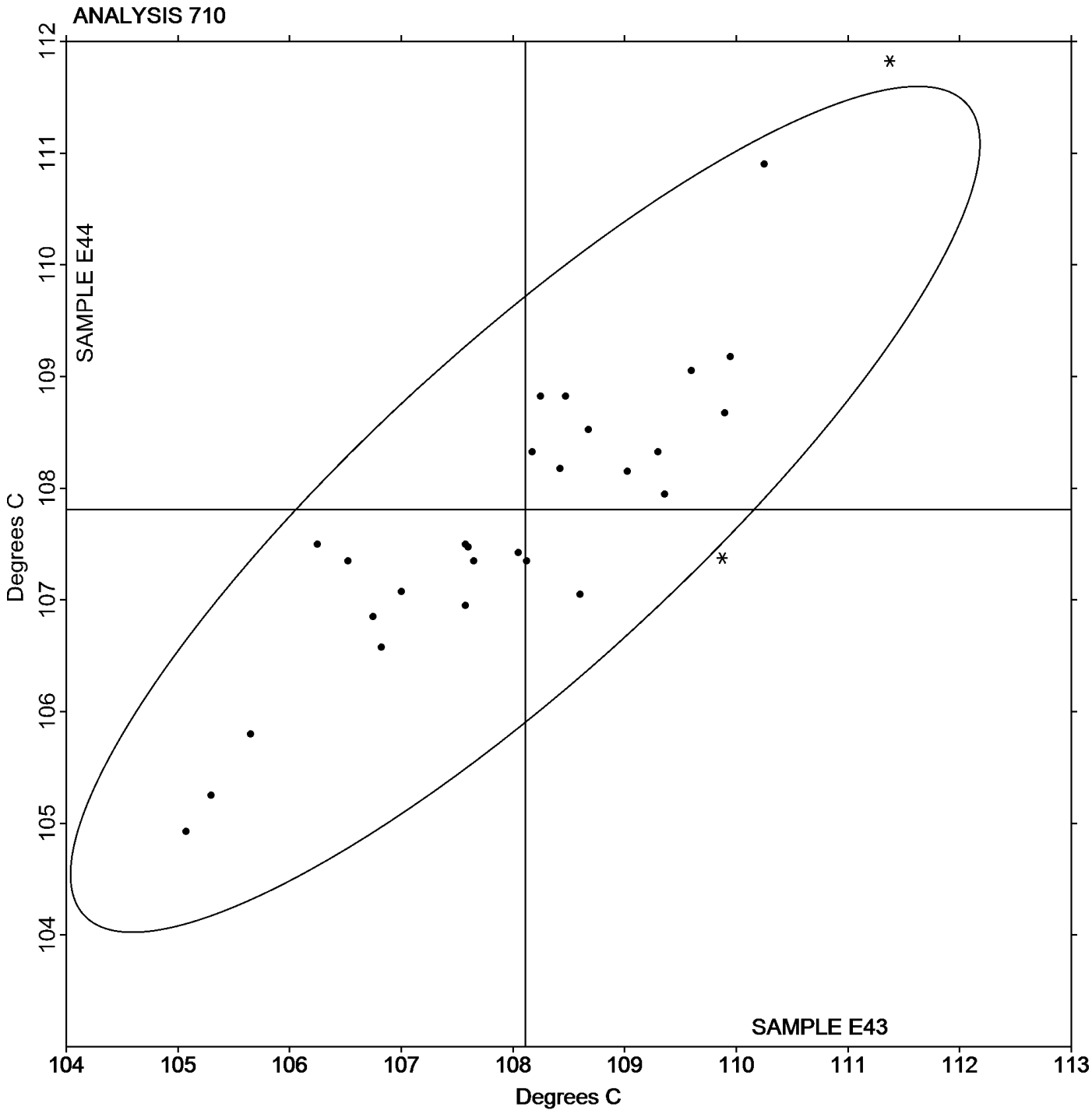
NVK8TC (X) - Inconsistent in testing between samples, data for Sample E44 are low.

MGRV3W (X) - Data for both samples are high. Possible Systematic Error.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample E43: 108.11 Degrees C Grand Mean Sample E44: 107.81 Degrees C



WebCode	Data Flag	Sample G43 Lab Mean	Sample G43 Diff from Grand Mean	Sample G43 CPV	Sample G44 Lab Mean	Sample G44 Diff from Grand Mean	Sample G44 CPV	Instr Code
388XU4		82.8	-1.2	-0.39	70.5	0.6	0.34	CE
4MJVC9		82.3	-1.8	-0.56	68.4	-1.5	-0.85	TO
AZ2RWD		79.2	-4.9	-1.53	67.9	-2.0	-1.13	AT
DJNAKV		83.3	-0.8	-0.24	69.3	-0.6	-0.31	CE
E8P4XB		83.8	-0.3	-0.09	69.0	-0.9	-0.48	TO
FLP6BC		82.4	-1.7	-0.52	67.6	-2.3	-1.27	TO
JLWFJR		86.4	2.3	0.73	72.2	2.3	1.29	CE
KYDXMF		79.9	-4.1	-1.30	68.5	-1.4	-0.76	CE
MGRV3W		87.2	3.1	0.99	70.4	0.5	0.28	CE
MHLGX9		84.0	-0.1	-0.02	69.7	-0.2	-0.11	CE
RUFVE8		90.1	6.1	1.90	72.1	2.2	1.26	CE
UFQFNC		87.3	3.3	1.02	73.0	3.1	1.74	XX

Summary Statistics

	Sample G43	Sample G44
Grand Means	84.03 Degrees C	69.85 Degrees C
Stnd Dev Btwn Labs	3.19 Degrees C	1.78 Degrees C

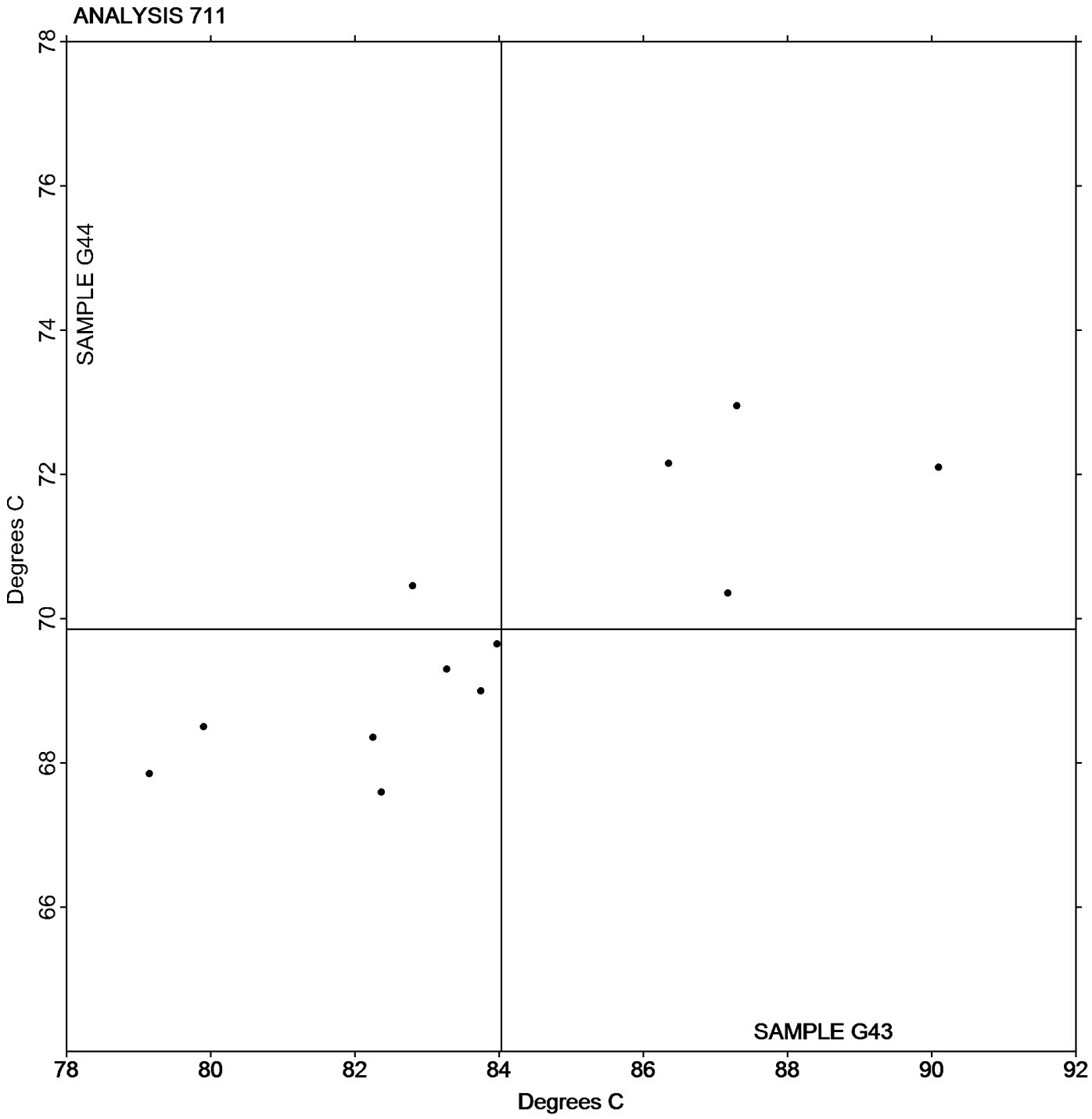
Statistics based on 12 of 12 reporting participants

Sample G43: PP & Sample G44: PP

Key to Instrument Codes Reported by Participants

AT Atlas
CE Ceast
TO Tinius Olsen
XX Instrument manufacturer not specified by lab

Grand Mean Sample G43: 84.033 Degrees C Grand Mean Sample G44: 69.854 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 N43 Lab Mean	Sample N43 Diff from Grand Mean	Sample N43 CPV	Sample N44 Lab Mean	Sample N44 Diff from Grand Mean	Sample N44 CPV	Instr Code
23HWDY		75.78	0.21	0.16	75.18	-0.29	-0.23	AT
388XU4		73.28	-2.29	-1.78	74.05	-1.41	-1.12	CE
4MJVC9		74.18	-1.39	-1.08	73.98	-1.49	-1.18	TO
6AQNWJ		76.40	0.84	0.65	76.35	0.89	0.70	CE
6KLZ6Q		76.50	0.94	0.73	76.23	0.76	0.61	DN
7A78EV		75.40	-0.16	-0.13	76.38	0.91	0.72	CE
7LTL8X		78.45	2.89	2.24	77.53	2.06	1.64	CF
92NF4N		76.20	0.64	0.49	75.30	-0.16	-0.13	AT
AZMZ93		75.93	0.36	0.28	76.53	1.06	0.84	CF
B9BHVA		77.00	1.44	1.11	76.40	0.94	0.74	CE
E4QRZP		75.78	0.21	0.16	74.88	-0.59	-0.47	AT
EGDYWQ		74.63	-0.94	-0.73	74.68	-0.79	-0.62	CE
EHNQ4L		74.43	-1.14	-0.88	74.55	-0.91	-0.72	TO
FJGW4D		75.35	-0.21	-0.17	75.05	-0.41	-0.33	DN
FLP6BC		75.05	-0.52	-0.40	74.75	-0.71	-0.56	TO
GZYAYG		77.93	2.36	1.83	77.85	2.39	1.90	CE
JHUKZN		75.88	0.31	0.24	75.83	0.36	0.29	XX
JLWFJR		76.75	1.19	0.92	76.48	1.02	0.81	CF
LVAHXN		75.85	0.29	0.22	75.93	0.46	0.37	XX
MHLGX9		73.93	-1.64	-1.27	74.53	-0.94	-0.74	CE
MRRGFM	*	76.58	1.01	0.79	77.85	2.39	1.90	CE
N43AHM		75.15	-0.41	-0.32	75.00	-0.46	-0.37	AT
NEFDLD		74.33	-1.24	-0.96	73.83	-1.64	-1.30	XX
NEYJK3		78.43	2.86	2.22	77.73	2.26	1.80	TO
NKKFL8		75.05	-0.51	-0.40	74.80	-0.66	-0.53	IN
PTYEZH		74.23	-1.34	-1.04	74.50	-0.96	-0.76	CE
R39W4X		76.08	0.51	0.40	75.73	0.26	0.21	AT
RUFVE8		77.00	1.44	1.11	77.35	1.89	1.50	CE
TJFFEU		76.33	0.76	0.59	76.15	0.69	0.55	AT
TN8MTW		74.88	-0.69	-0.53	74.65	-0.81	-0.64	TO
TQU3LD		75.18	-0.39	-0.30	75.55	0.09	0.07	TY
UZJALU		74.08	-1.49	-1.16	73.88	-1.59	-1.26	IN
VCRBXD		74.98	-0.59	-0.46	74.73	-0.74	-0.58	TO
WFJYTB		75.05	-0.51	-0.40	75.15	-0.31	-0.25	TY
WPQMH3		74.73	-0.84	-0.65	74.33	-1.14	-0.90	CE

WebCode	Data Flag	Sample N43 Lab Mean	Sample N43 Diff from Grand Mean	Sample N43 CPV	Sample N44 Lab Mean	Sample N44 Diff from Grand Mean	Sample N44 CPV	Instr Code
X2VJYB		76.98	1.41	1.10	77.00	1.54	1.22	DN
XQYBHT		74.63	-0.94	-0.73	74.50	-0.96	-0.76	ZW
Z9PC22		72.75	-2.81	-2.18	72.38	-3.09	-2.45	XX
ZNHVZX		75.95	0.39	0.30	75.53	0.06	0.05	DN

Summary Statistics

	Sample N43	Sample N44
Grand Means	75.563 Degrees C	75.462 Degrees C
Stnd Dev Btwn Labs	1.289 Degrees C	1.260 Degrees C

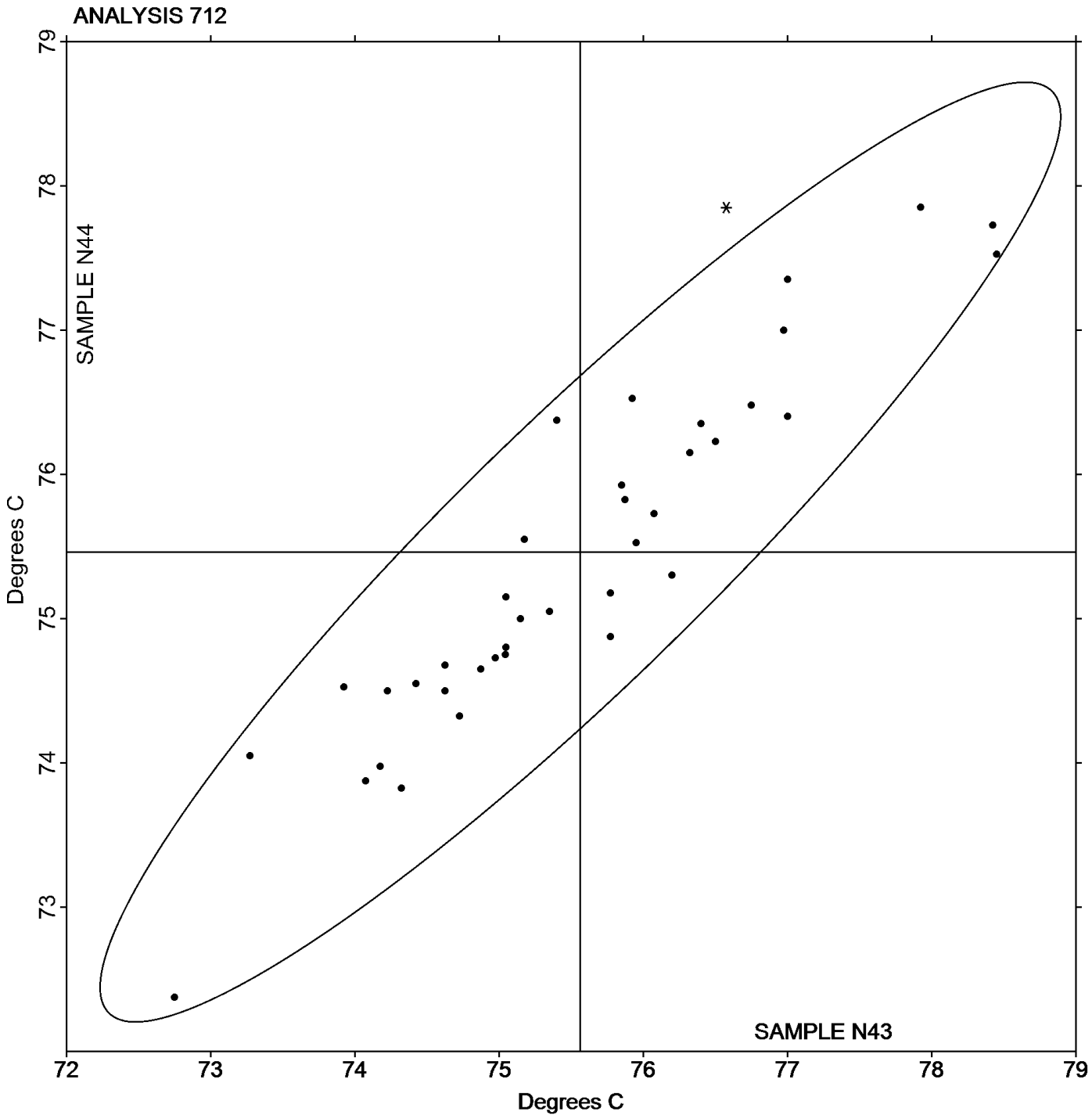
Statistics based on 39 of 39 reporting participants

Sample N43: ABS & Sample N44: ABS

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample N43: 75.563 Degrees C Grand Mean Sample N44: 75.462 Degrees C



WebCode	Data Flag	Sample H43 Lab Mean	Sample H43 Diff from Grand Mean	Sample H43 CPV	Sample H44 Lab Mean	Sample H44 Diff from Grand Mean	Sample H44 CPV	Instr Code
39JUZ8		139.50	-0.94	-1.22	139.58	-0.84	-1.11	DN
4MJVC9		140.18	-0.25	-0.33	140.07	-0.35	-0.47	TO
7A78EV		142.12	1.68	2.19	142.08	1.66	2.21	CE
9H8GUK		141.35	0.91	1.19	141.07	0.65	0.86	CE
9VWCBK		140.27	-0.17	-0.22	140.22	-0.20	-0.27	AT
DJNAKV		140.42	-0.02	-0.03	140.32	-0.10	-0.14	CE
DM8E88		140.10	-0.34	-0.44	139.95	-0.47	-0.62	CE
E4QRZP		140.50	0.06	0.08	140.55	0.13	0.17	AT
FB4XD9		139.42	-1.02	-1.33	139.78	-0.64	-0.85	CE
FE498M		140.63	0.20	0.26	140.62	0.20	0.26	CE
GZYAYG		141.37	0.93	1.21	141.23	0.81	1.08	CF
JCPLKT		139.15	-1.29	-1.68	139.07	-1.35	-1.80	QA
JLWFJR		140.87	0.43	0.56	141.17	0.75	0.99	CF
KKGEFP		140.50	0.06	0.08	140.45	0.03	0.04	CE
KVB22Q		141.07	0.63	0.82	140.90	0.48	0.64	TO
MHLGX9		139.53	-0.90	-1.18	139.32	-1.10	-1.47	CE
PX4GG4		140.18	-0.25	-0.33	140.27	-0.15	-0.20	RO
WFJYTB		139.97	-0.47	-0.61	140.03	-0.39	-0.51	TY
XQYBHT		141.18	0.75	0.97	141.30	0.88	1.17	CF

Summary Statistics

	Sample H43	Sample H44
Grand Means	140.437 Degrees C	140.419 Degrees C
Stnd Dev Btwn Labs	0.767 Degrees C	0.752 Degrees C

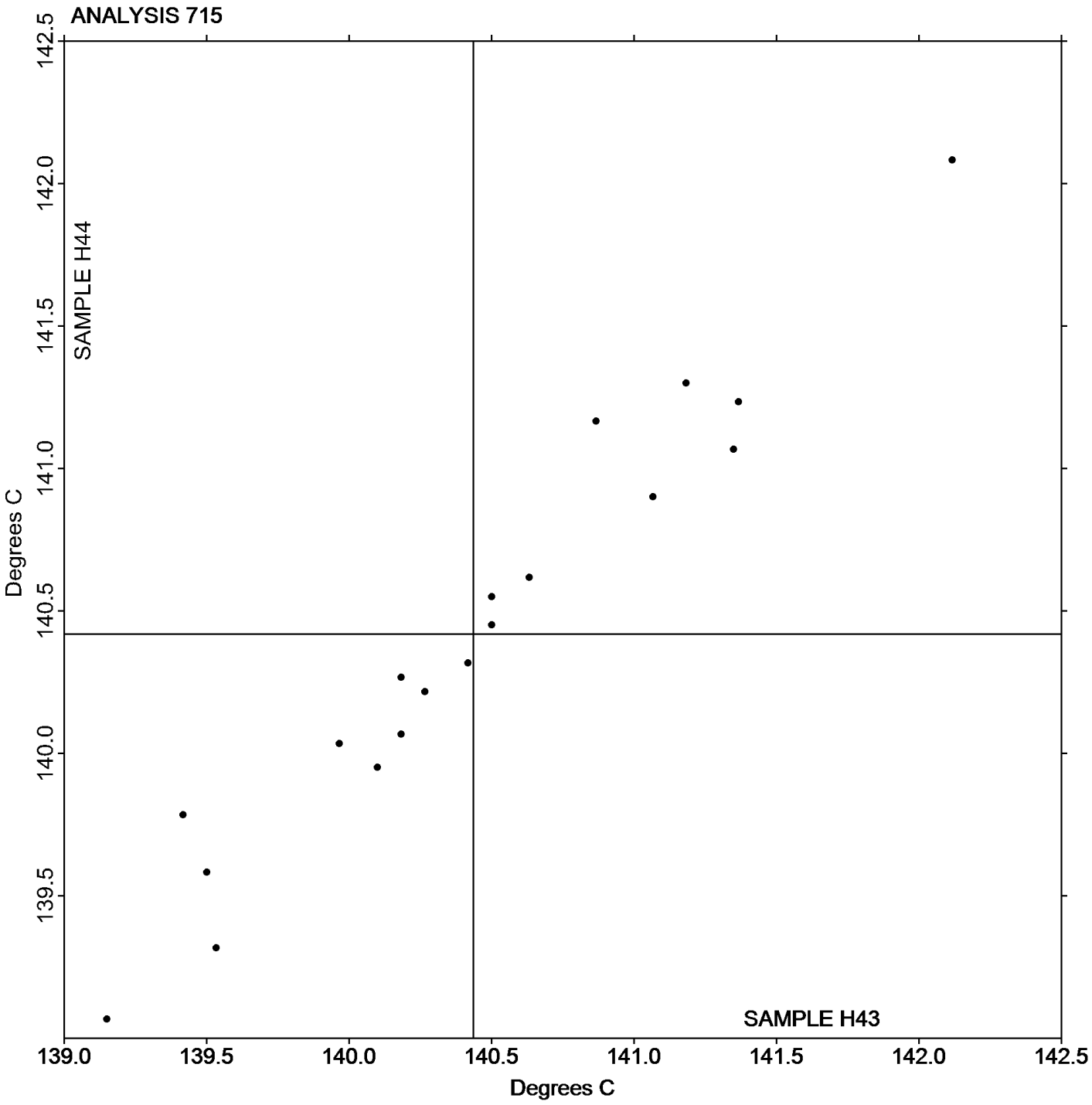
Statistics based on 19 of 19 reporting participants

Sample H43: PC/ABS & Sample H44: PC/ABS

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample H43: 140.44 Degrees C Grand Mean Sample H44: 140.42 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 R43 Lab Mean	Sample R43 Diff from Grand Mean	Sample R43 CPV	Sample R44 Lab Mean	Sample R44 Diff from Grand Mean	Sample R44 CPV	Instr Code
39JUZ8		141.10	-1.05	-1.15	141.32	-0.73	-0.82	DN
3JPDZQ		141.50	-0.65	-0.71	140.83	-1.21	-1.36	TO
4MJVC9		141.53	-0.62	-0.68	141.47	-0.58	-0.65	TO
7A78EV	*	144.27	2.11	2.30	143.63	1.59	1.78	CE
9H8GUK		142.87	0.71	0.77	142.80	0.75	0.84	CE
9VWCBK		142.18	0.03	0.03	142.20	0.15	0.17	AT
DJNAKV		141.85	-0.30	-0.33	141.89	-0.16	-0.18	CE
DM8E88	*	139.65	-2.50	-2.72	139.55	-2.50	-2.79	CE
E4QRZP		142.33	0.18	0.19	142.37	0.32	0.36	AT
FB4XD9		141.60	-0.55	-0.60	141.40	-0.65	-0.72	CE
FLP6BC		143.10	0.94	1.02	142.86	0.81	0.91	TO
GZYAYG		142.37	0.21	0.23	142.17	0.12	0.13	CF
JCPLKT		142.63	0.48	0.52	142.77	0.72	0.81	DN
JLWFJR		142.73	0.58	0.63	142.90	0.85	0.96	CF
KKGEFP		142.23	0.08	0.09	142.10	0.05	0.06	CE
KVB22Q		142.43	0.28	0.30	142.40	0.35	0.40	TO
PX4GG4		142.18	0.03	0.03	142.23	0.19	0.21	RO
WFJYTB		142.05	-0.10	-0.11	141.82	-0.23	-0.26	TY
XQYBHT		142.32	0.16	0.18	142.18	0.14	0.15	CF

Summary Statistics

	Sample R43	Sample R44
Grand Means	142.154 Degrees C	142.046 Degrees C
Stnd Dev Btwn Labs	0.919 Degrees C	0.894 Degrees C

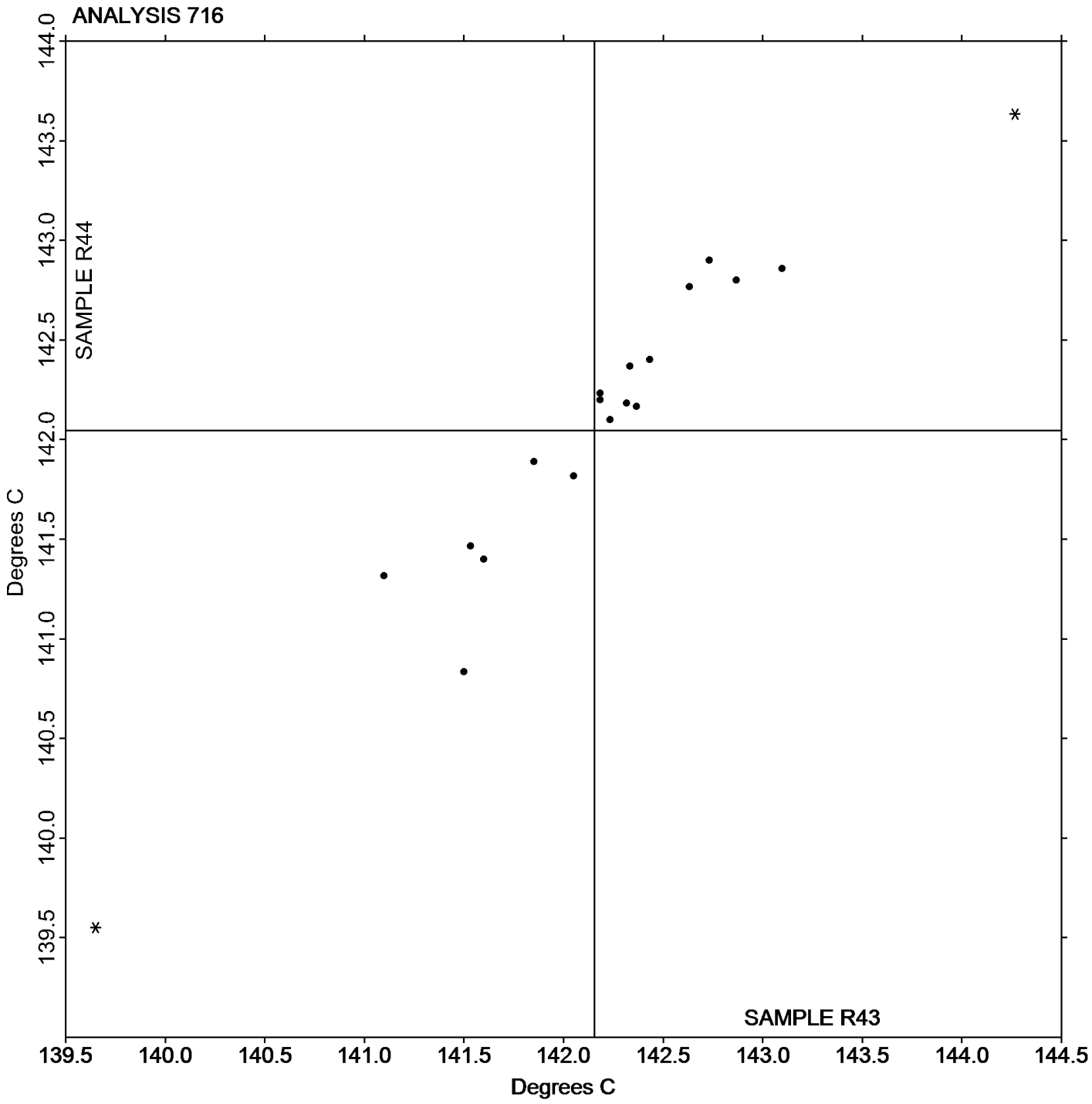
Statistics based on 19 of 19 reporting participants

Sample R43: PC/ABS & Sample R44: PC/ABS

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample R43: 142.15 Degrees C Grand Mean Sample R44: 142.05 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 T43 Lab Mean	Sample T43 Diff from Grand Mean	Sample T43 CPV	Sample T44 Lab Mean	Sample T44 Diff from Grand Mean	Sample T44 CPV
23HWDY		1.03667	0.00242	1.25	1.03667	0.00227	1.18
26PECU		1.03447	0.00022	0.11	1.03467	0.00027	0.14
2K3RPL		1.03350	-0.00075	-0.39	1.03353	-0.00087	-0.45
388XU4		1.03560	0.00135	0.70	1.03560	0.00120	0.62
3ULG77		1.03273	-0.00151	-0.78	1.03383	-0.00057	-0.29
4ELW49		1.03167	-0.00258	-1.34	1.03133	-0.00307	-1.59
4FZPF3		1.03487	0.00062	0.32	1.03427	-0.00013	-0.07
4G8RHZ		1.03447	0.00022	0.11	1.03470	0.00030	0.16
4MJVC9		1.03463	0.00039	0.20	1.03517	0.00077	0.40
6KLZ6Q		1.03400	-0.00025	-0.13	1.03303	-0.00137	-0.71
7A78EV		1.03333	-0.00091	-0.47	1.03343	-0.00097	-0.50
7AMLKK		1.03633	0.00209	1.08	1.03467	0.00027	0.14
7Q7KMW		1.03318	-0.00106	-0.55	1.03169	-0.00271	-1.40
7VNK6X		1.03207	-0.00218	-1.13	1.03187	-0.00253	-1.31
8MMK8G		1.03363	-0.00061	-0.32	1.03293	-0.00147	-0.76
8XLKHZ		1.03743	0.00319	1.65	1.03783	0.00343	1.78
92NF4N		1.03200	-0.00225	-1.16	1.03167	-0.00273	-1.42
9C4ENY		1.03422	-0.00003	-0.02	1.03410	-0.00030	-0.15
9H8GUK		1.03333	-0.00091	-0.47	1.03350	-0.00090	-0.47
9HPMVV	*	1.03287	-0.00138	-0.72	1.03103	-0.00337	-1.75
9W8FHG		1.03300	-0.00125	-0.65	1.03300	-0.00140	-0.73
AEL8ZD		1.03233	-0.00191	-0.99	1.03133	-0.00307	-1.59
AZ2RWD		1.03603	0.00179	0.93	1.03610	0.00170	0.88
B76VKQ		1.03627	0.00202	1.05	1.03670	0.00230	1.19
B8ZM8W	X	1.02333	-0.01091	-5.66	1.02733	-0.00707	-3.67
B9BHVA		1.03267	-0.00158	-0.82	1.03333	-0.00107	-0.55
BE69PZ	X	1.03033	-0.00391	-2.03	1.02800	-0.00640	-3.32
C4CJYQ		1.03097	-0.00328	-1.70	1.03170	-0.00270	-1.40
D2MCET		1.03533	0.00109	0.56	1.03500	0.00060	0.31
DJNAKV		1.03400	-0.00025	-0.13	1.03390	-0.00050	-0.26
E4QRZP		1.03480	0.00055	0.29	1.03517	0.00077	0.40
E8P4XB		1.03367	-0.00058	-0.30	1.03400	-0.00040	-0.21
EDBXWU		1.03143	-0.00281	-1.46	1.03363	-0.00077	-0.40
EHNQ4L		1.03390	-0.00035	-0.18	1.03600	0.00160	0.83
EPN2G7		1.03600	0.00175	0.91	1.03533	0.00093	0.48

WebCode	Data Flag	Sample T43 Lab Mean	Sample T43 Diff from Grand Mean	Sample T43 CPV	Sample T44 Lab Mean	Sample T44 Diff from Grand Mean	Sample T44 CPV
F6WJJQ		1.03600	0.00175	0.91	1.03600	0.00160	0.83
FB4XD9		1.03737	0.00312	1.62	1.03733	0.00293	1.52
FJGW4D		1.03633	0.00209	1.08	1.03633	0.00193	1.00
FLGAHP		1.03467	0.00042	0.22	1.03500	0.00060	0.31
FLP6BC	X	1.03233	-0.00191	-0.99	1.02410	-0.01030	-5.35
GUV7AH		1.03400	-0.00025	-0.13	1.03617	0.00177	0.92
HEZ7VM		1.03660	0.00235	1.22	1.03663	0.00223	1.16
HQ9778		1.03450	0.00025	0.13	1.03490	0.00050	0.26
JA2CCC		1.03567	0.00142	0.74	1.03533	0.00093	0.48
JHUKZN		1.03587	0.00162	0.84	1.03557	0.00117	0.61
JLWFJR		1.03250	-0.00175	-0.91	1.03200	-0.00240	-1.25
JVGUK9		1.03367	-0.00058	-0.30	1.03333	-0.00107	-0.55
LKBQ7P		1.03223	-0.00201	-1.04	1.03200	-0.00240	-1.25
LLN8GH		1.03553	0.00129	0.67	1.03517	0.00077	0.40
LNDPKN		1.03473	0.00049	0.25	1.03573	0.00133	0.69
LVAHXN		1.03333	-0.00091	-0.47	1.03200	-0.00240	-1.25
LY9PAL	X	1.02753	-0.00671	-3.48	1.02813	-0.00627	-3.25
MA7XEA	X	1.02970	-0.00455	-2.36	1.03287	-0.00153	-0.80
MCW3BM		1.03077	-0.00348	-1.80	1.03103	-0.00337	-1.75
MHLGX9		1.03390	-0.00035	-0.18	1.03397	-0.00043	-0.23
N2CCN2		1.03213	-0.00211	-1.10	1.03200	-0.00240	-1.25
N43AHM		1.03630	0.00205	1.06	1.03570	0.00130	0.67
NCVKTH		1.03620	0.00195	1.01	1.03643	0.00203	1.06
NEFDLD		1.03452	0.00028	0.14	1.03247	-0.00193	-1.00
NKKFL8		1.03573	0.00149	0.77	1.03630	0.00190	0.99
P63TRF		1.03553	0.00129	0.67	1.03533	0.00093	0.48
PG3EZY		1.03200	-0.00225	-1.16	1.03333	-0.00107	-0.55
PTYEZH		1.03610	0.00185	0.96	1.03593	0.00153	0.80
Q3TDJZ	X	1.03353	-0.00071	-0.37	1.03063	-0.00377	-1.95
QQZYFW		1.03607	0.00182	0.94	1.03683	0.00243	1.26
RUFVE8		1.03050	-0.00375	-1.94	1.03163	-0.00277	-1.44
TFUJZC		1.03220	-0.00205	-1.06	1.03233	-0.00207	-1.07
TJEEVG	*	1.03933	0.00509	2.64	1.03967	0.00527	2.73
TMXHHT		1.03467	0.00042	0.22	1.03540	0.00100	0.52
TQD8GW		1.03333	-0.00091	-0.47	1.03367	-0.00073	-0.38

WebCode	Data Flag	Sample T43 Lab Mean	Sample T43 Diff from Grand Mean	Sample T43 CPV	Sample T44 Lab Mean	Sample T44 Diff from Grand Mean	Sample T44 CPV
TUV934		1.03512	0.00087	0.45	1.03572	0.00132	0.69
UDMMUE		1.03600	0.00175	0.91	1.03567	0.00127	0.66
UQ6QXN		1.03537	0.00112	0.58	1.03557	0.00117	0.61
UUQECA		1.03270	-0.00155	-0.80	1.03417	-0.00023	-0.12
UVJ2DD		1.03367	-0.00058	-0.30	1.03367	-0.00073	-0.38
UXU42X		1.03200	-0.00225	-1.16	1.03367	-0.00073	-0.38
UZJALU	*	1.03037	-0.00388	-2.01	1.03293	-0.00147	-0.76
VCRBXD		1.03803	0.00379	1.96	1.03807	0.00367	1.90
W2PEA3		1.03000	-0.00425	-2.20	1.03000	-0.00440	-2.28
W8PWMT		1.03713	0.00289	1.50	1.03573	0.00133	0.69
WDBXHC		1.03317	-0.00108	-0.56	1.03353	-0.00087	-0.45
WECJHY	*	1.03387	-0.00038	-0.20	1.03637	0.00197	1.02
WFJYTB		1.03333	-0.00091	-0.47	1.03313	-0.00127	-0.66
WMFXYQ		1.03403	-0.00021	-0.11	1.03347	-0.00093	-0.48
X2VJYB		1.03633	0.00209	1.08	1.03603	0.00163	0.85
X9XK3B		1.03593	0.00169	0.87	1.03610	0.00170	0.88
XQYBHT		1.03567	0.00142	0.74	1.03590	0.00150	0.78
XUVYUU	*	1.03303	-0.00121	-0.63	1.03597	0.00157	0.81
YA3LE8		1.03523	0.00098	0.51	1.03514	0.00074	0.38
YP3E8P		1.03023	-0.00401	-2.08	1.03033	-0.00407	-2.11
YZ7AQU		1.03693	0.00269	1.39	1.03713	0.00273	1.42
Z6TGNT		1.03230	-0.00195	-1.01	1.03260	-0.00180	-0.93
ZWY943		1.03533	0.00109	0.56	1.03567	0.00127	0.66

Summary Statistics

	Sample T43	Sample T44
Grand Means	1.034247 sp gr 23/23 C	1.034400 sp gr 23/23 C
Stnd Dev Btwn Labs	0.001929 sp gr 23/23 C	0.001927 sp gr 23/23 C

Statistics based on 87 of 93 reporting participants

Sample T43: HIPS & Sample T44: HIPS

Comments on Assigned Data Flags for Test #718

BE69PZ (X) - Inconsistent in testing between samples, data for Sample T44 are low.

MA7XEA (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample T44.

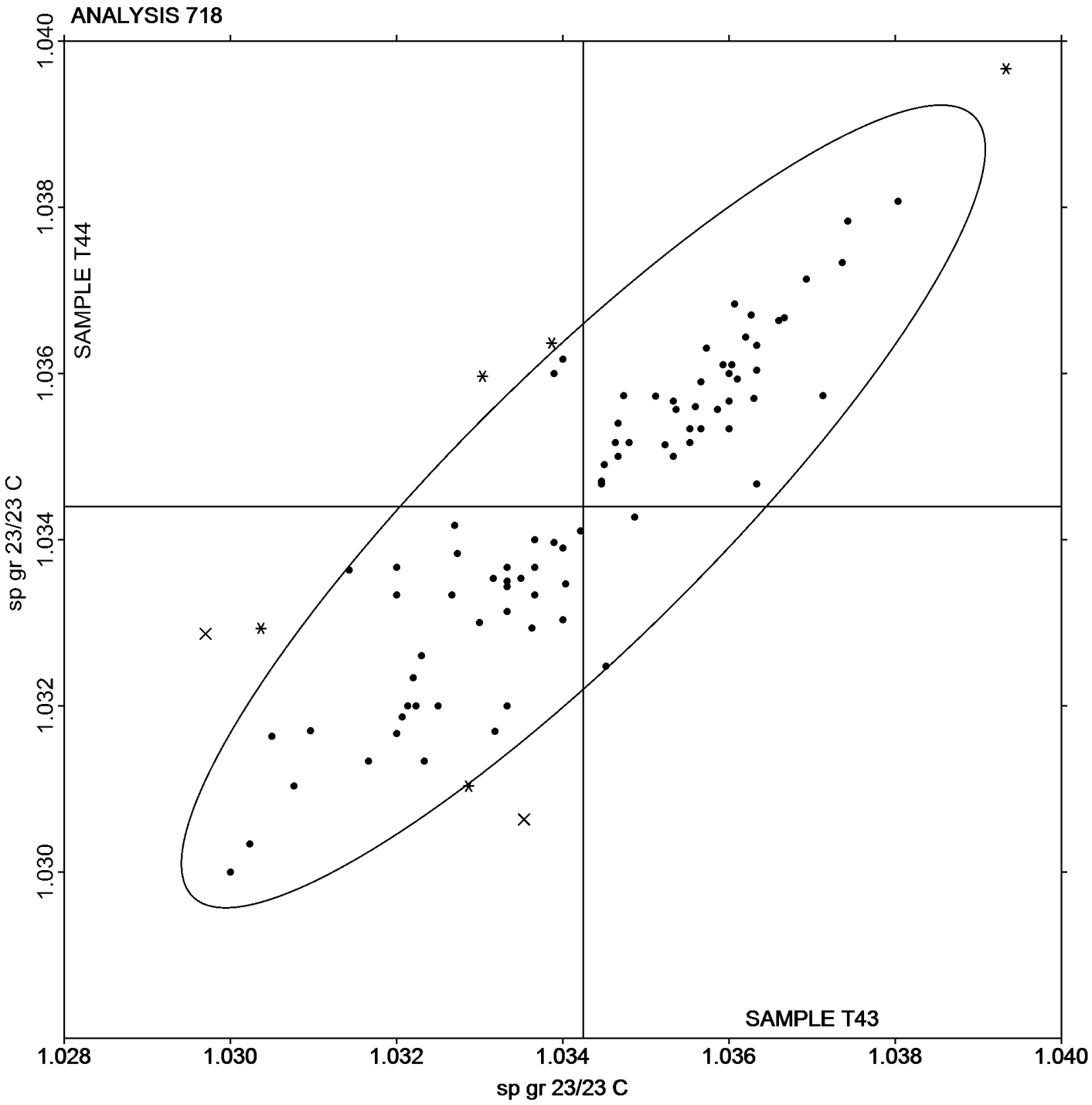
Q3TDJZ (X) - Inconsistent in testing between samples.

FLP6BC (X) - Inconsistent in testing between samples, data for Sample T44 are low.

B8ZM8W (X) - Data for both samples are low. Possible Systematic Error.

LY9PAL (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample T44.

Grand Mean Sample T43: 1.0342 sp gr 23/23 C Grand Mean Sample T44: 1.0344 sp gr 23/23 C



WebCode	Data Flag	Sample J43 Lab Mean	Sample J43 Diff from Grand Mean	Sample J43 CPV	Sample J44 Lab Mean	Sample J44 Diff from Grand Mean	Sample J44 CPV
2K3RPL		354.8	19.8	1.14	356.8	22.0	1.23
388XU4		363.8	28.9	1.66	361.7	26.9	1.51
4KUM6T		318.0	-16.9	-0.97	315.4	-19.4	-1.09
4MJVC9		326.1	-8.8	-0.51	329.1	-5.8	-0.32
7A78EV		308.1	-26.8	-1.54	306.0	-28.9	-1.62
7M84DN		336.8	1.9	0.11	331.4	-3.4	-0.19
7R3X94		335.2	0.3	0.02	336.6	1.8	0.10
7XPMTE		360.0	25.1	1.44	362.0	27.2	1.52
8CQEEJ		348.7	13.7	0.79	343.5	8.7	0.49
9H8GUK		307.8	-27.1	-1.56	307.7	-27.2	-1.52
9PQLKY	*	382.3	47.3	2.71	381.3	46.5	2.61
9W8FHG		332.6	-2.3	-0.13	332.0	-2.8	-0.16
9Z7M6Y		339.5	4.5	0.26	334.6	-0.3	-0.01
BE69PZ	X	117.5	-217.4	-12.47	117.3	-217.5	-12.20
BGA44W		334.0	-1.0	-0.05	332.0	-2.9	-0.16
BKR4LX		314.1	-20.8	-1.19	309.7	-25.1	-1.41
BUFYJT		335.5	0.5	0.03	333.4	-1.5	-0.08
BVAKCJ		311.3	-23.6	-1.36	312.7	-22.2	-1.24
DQ7RRC		336.2	1.3	0.07	333.3	-1.6	-0.09
E4QRZP		348.4	13.5	0.77	348.0	13.2	0.74
E8P4XB	X	336.6	1.6	0.09	317.5	-17.3	-0.97
EB9ZNL		344.5	9.5	0.55	353.0	18.1	1.02
EGDYWQ		292.5	-42.4	-2.43	293.5	-41.3	-2.32
FB4XD9		342.8	7.8	0.45	342.5	7.7	0.43
FJGW4D		326.9	-8.0	-0.46	329.4	-5.5	-0.31
FLP6BC		349.0	14.1	0.81	354.7	19.8	1.11
HEZ7VM		343.8	8.9	0.51	345.6	10.8	0.60
HQ9778		347.9	12.9	0.74	346.9	12.0	0.67
J8ENYR		333.4	-1.6	-0.09	329.2	-5.7	-0.32
JA2CCC		355.3	20.4	1.17	352.3	17.4	0.98
JCPLKT		323.3	-11.6	-0.67	328.8	-6.1	-0.34
JHUKZN		323.4	-11.5	-0.66	325.2	-9.6	-0.54
KVDNFJ		328.6	-6.3	-0.36	327.8	-7.0	-0.40
KZT2G8		362.3	27.4	1.57	361.7	26.9	1.51
LKBQ7P		322.4	-12.5	-0.72	319.6	-15.2	-0.86

WebCode	Data Flag	Sample J43 Lab Mean	Sample J43 Diff from Grand Mean	Sample J43 CPV	Sample J44 Lab Mean	Sample J44 Diff from Grand Mean	Sample J44 CPV
LLN8GH		340.4	5.4	0.31	339.2	4.3	0.24
LNDPKN		338.1	3.1	0.18	339.7	4.9	0.27
LVAHXN		295.6	-39.3	-2.26	297.6	-37.2	-2.09
MA7XEA	*	317.7	-17.2	-0.99	308.7	-26.2	-1.47
MGRV3W		361.2	26.2	1.51	359.6	24.7	1.39
N8Y39C		361.5	26.6	1.53	360.5	25.6	1.44
NEFDLD		321.1	-13.8	-0.79	324.6	-10.3	-0.57
NMMH82		322.7	-12.2	-0.70	321.5	-13.4	-0.75
P7V2JV		345.7	10.8	0.62	342.7	7.8	0.44
PX4GG4		326.0	-8.9	-0.51	328.3	-6.5	-0.37
R3DCHJ		320.3	-14.7	-0.84	323.0	-11.9	-0.67
RNBTVZ	X	185.2	-149.7	-8.59	184.9	-149.9	-8.41
RUFVE8		335.4	0.5	0.03	333.7	-1.1	-0.06
T3PKR6		319.4	-15.5	-0.89	323.8	-11.0	-0.62
TMXHHT		319.1	-15.9	-0.91	316.3	-18.5	-1.04
TN8MTW		344.6	9.7	0.55	346.4	11.6	0.65
TQD8GW		340.8	5.9	0.34	337.4	2.6	0.14
UFQFNC		325.5	-9.4	-0.54	325.5	-9.4	-0.53
UXU42X	*	332.6	-2.3	-0.13	322.0	-12.8	-0.72
UZJALU	*	334.2	-0.8	-0.04	345.3	10.4	0.58
W2PEA3	X	314.3	-20.6	-1.18	292.1	-42.8	-2.40
WFJYTB		337.7	2.7	0.16	338.0	3.2	0.18
WMFXYQ		350.9	15.9	0.91	351.8	17.0	0.95
X6YA6P		334.1	-0.8	-0.05	335.6	0.7	0.04
XFFX2A		313.8	-21.2	-1.21	320.2	-14.7	-0.82
XQYBHT		324.0	-10.9	-0.63	323.8	-11.0	-0.62
XUVYUU		345.0	10.0	0.58	344.2	9.3	0.52
YA3LE8	*	366.5	31.6	1.81	374.2	39.4	2.21
YZ7AQU	X	364.9	29.9	1.72	349.7	14.9	0.83
Z69Z76		342.6	7.7	0.44	341.6	6.8	0.38
Z9PC22		325.1	-9.8	-0.56	323.3	-11.6	-0.65

Summary Statistics	Sample J43	Sample J44
Grand Means	334.93 ksi	334.85 ksi
Stnd Dev Btwn Labs	17.43 ksi	17.83 ksi

Statistics based on 61 of 66 reporting participants

Sample J43: HIPS & Sample J44: HIPS

Comments on Assigned Data Flags for Test #720

BE69PZ (X) - Extreme data.

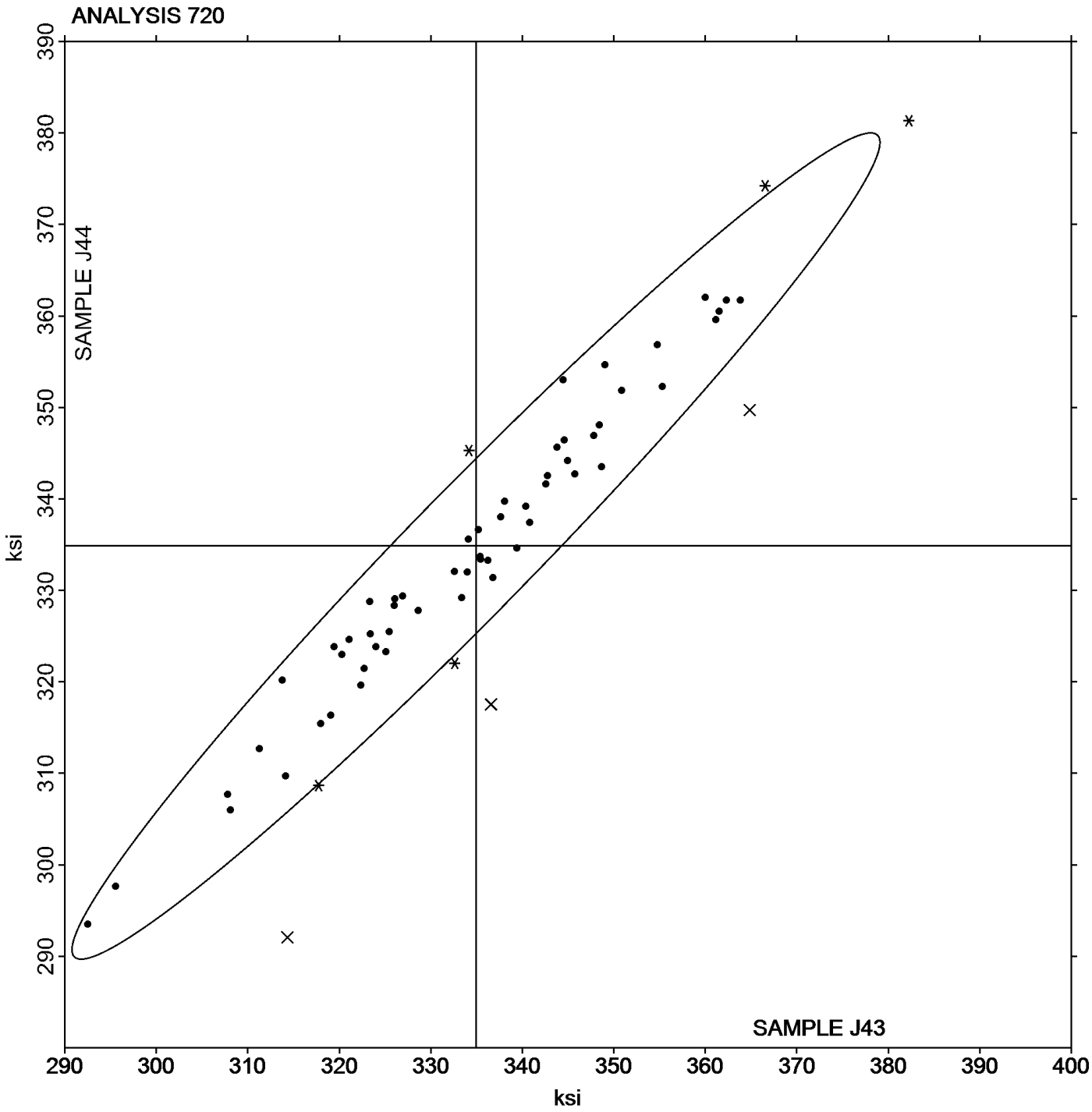
YZ7AQU (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

E8P4XB (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample J43.

W2PEA3 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

RNBTVZ (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample J43.

Grand Mean Sample J43: 334.93 ksi Grand Mean Sample J44: 334.85 ksi



WebCode	Data Flag	Sample J43 Lab Mean	Sample J43 Diff from Grand Mean	Sample J43 CPV	Sample J44 Lab Mean	Sample J44 Diff from Grand Mean	Sample J44 CPV
4KUM6T		6,078	-183	-0.75	6,083	-184	-0.72
4MJVC9		6,313	53	0.22	6,238	-29	-0.11
7A78EV	*	5,589	-671	-2.77	5,596	-671	-2.63
7M84DN		6,200	-60	-0.25	6,154	-113	-0.44
7R3X94		6,165	-95	-0.39	6,151	-116	-0.45
7XPMTE		6,506	246	1.01	6,561	294	1.15
8CQEEJ		6,448	187	0.77	6,391	124	0.49
9H8GUK		5,891	-369	-1.52	5,929	-338	-1.33
9PQLKY	*	6,931	670	2.76	6,966	698	2.74
9W8FHG		6,016	-244	-1.01	6,060	-208	-0.82
9Z7M6Y		6,382	122	0.50	6,413	146	0.57
BE69PZ	X	3,788	-2,472	-10.18	3,803	-2,464	-9.67
BGA44W		6,200	-60	-0.25	6,225	-42	-0.16
BUFYJT		6,293	33	0.14	6,259	-8	-0.03
BVAKCJ	X	5,238	-1,023	-4.21	5,297	-970	-3.81
E4QRZP		6,415	155	0.64	6,413	146	0.57
E8P4XB	*	6,390	130	0.53	6,160	-107	-0.42
EB9ZNL		6,524	264	1.09	6,604	337	1.32
FB4XD9		6,370	110	0.45	6,371	104	0.41
FJGW4D		5,970	-291	-1.20	6,041	-227	-0.89
HEZ7VM	*	6,300	40	0.16	6,086	-181	-0.71
J8ENYR		6,577	317	1.31	6,589	322	1.26
JA2CCC		6,425	165	0.68	6,396	128	0.50
JCPLKT		6,318	57	0.24	6,400	133	0.52
JHUKZN		6,342	82	0.34	6,402	135	0.53
KVDNFJ		5,835	-425	-1.75	5,806	-462	-1.81
KZT2G8		6,657	397	1.64	6,733	465	1.83
LNDPKN		5,868	-392	-1.62	5,908	-360	-1.41
MA7XEA		6,221	-40	-0.16	6,106	-162	-0.63
MGRV3W		6,556	295	1.22	6,527	259	1.02
N8Y39C		6,546	285	1.18	6,553	286	1.12
NMMH82		5,982	-278	-1.15	5,942	-325	-1.28
P7V2JV		6,206	-54	-0.22	6,144	-123	-0.48
R3DCHJ		6,257	-4	-0.02	6,296	29	0.11
RNBTVZ		6,356	96	0.39	6,292	24	0.09

WebCode	Data Flag	Sample J43 Lab Mean	Sample J43 Diff from Grand Mean	Sample J43 CPV	Sample J44 Lab Mean	Sample J44 Diff from Grand Mean	Sample J44 CPV
RUFVE8		6,368	108	0.44	6,375	107	0.42
T3PKR6		6,119	-141	-0.58	6,320	52	0.21
TMXHHT		5,836	-424	-1.75	5,906	-361	-1.42
TN8MTW		6,540	280	1.15	6,640	373	1.46
UFQFNC		6,192	-68	-0.28	6,206	-62	-0.24
UXU42X		6,025	-236	-0.97	5,888	-380	-1.49
UZJALU		6,230	-30	-0.12	6,389	122	0.48
WFJYTB		6,184	-76	-0.31	6,184	-83	-0.33
WMFXYQ		6,368	107	0.44	6,416	148	0.58
X6YA6P		6,127	-133	-0.55	6,106	-161	-0.63
XFFX2A		6,099	-161	-0.66	6,206	-61	-0.24
XQYBHT		6,425	165	0.68	6,436	169	0.66
XUVYUU		6,415	154	0.64	6,407	139	0.55
YZ7AQU		6,298	38	0.16	6,421	154	0.60
Z69Z76		6,188	-72	-0.30	6,206	-61	-0.24
Z9PC22		6,216	-45	-0.18	6,201	-67	-0.26

Summary Statistics

	Sample J43	Sample J44
Grand Means	6,260.4 psi	6,267.4 psi
Stnd Dev Btwn Labs	242.7 psi	255.0 psi

Statistics based on 49 of 51 reporting participants

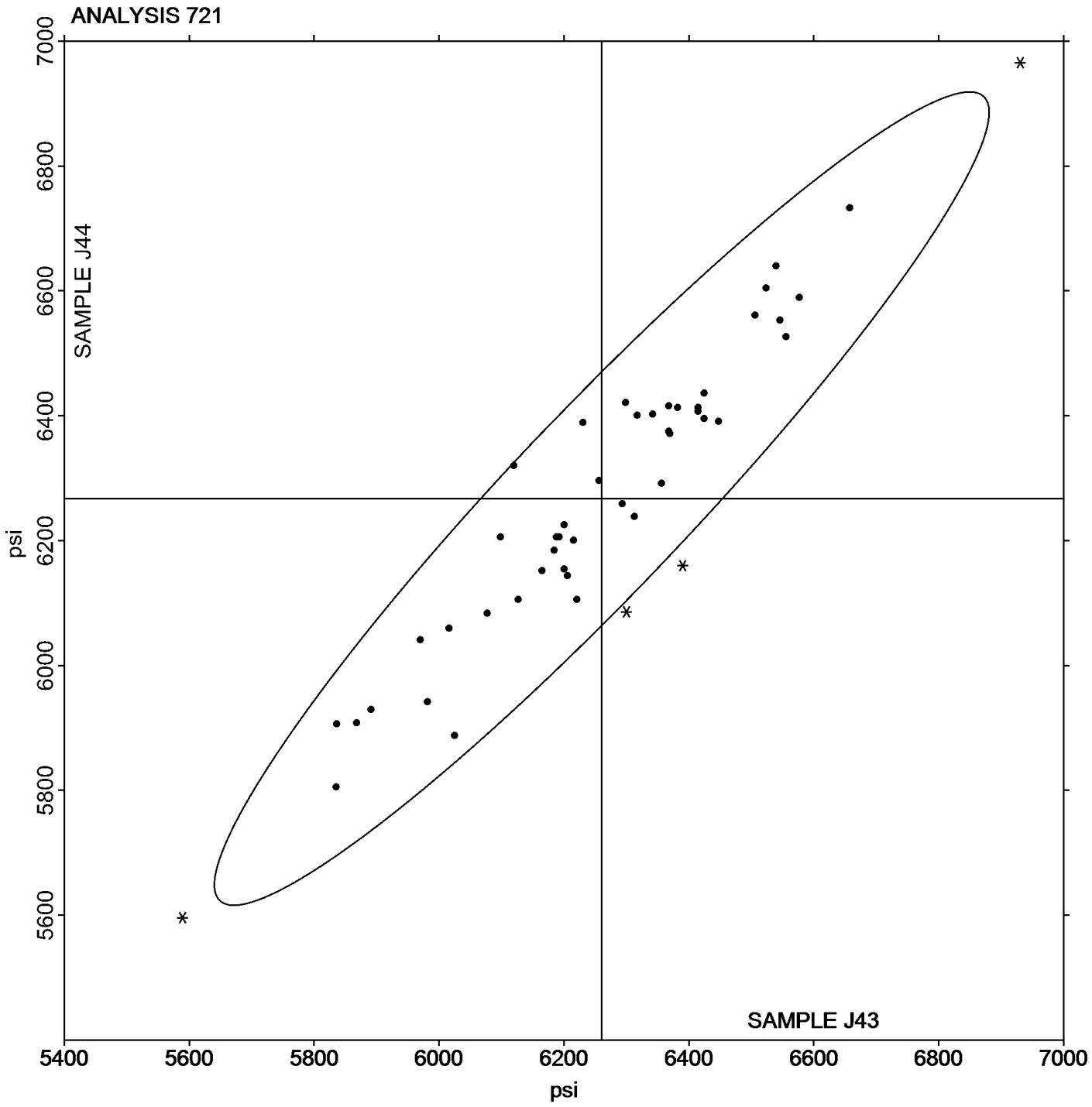
Sample J43: HIPS & Sample J44: HIPS

Comments on Assigned Data Flags for Test #721

BE69PZ (X) - Extreme data.

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

Grand Mean Sample J43: 6,260.39 psi Grand Mean Sample J44: 6,267.40 psi



WebCode	Data Flag	Sample J43 Lab Mean	Sample J43 Diff from Grand Mean	Sample J43 CPV	Sample J44 Lab Mean	Sample J44 Diff from Grand Mean	Sample J44 CPV
388XU4		6,517	241	1.01	6,531	242	0.94
4KUM6T		6,108	-168	-0.70	6,138	-151	-0.59
4MJVC9		6,402	126	0.53	6,330	41	0.16
7A78EV	*	5,598	-678	-2.83	5,601	-688	-2.68
7M84DN		6,318	42	0.18	6,262	-27	-0.11
7R3X94		6,226	-50	-0.21	6,227	-62	-0.24
7XPMTE		6,522	246	1.03	6,534	245	0.95
8CQEEJ		6,483	208	0.87	6,425	136	0.53
9PQLKY	X	7,045	770	3.22	7,227	938	3.65
9W8FHG		6,024	-251	-1.05	6,066	-223	-0.87
BE69PZ	X	3,788	-2,487	-10.39	3,803	-2,486	-9.68
BGA44W		6,260	-16	-0.07	6,284	-6	-0.02
BUFYJT		6,293	18	0.07	6,259	-30	-0.12
BVAKCJ	X	4,872	-1,404	-5.86	4,719	-1,571	-6.12
DQ7RRC		6,206	-70	-0.29	6,281	-8	-0.03
E4QRZP		6,477	202	0.84	6,470	180	0.70
EB9ZNL		6,533	258	1.08	6,612	323	1.26
EGDYWQ		6,146	-130	-0.54	6,172	-117	-0.46
FJGW4D		5,939	-336	-1.40	6,009	-280	-1.09
FLP6BC		6,398	122	0.51	6,501	212	0.83
HEZ7VM	*	6,308	32	0.14	6,096	-193	-0.75
HQ9778		6,460	184	0.77	6,494	205	0.80
JA2CCC		6,448	172	0.72	6,412	122	0.48
JCPLKT		6,322	46	0.19	6,405	116	0.45
JHUKZN		6,390	114	0.48	6,424	135	0.52
KVDNFJ		5,866	-410	-1.71	5,869	-420	-1.64
KZT2G8	*	6,802	527	2.20	7,014	725	2.82
LLN8GH		6,582	307	1.28	6,533	244	0.95
MA7XEA		6,232	-44	-0.18	6,113	-177	-0.69
MGRV3W		6,648	372	1.55	6,629	340	1.32
N8Y39C		6,564	289	1.21	6,602	313	1.22
NMMH82		5,977	-298	-1.25	5,930	-359	-1.40
P7V2JV		6,234	-41	-0.17	6,167	-123	-0.48
PX4GG4		6,121	-155	-0.65	6,121	-169	-0.66
RNBTVZ		6,503	228	0.95	6,432	143	0.56

WebCode	Data Flag	Sample J43 Lab Mean	Sample J43 Diff from Grand Mean	Sample J43 CPV	Sample J44 Lab Mean	Sample J44 Diff from Grand Mean	Sample J44 CPV
RUFVE8	X	73	-6,203	-25.91	73	-6,216	-24.21
T3PKR6		5,987	-289	-1.21	6,122	-167	-0.65
TMXHHT		5,826	-450	-1.88	5,846	-443	-1.73
TN8MTW		6,550	274	1.15	6,652	363	1.41
TQD8GW		6,188	-88	-0.37	6,236	-53	-0.21
UFQFNC		6,213	-63	-0.26	6,246	-44	-0.17
UXU42X		6,032	-244	-1.02	5,914	-375	-1.46
UZJALU		6,224	-51	-0.21	6,439	150	0.58
WFJYTB		6,187	-88	-0.37	6,190	-99	-0.39
X6YA6P		6,110	-165	-0.69	6,091	-198	-0.77
XQYBHT		6,402	127	0.53	6,394	105	0.41
XUVYUU		6,411	135	0.56	6,432	143	0.56
YA3LE8		6,164	-111	-0.47	6,298	9	0.04
Z69Z76		6,200	-76	-0.32	6,210	-79	-0.31
Z9PC22	X	5,106	-1,170	-4.89	5,150	-1,139	-4.44

Summary Statistics

	Sample J43	Sample J44
Grand Means	6,275.6 psi	6,289.2 psi
Stnd Dev Btwn Labs	239.4 psi	256.8 psi

Statistics based on 45 of 50 reporting participants

Sample J43: HIPS & Sample J44: HIPS

Comments on Assigned Data Flags for Test #722

BE69PZ (X) - Extreme data.

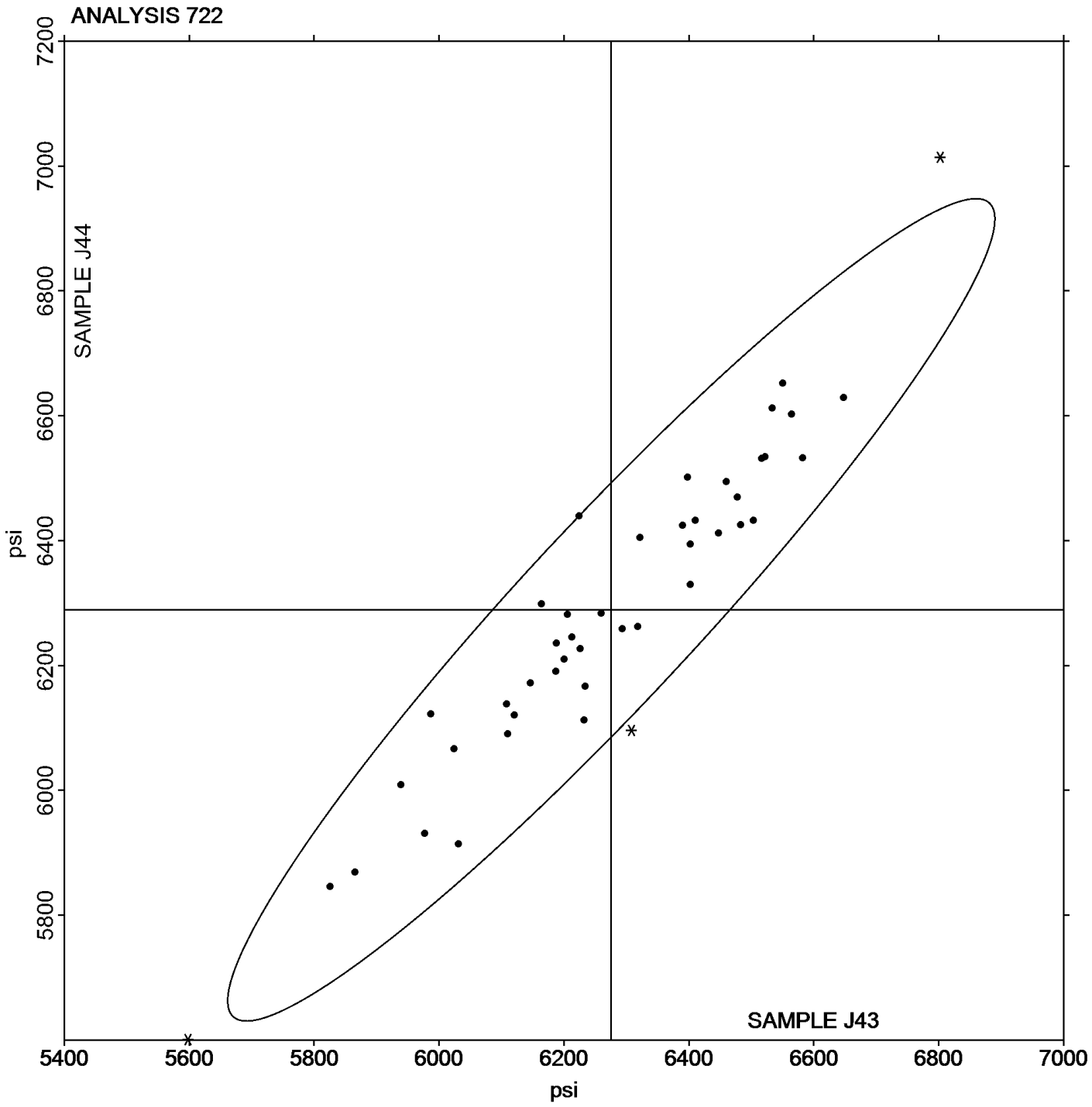
BVAKCJ (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample J43.

9PQLKY (X) - Data for both samples are high. Possible Systematic Error.

RUFVE8 (X) - Extreme data.

Z9PC22 (X) - Data for both samples are low. Possible Systematic Error.

Grand Mean Sample J43: 6,275.61 psi Grand Mean Sample J44: 6,289.22 psi



WebCode	Data Flag	Sample C43 Lab Mean	Sample C43 Diff from Grand Mean	Sample C43 CPV	Sample C44 Lab Mean	Sample C44 Diff from Grand Mean	Sample C44 CPV
23H2QL	*	22.46	-1.87	-2.52	22.40	-1.91	-2.57
23HWDY		23.85	-0.48	-0.65	24.06	-0.25	-0.34
26PECU		24.41	0.08	0.11	24.17	-0.14	-0.19
388XU4		24.59	0.26	0.35	24.43	0.12	0.16
4JHPX4		23.76	-0.58	-0.78	23.67	-0.64	-0.86
6AQNWJ		24.22	-0.11	-0.15	24.11	-0.20	-0.27
6KLZ6Q		24.52	0.19	0.25	24.50	0.19	0.25
7A78EV		24.16	-0.17	-0.23	24.20	-0.11	-0.15
7LTL8X		24.26	-0.08	-0.10	24.14	-0.17	-0.23
92NF4N		23.52	-0.81	-1.09	23.34	-0.97	-1.31
A3RVLE		23.62	-0.71	-0.96	23.36	-0.95	-1.28
AZMZ93		24.84	0.51	0.68	24.96	0.65	0.87
B9BHVA		25.11	0.78	1.05	24.87	0.56	0.75
BUCC4Z		24.39	0.06	0.08	24.45	0.14	0.18
DF4AG9	*	25.51	1.18	1.59	25.09	0.78	1.05
DJNAKV		24.63	0.30	0.40	24.60	0.29	0.39
E4QRZP		23.96	-0.38	-0.51	23.84	-0.47	-0.63
EDBXWU		26.03	1.70	2.29	26.02	1.71	2.30
EGDYWQ		24.24	-0.09	-0.12	24.04	-0.27	-0.37
EHNQ4L	X	23.22	-1.11	-1.50	23.94	-0.37	-0.50
FJGW4D	X	38.96	14.62	19.73	32.19	7.88	10.60
FLP6BC		25.28	0.94	1.27	25.42	1.11	1.50
GZYAYG		25.54	1.21	1.63	25.38	1.07	1.44
JLWFJR	X	29.88	5.55	7.48	29.88	5.57	7.49
KYDXMF		23.36	-0.97	-1.31	23.56	-0.75	-1.01
LVAHXN		23.28	-1.05	-1.42	23.02	-1.29	-1.74
M9V6DF		24.24	-0.09	-0.13	24.16	-0.15	-0.20
MRRGFM		24.58	0.25	0.34	24.63	0.32	0.43
N43AHM		23.75	-0.58	-0.79	23.63	-0.68	-0.92
N8Y39C		25.51	1.17	1.58	25.39	1.08	1.45
NEFDLD		23.61	-0.72	-0.97	23.73	-0.58	-0.78
NEYJK3		23.03	-1.30	-1.76	23.35	-0.96	-1.29
NKKFL8		24.77	0.44	0.59	24.88	0.57	0.76
NVK8TC		24.31	-0.03	-0.03	24.34	0.03	0.04
PG3EZY		22.98	-1.35	-1.83	23.24	-1.07	-1.44

WebCode	Data Flag	Sample C43 Lab Mean	Sample C43 Diff from Grand Mean	Sample C43 CPV	Sample C44 Lab Mean	Sample C44 Diff from Grand Mean	Sample C44 CPV
PTYEZH		25.04	0.71	0.95	24.96	0.65	0.87
Q883WH		24.58	0.25	0.33	24.53	0.22	0.29
QVUW79		25.17	0.83	1.12	25.22	0.91	1.23
R39W4X		24.58	0.25	0.33	24.82	0.51	0.68
RUFVE8		24.04	-0.29	-0.40	23.76	-0.55	-0.74
THGDJX	X	18.04	-6.29	-8.49	18.00	-6.31	-8.49
TJFFEU		24.61	0.28	0.37	24.41	0.10	0.13
TQU3LD	*	25.14	0.81	1.09	25.58	1.27	1.71
TUAWZP		23.90	-0.44	-0.59	23.85	-0.46	-0.62
UFQFNC		24.41	0.07	0.10	24.34	0.03	0.04
UZJALU		24.01	-0.33	-0.44	23.80	-0.51	-0.69
W8PWMT	X	28.22	3.89	5.25	27.45	3.14	4.23
WDBXHC	X	23.95	-0.39	-0.52	24.66	0.35	0.48
WDF7V7	*	24.08	-0.25	-0.34	24.56	0.25	0.34
WECJHY		25.16	0.83	1.12	25.14	0.83	1.12
WFJYTB		23.27	-1.06	-1.43	23.31	-1.00	-1.34
WMFXYQ		24.24	-0.09	-0.13	24.31	0.00	0.00
WPQMH3		24.41	0.07	0.10	24.22	-0.09	-0.12
WVVNGC		23.57	-0.76	-1.03	23.63	-0.68	-0.91
X2VJYB		25.47	1.14	1.54	25.55	1.24	1.67
X6YA6P	X	24.21	-0.12	-0.16	23.24	-1.07	-1.44
XQYBHT		24.39	0.06	0.08	24.37	0.06	0.08
ZNHVZX		24.61	0.27	0.37	24.52	0.21	0.28

Summary Statistics

	Sample C43	Sample C44
Grand Means	24.333 MPa	24.310 MPa
Stnd Dev Btwn Labs	0.741 MPa	0.744 MPa

Statistics based on 51 of 58 reporting participants

Sample C43: HIPS & Sample C44: HIPS

Comments on Assigned Data Flags for Test #730

X6YA6P (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample C43.

W8PWMT (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample C43.

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

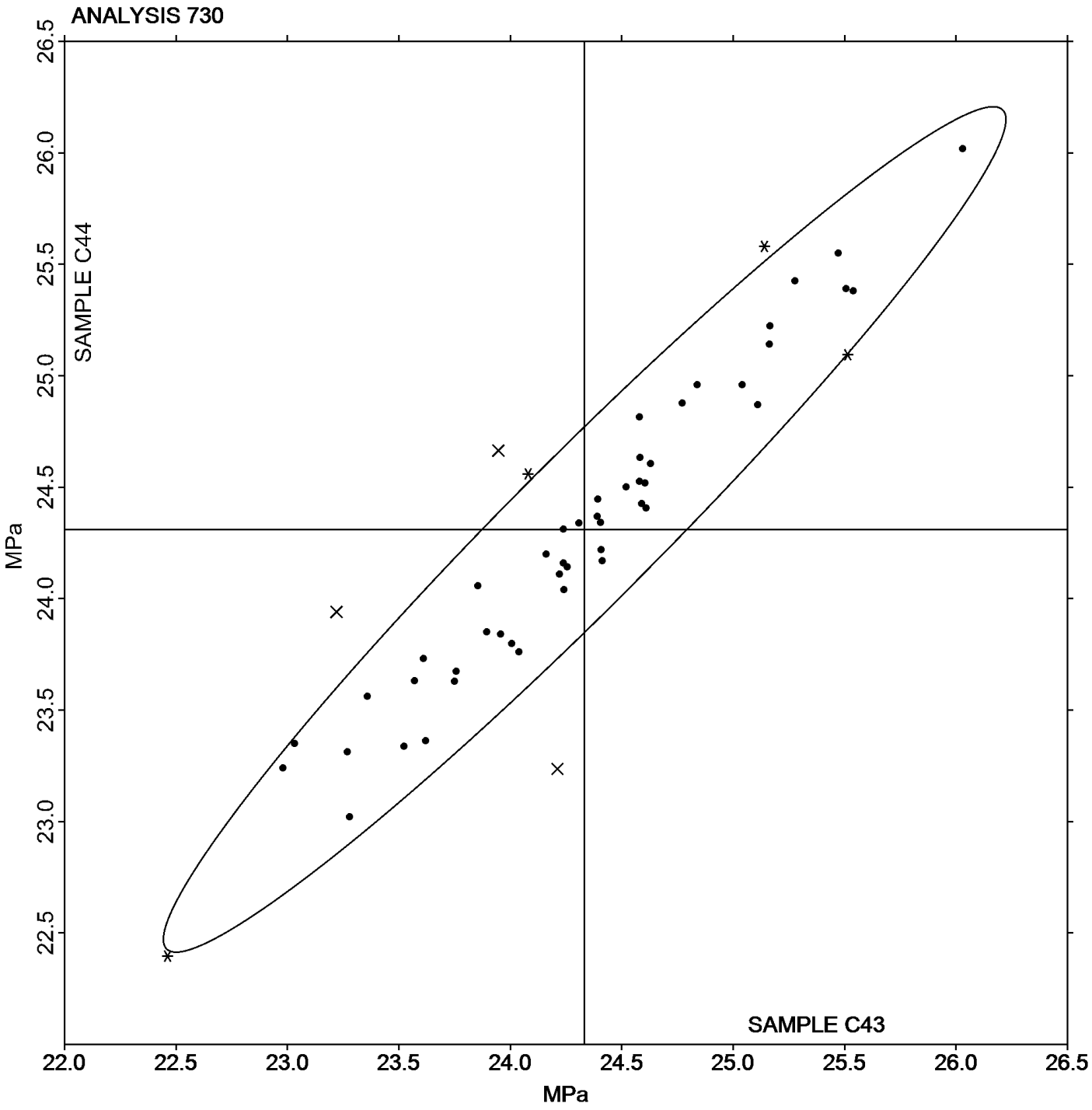
THGDJX (X) - Data for both samples are low. Possible Systematic Error.

FJGW4D (X) - Extreme data.

WDBXHC (X) - Inconsistent in testing between samples.

EHNQ4L (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

Grand Mean Sample C43: 24.333 MPa Grand Mean Sample C44: 24.310 MPa



WebCode	Data Flag	Sample C43 Lab Mean	Sample C43 Diff from Grand Mean	Sample C43 CPV	Sample C44 Lab Mean	Sample C44 Diff from Grand Mean	Sample C44 CPV
23H2QL		19.49	-1.70	-2.18	19.73	-1.40	-1.92
23HWDY		20.43	-0.76	-0.97	20.67	-0.46	-0.63
4JHPX4		20.24	-0.95	-1.22	20.06	-1.07	-1.46
6KLZ6Q		21.36	0.17	0.22	21.24	0.11	0.15
7A78EV		20.88	-0.31	-0.40	21.33	0.20	0.27
7LTL8X		21.11	-0.08	-0.11	20.91	-0.22	-0.30
92NF4N	*	21.35	0.16	0.21	20.39	-0.74	-1.01
A3RVLE		20.70	-0.49	-0.63	20.38	-0.75	-1.03
AZMZ93		21.04	-0.15	-0.19	21.50	0.37	0.51
B9BHVA		22.52	1.33	1.70	22.14	1.02	1.39
BUCC4Z		21.00	-0.19	-0.24	20.70	-0.43	-0.58
DF4AG9		21.48	0.30	0.38	21.05	-0.08	-0.11
DJNAKV		20.97	-0.22	-0.28	21.04	-0.09	-0.13
E4QRZP		20.88	-0.30	-0.39	20.66	-0.47	-0.64
EDBXWU		22.79	1.60	2.06	22.82	1.69	2.31
EGDYWQ		21.13	-0.06	-0.08	21.06	-0.07	-0.10
EHNQ4L		20.18	-1.01	-1.29	20.92	-0.21	-0.29
FLP6BC		21.88	0.69	0.89	22.09	0.96	1.31
GZYAYG		21.88	0.69	0.89	21.66	0.53	0.73
JLWFJR	X	26.40	5.21	6.69	26.52	5.39	7.38
KYDXMF		19.96	-1.23	-1.58	20.04	-1.09	-1.49
M9V6DF	X	33.36	12.17	15.62	32.80	11.67	15.98
MRRGFM		21.15	-0.04	-0.05	21.02	-0.11	-0.15
N43AHM		21.27	0.09	0.11	20.93	-0.20	-0.27
N8Y39C		21.70	0.51	0.66	21.67	0.54	0.74
NEYJK3		19.93	-1.26	-1.61	20.21	-0.92	-1.26
NKKFL8		21.57	0.39	0.49	21.25	0.13	0.17
NVK8TC		21.17	-0.02	-0.03	21.53	0.40	0.55
PG3EZY	*	22.98	1.79	2.30	23.24	2.11	2.89
Q883WH		21.33	0.14	0.18	21.35	0.22	0.31
QVUW79		21.58	0.39	0.50	21.77	0.64	0.88
R39W4X		21.48	0.30	0.38	21.35	0.22	0.31
RUFVE8		21.08	-0.11	-0.14	21.02	-0.11	-0.15
THGDJX	X	15.96	-5.23	-6.71	15.78	-5.35	-7.32
TJFFEU		21.27	0.09	0.11	21.14	0.01	0.02

WebCode	Data Flag	Sample C43 Lab Mean	Sample C43 Diff from Grand Mean	Sample C43 CPV	Sample C44 Lab Mean	Sample C44 Diff from Grand Mean	Sample C44 CPV
TQU3LD		21.90	0.71	0.91	21.98	0.85	1.17
TUAWZP		20.59	-0.60	-0.77	20.46	-0.67	-0.92
UFQFNC		21.45	0.27	0.34	21.29	0.16	0.22
UZJALU		21.03	-0.16	-0.21	20.87	-0.26	-0.35
W8PWMT		22.24	1.05	1.35	21.45	0.32	0.43
WDBXHC		20.71	-0.48	-0.62	21.02	-0.11	-0.15
WDF7V7		19.56	-1.63	-2.09	19.90	-1.23	-1.68
WECJHY		21.91	0.72	0.92	21.98	0.85	1.17
WFJYTB		20.85	-0.33	-0.43	21.04	-0.09	-0.13
WMFXYQ		20.84	-0.35	-0.45	20.34	-0.79	-1.08
WPQMH3		21.50	0.31	0.40	21.13	0.01	0.01
WVVNGC		19.65	-1.54	-1.97	20.12	-1.01	-1.38
X2VJYB		22.14	0.95	1.22	22.48	1.35	1.85
X6YA6P	*	21.81	0.62	0.79	20.79	-0.34	-0.46
XQYBHT		22.04	0.85	1.09	21.50	0.37	0.50
ZNHVZX		21.05	-0.13	-0.17	20.98	-0.15	-0.21

Summary Statistics

	Sample C43	Sample C44
Grand Means	21.189 MPa	21.129 MPa
Stnd Dev Btwn Labs	0.779 MPa	0.730 MPa

Statistics based on 48 of 51 reporting participants

Sample C43: HIPS & Sample C44: HIPS

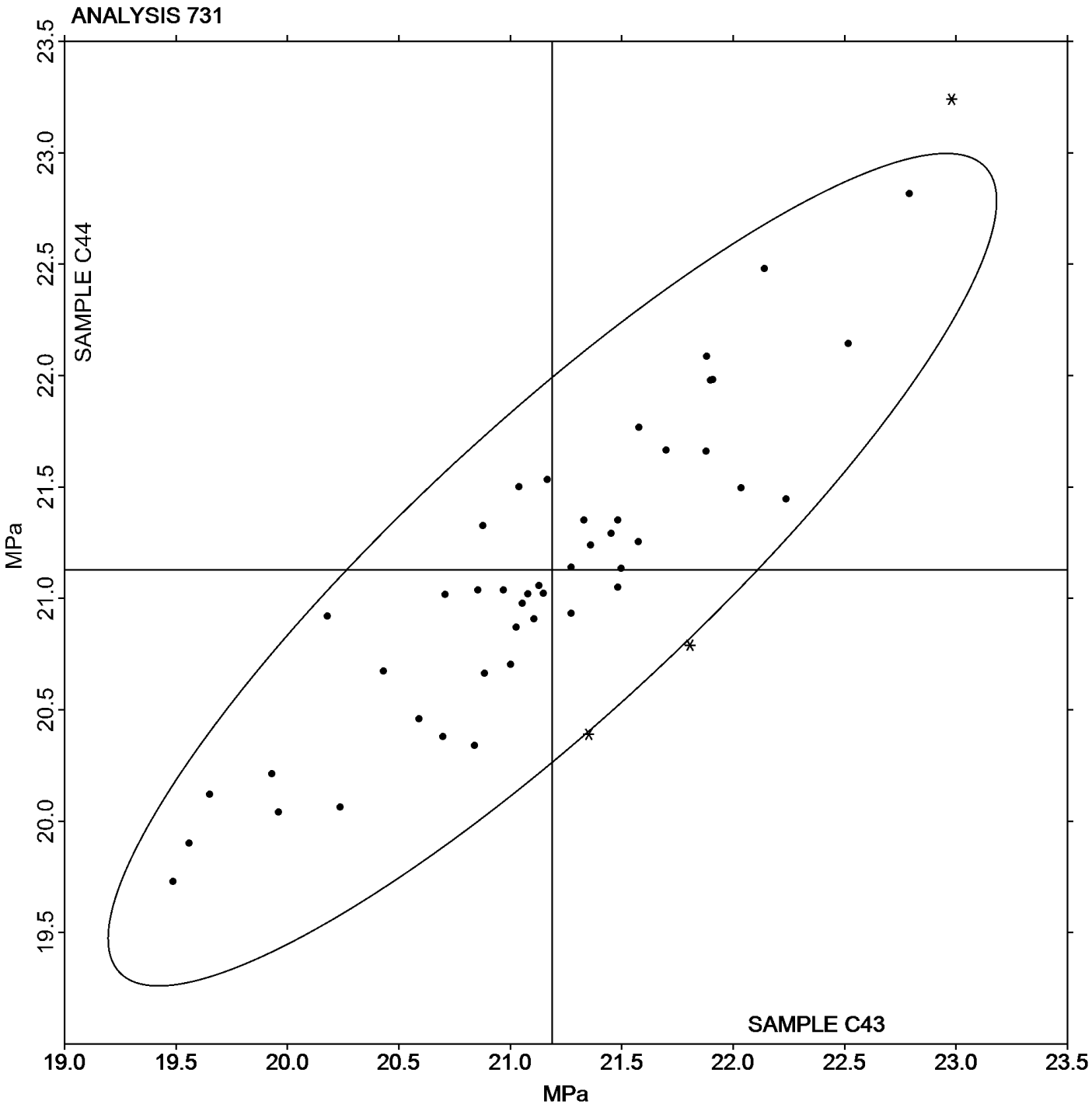
Comments on Assigned Data Flags for Test #731

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

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

M9V6DF (X) - Extreme data.

Grand Mean Sample C43: 21.189 MPa Grand Mean Sample C44: 21.129 MPa



WebCode	Data Flag	Sample C43 Lab Mean	Sample C43 Diff from Grand Mean	Sample C43 CPV	Sample C44 Lab Mean	Sample C44 Diff from Grand Mean	Sample C44 CPV
23H2QL		1.300	0.047	0.88	1.262	0.010	0.18
23HWDY		1.194	-0.059	-1.11	1.218	-0.034	-0.62
26PECU		1.250	-0.003	-0.06	1.238	-0.014	-0.26
388XU4		1.258	0.005	0.09	1.222	-0.030	-0.55
4JHPX4		1.328	0.075	1.41	1.341	0.089	1.62
6AQNWJ		1.330	0.077	1.44	1.338	0.085	1.56
6KLZ6Q		1.254	0.001	0.02	1.262	0.010	0.18
7A78EV		1.312	0.059	1.11	1.332	0.080	1.46
7LTL8X		1.254	0.001	0.02	1.258	0.006	0.11
92NF4N		1.282	0.029	0.54	1.268	0.016	0.29
A3RVLE	X	1.280	0.027	0.51	1.138	-0.114	-2.08
AZMZ93		1.268	0.015	0.28	1.270	0.018	0.33
B9BHVA	X	0.542	-0.711	-13.33	0.500	-0.752	-13.71
BUCC4Z		1.254	0.001	0.02	1.262	0.010	0.18
DF4AG9		1.292	0.039	0.73	1.272	0.020	0.36
DJNAKV		1.184	-0.069	-1.29	1.186	-0.066	-1.20
E4QRZP		1.206	-0.047	-0.88	1.200	-0.052	-0.95
EDBXWU		1.312	0.059	1.11	1.320	0.068	1.24
EGDYWQ	X	1.604	0.351	6.58	1.541	0.289	5.27
EHNQ4L		1.324	0.071	1.33	1.362	0.110	2.01
FJGW4D	X	3.320	2.067	38.75	2.986	1.734	31.62
GZYAYG		1.280	0.027	0.51	1.260	0.008	0.15
JLWFJR	X	1.580	0.327	6.13	1.580	0.328	5.98
KYDXMF		1.200	-0.053	-0.99	1.220	-0.032	-0.58
M9V6DF	*	1.394	0.141	2.64	1.384	0.132	2.41
MRRGFM		1.245	-0.008	-0.14	1.249	-0.003	-0.05
N43AHM		1.206	-0.047	-0.88	1.206	-0.046	-0.84
N8Y39C		1.284	0.031	0.58	1.268	0.016	0.29
NEYJK3		1.208	-0.045	-0.84	1.232	-0.020	-0.37
NKKFL8		1.330	0.077	1.44	1.346	0.094	1.71
NVK8TC		1.206	-0.047	-0.88	1.206	-0.046	-0.84
PG3EZY		1.230	-0.023	-0.43	1.234	-0.018	-0.33
Q883WH		1.264	0.011	0.21	1.276	0.024	0.44
QVUW79		1.260	0.007	0.13	1.234	-0.018	-0.33
R39W4X		1.226	-0.027	-0.51	1.250	-0.002	-0.04

WebCode	Data Flag	Sample C43 Lab Mean	Sample C43 Diff from Grand Mean	Sample C43 CPV	Sample C44 Lab Mean	Sample C44 Diff from Grand Mean	Sample C44 CPV
RUFVE8	X	1.560	0.307	5.76	1.600	0.348	6.35
THGDJX		1.260	0.007	0.13	1.280	0.028	0.51
TJFFEU		1.276	0.023	0.43	1.250	-0.002	-0.04
TQU3LD		1.268	0.015	0.28	1.296	0.044	0.80
TUAWZP		1.210	-0.043	-0.81	1.178	-0.074	-1.35
UFQFNC		1.277	0.024	0.44	1.252	0.000	0.01
UZJALU		1.206	-0.047	-0.88	1.186	-0.066	-1.20
W8PWMT	X	1.608	0.355	6.66	1.564	0.312	5.69
WDBXHC		1.162	-0.091	-1.70	1.182	-0.070	-1.28
WECJHY		1.208	-0.045	-0.84	1.198	-0.054	-0.99
WFJYTB	*	1.098	-0.155	-2.90	1.100	-0.152	-2.77
WMFXYQ		1.242	-0.011	-0.21	1.248	-0.004	-0.07
WPQMH3	X	0.894	-0.359	-6.73	0.962	-0.290	-5.29
WVVNGC		1.194	-0.059	-1.11	1.220	-0.032	-0.58
X2VJYB		1.294	0.041	0.77	1.298	0.046	0.84
X6YA6P		1.272	0.019	0.36	1.224	-0.028	-0.51
XQYBHT		1.206	-0.047	-0.88	1.202	-0.050	-0.91
ZNHVZX		1.274	0.021	0.39	1.252	0.000	0.00

Summary Statistics

	Sample C43	Sample C44
Grand Means	1.2529 Percent	1.2520 Percent
Stnd Dev Btwn Labs	0.0533 Percent	0.0548 Percent

Statistics based on 45 of 53 reporting participants

Sample C43: HIPS & Sample C44: HIPS

Comments on Assigned Data Flags for Test #732

W8PWMT (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of both samples.

EGDYWQ (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample C43.

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

A3RVLE (X) - Inconsistent in testing between samples. Inconsistent within the determinations of both samples.

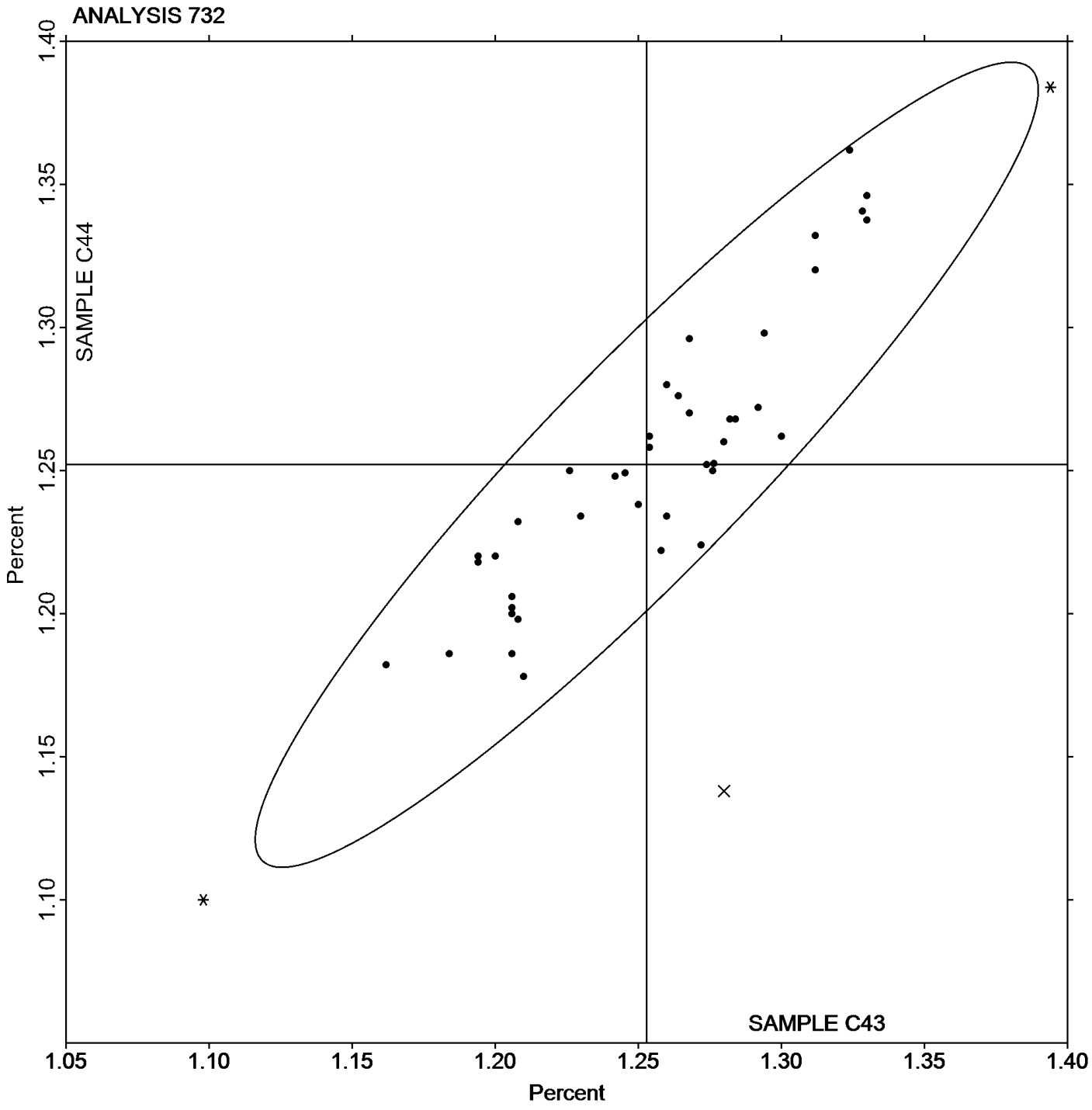
FJGW4D (X) - Extreme data.

B9BHVA (X) - Extreme data.

WPQMH3 (X) - Data for both samples are low. Possible Systematic Error. Inconsistent within the determinations of sample C44.

RUFVE8 (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample C44.

Grand Mean Sample C43: 1.2529 Percent Grand Mean Sample C44: 1.2520 Percent



WebCode	Data Flag	Sample C43 Lab Mean	Sample C43 Diff from Grand Mean	Sample C43 CPV	Sample C44 Lab Mean	Sample C44 Diff from Grand Mean	Sample C44 CPV
23H2QL	*	1,997	-230	-2.69	2,048	-188	-2.01
23HWDY		2,277	50	0.58	2,346	110	1.18
26PECU		2,298	71	0.83	2,334	98	1.05
4JHPX4	X	2,031	-196	-2.29	2,126	-110	-1.17
6AQNWJ		2,087	-140	-1.63	2,073	-163	-1.74
6KLZ6Q		2,137	-90	-1.05	2,131	-105	-1.12
7A78EV		2,096	-131	-1.53	2,115	-121	-1.29
7LTL8X		2,193	-34	-0.40	2,198	-38	-0.41
92NF4N		2,155	-72	-0.84	2,191	-45	-0.48
A3RVLE		2,118	-109	-1.27	2,128	-108	-1.16
AZMZ93		2,214	-13	-0.15	2,212	-24	-0.26
B9BHVA	X	2,389	161	1.89	2,212	-24	-0.26
BUCC4Z		2,173	-54	-0.64	2,165	-71	-0.76
DF4AG9		2,380	153	1.79	2,376	140	1.49
DJNAKV		2,326	99	1.15	2,327	91	0.97
E4QRZP		2,207	-20	-0.23	2,187	-49	-0.53
EDBXWU		2,378	150	1.76	2,415	179	1.91
EGDYWQ		2,248	20	0.24	2,266	30	0.32
EHNQ4L		2,205	-22	-0.26	2,198	-38	-0.41
FJGW4D	X	2,255	28	0.33	1,866	-370	-3.95
FLP6BC		2,207	-20	-0.24	2,215	-21	-0.23
GZYAYG		2,242	15	0.17	2,218	-18	-0.19
JLWFJR	X	2,330	103	1.20	2,184	-52	-0.56
KYDXMF		2,323	96	1.12	2,359	123	1.31
M9V6DF		2,300	73	0.85	2,304	68	0.73
MRRGFM		2,206	-21	-0.25	2,198	-38	-0.40
N8Y39C		2,299	72	0.84	2,272	36	0.39
NEYJK3		2,141	-86	-1.01	2,105	-131	-1.40
NKKFL8		2,145	-82	-0.96	2,131	-105	-1.12
NVK8TC		2,111	-116	-1.35	2,109	-127	-1.36
PTYEZH		2,372	145	1.69	2,364	128	1.37
Q883WH		2,253	26	0.30	2,234	-2	-0.02
QVUW79		2,221	-6	-0.07	2,232	-4	-0.04
R39W4X		2,249	22	0.26	2,258	22	0.23
RUFVE8		2,299	72	0.84	2,360	124	1.33

WebCode	Data Flag	Sample C43 Lab Mean	Sample C43 Diff from Grand Mean	Sample C43 CPV	Sample C44 Lab Mean	Sample C44 Diff from Grand Mean	Sample C44 CPV
THGDJX	X	1,778	-449	-5.25	1,786	-450	-4.81
TJFFEU		2,232	5	0.06	2,273	37	0.39
TN8MTW	*	2,307	79	0.93	2,399	163	1.74
TQU3LD		2,310	83	0.97	2,290	54	0.58
TUAWZP	X	1,814	-414	-4.84	1,823	-413	-4.42
UFQFNC		2,353	126	1.47	2,360	124	1.33
UZJALU		2,283	56	0.65	2,258	22	0.24
W8PWMT		2,253	26	0.31	2,291	55	0.59
WDBXHC		2,223	-5	-0.05	2,198	-38	-0.41
WDF7V7		2,178	-49	-0.57	2,200	-36	-0.38
WECJHY		2,102	-125	-1.46	2,142	-94	-1.01
WFJYTB		2,190	-37	-0.43	2,194	-42	-0.45
WMFXYQ		2,187	-40	-0.47	2,223	-13	-0.13
WPQMH3		2,223	-4	-0.05	2,229	-7	-0.07
WVVNGC	X	2,562	335	3.91	2,381	145	1.55
X2VJYB		2,368	140	1.64	2,403	167	1.78
X6YA6P	*	2,202	-25	-0.29	2,119	-117	-1.25
XQYBHT		2,236	9	0.10	2,260	24	0.25
ZNHVZX		2,173	-54	-0.63	2,185	-51	-0.55

Summary Statistics

	Sample C43	Sample C44
Grand Means	2,227.2 MPa	2,236.0 MPa
Stnd Dev Btwn Labs	85.5 MPa	93.5 MPa

Statistics based on 47 of 54 reporting participants

Sample C43: HIPS & Sample C44: HIPS

Comments on Assigned Data Flags for Test #734

4JHPX4 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample C43.

JLWFJR (X) - Inconsistent in testing between samples.

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

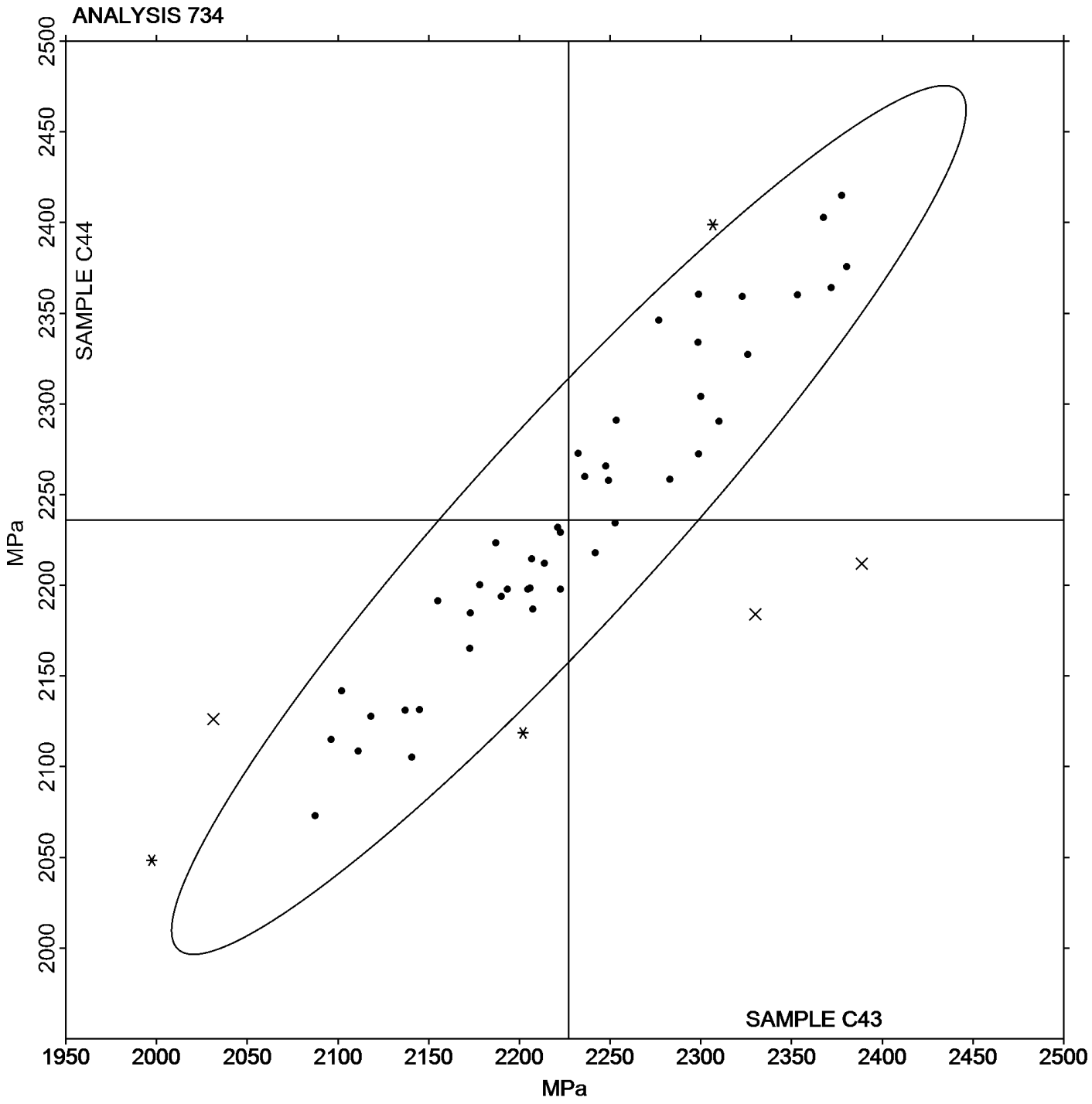
FJGW4D (X) - Inconsistent in testing between samples, data for Sample C44 are low.

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

B9BHVA (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample C43.

WVVNGC (X) - Data for sample C43 are high. Inconsistent within the determinations of both samples.

Grand Mean Sample C43: 2,227.22 MPa Grand Mean Sample C44: 2,236.00 MPa



WebCode	Data Flag	Sample K43 Lab Mean	Sample K43 Diff from Grand Mean	Sample K43 CPV	Sample K44 Lab Mean	Sample K44 Diff from Grand Mean	Sample K44 CPV
23HWDY		2,197	-46	-0.41	1,828	-23	-0.27
26PECU		2,304	61	0.55	1,911	60	0.69
388XU4		2,256	13	0.12	1,833	-18	-0.21
39JUZ8		2,015	-228	-2.07	1,690	-161	-1.85
4JHPX4		2,137	-106	-0.96	1,799	-52	-0.60
6AQNWJ		2,143	-100	-0.90	1,761	-90	-1.04
6KLZ6Q		2,332	89	0.81	1,907	56	0.65
7A78EV		2,226	-17	-0.15	1,874	23	0.26
7Q7KMW		2,144	-99	-0.90	1,799	-52	-0.60
92NF4N		2,265	22	0.20	1,897	46	0.53
A3RVLE		2,188	-55	-0.50	1,738	-113	-1.31
AZMZ93		2,308	65	0.59	1,865	14	0.16
B9BHVA		2,361	118	1.07	1,962	111	1.28
BUCC4Z		2,280	37	0.33	1,857	6	0.07
DJNAKV		2,491	248	2.25	2,036	185	2.14
E4QRZP		2,255	12	0.11	1,860	9	0.10
EDBXWU		2,446	203	1.84	1,960	109	1.26
EGDYWQ		2,158	-85	-0.77	1,764	-87	-1.00
EHNQ4L		2,140	-103	-0.94	1,718	-133	-1.54
FJGW4D		2,255	12	0.11	1,866	15	0.18
FLP6BC		2,288	45	0.41	1,898	47	0.55
GZYAYG		2,300	57	0.51	1,862	11	0.13
JLWFJR		2,332	89	0.81	1,948	97	1.12
MRRGFM		2,124	-120	-1.08	1,797	-54	-0.63
N43AHM		2,095	-148	-1.34	1,746	-105	-1.21
N8Y39C		2,466	223	2.02	1,998	147	1.70
NEYJK3	X	1,926	-317	-2.87	1,850	-1	-0.01
NKKFL8		2,303	60	0.54	1,898	47	0.54
NVK8TC		2,307	64	0.58	1,910	59	0.68
R39W4X		2,254	11	0.10	1,828	-23	-0.27
RUFVE8		2,207	-36	-0.33	1,892	41	0.47
TJFFEU		2,178	-65	-0.59	1,803	-48	-0.55
TN8MTW	*	2,493	250	2.26	2,098	247	2.84
TQU3LD		2,079	-164	-1.49	1,722	-129	-1.49
UFQFNC		2,245	2	0.02	1,845	-6	-0.07

WebCode	Data Flag	Sample K43 Lab Mean	Sample K43 Diff from Grand Mean	Sample K43 CPV	Sample K44 Lab Mean	Sample K44 Diff from Grand Mean	Sample K44 CPV
UZJALU		2,099	-144	-1.31	1,723	-128	-1.48
W8PWMT		2,188	-56	-0.50	1,758	-93	-1.07
WDBXHC		2,046	-197	-1.79	1,722	-129	-1.49
WDF7V7		2,251	8	0.07	1,837	-14	-0.16
WECJHY		2,368	125	1.13	1,937	86	0.99
WFJYTB		2,204	-39	-0.35	1,823	-28	-0.32
WMFXYQ		2,214	-29	-0.26	1,872	21	0.24
WPQMH3		2,204	-39	-0.35	1,844	-7	-0.08
X2VJYB		2,382	139	1.26	1,923	72	0.83
X6YA6P		2,186	-57	-0.52	1,834	-17	-0.20
XQYBHT		2,245	2	0.01	1,860	9	0.10
ZNHVZX		2,222	-21	-0.19	1,845	-6	-0.07

Summary Statistics

	Sample K43	Sample K44
Grand Means	2,243.1 MPa	1,850.9 MPa
Stnd Dev Btwn Labs	110.4 MPa	86.7 MPa

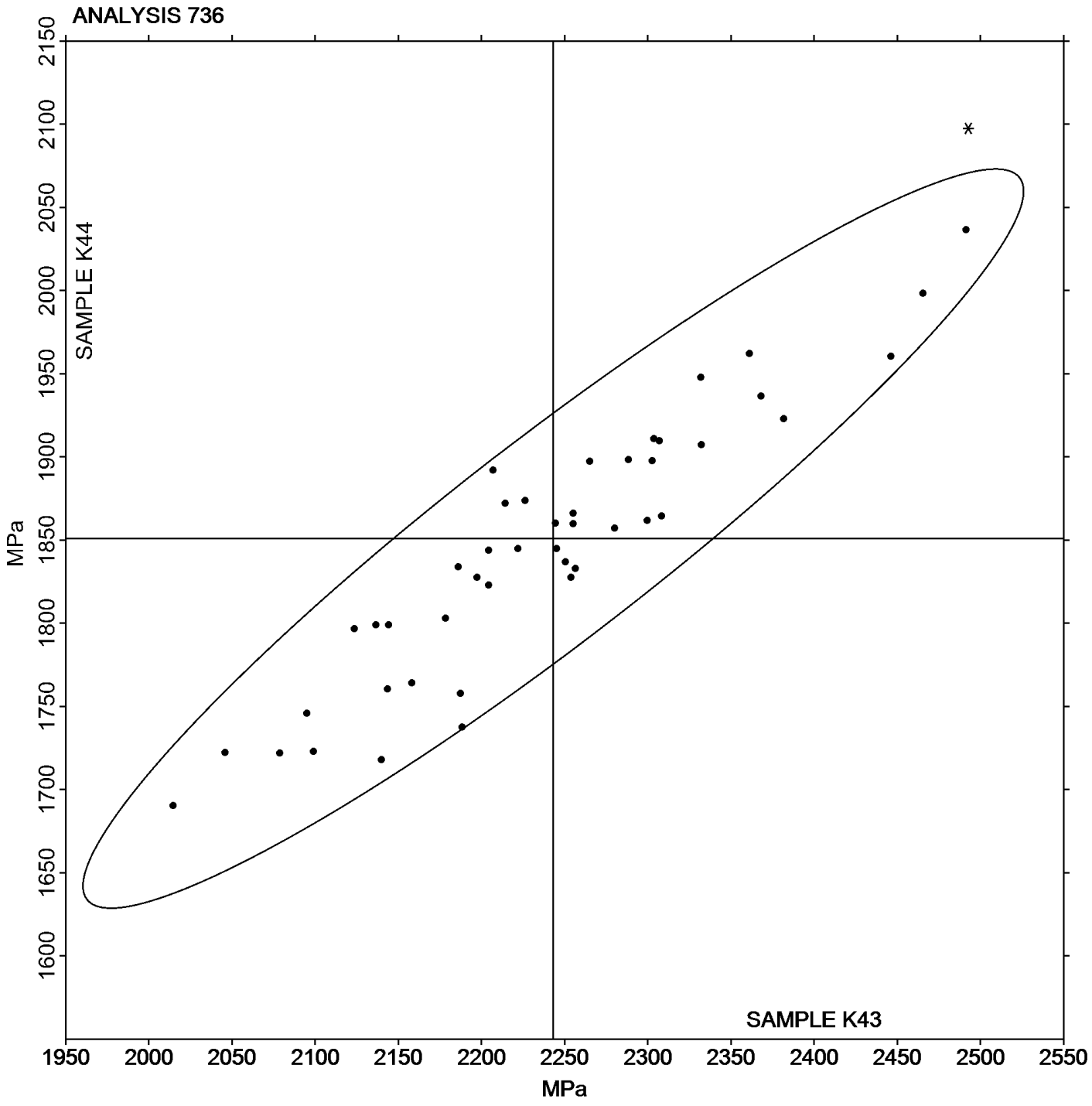
Statistics based on 46 of 47 reporting participants

Sample K43: HIPS & Sample K44: HIPS

Comments on Assigned Data Flags for Test #736

NEYJK3 (X) - Data for sample K43 are low. Inconsistent within the determinations of sample K43.

Grand Mean Sample K43: 2,243.08 MPa Grand Mean Sample K44: 1,850.95 MPa



WebCode	Data Flag	Sample K43 Lab Mean	Sample K43 Diff from Grand Mean	Sample K43 CPV	Sample K44 Lab Mean	Sample K44 Diff from Grand Mean	Sample K44 CPV
23HWDY		39.75	-1.19	-0.67	32.88	-1.09	-0.77
26PECU	X	32.84	-8.10	-4.55	25.77	-8.20	-5.79
39JUZ8		37.18	-3.76	-2.11	31.02	-2.95	-2.08
4JHPX4		39.46	-1.47	-0.83	33.01	-0.96	-0.68
6KLZ6Q		42.07	1.14	0.64	34.89	0.92	0.65
7A78EV		40.87	-0.06	-0.04	34.08	0.12	0.08
7Q7KMW		39.17	-1.77	-0.99	32.95	-1.02	-0.72
92NF4N		40.10	-0.84	-0.47	33.60	-0.37	-0.26
A3RVLE		41.08	0.14	0.08	34.07	0.10	0.07
AZMZ93		42.21	1.28	0.72	34.82	0.85	0.60
B9BHVA		39.86	-1.07	-0.60	33.42	-0.55	-0.39
BUCC4Z		41.13	0.19	0.11	34.13	0.17	0.12
DJNAKV		44.41	3.47	1.95	36.65	2.68	1.90
E4QRZP		40.99	0.05	0.03	33.89	-0.08	-0.06
EDBXWU		44.91	3.97	2.23	36.99	3.02	2.13
EGDYWQ		41.38	0.44	0.25	34.04	0.07	0.05
EHNQ4L		39.62	-1.32	-0.74	32.42	-1.55	-1.09
FJGW4D		39.12	-1.82	-1.02	32.60	-1.37	-0.97
GZYAYG		39.88	-1.06	-0.59	32.56	-1.41	-0.99
JLWFJR		41.68	0.74	0.42	34.79	0.82	0.58
MRRGFM		40.89	-0.05	-0.03	34.45	0.48	0.34
N43AHM		39.76	-1.17	-0.66	33.15	-0.81	-0.58
N8Y39C		43.14	2.20	1.24	35.32	1.35	0.95
NEYJK3		40.65	-0.28	-0.16	34.00	0.04	0.03
NKKFL8		39.25	-1.69	-0.95	31.81	-2.16	-1.52
NVK8TC		40.85	-0.08	-0.05	33.89	-0.08	-0.06
PTYEZH		45.02	4.08	2.30	37.12	3.15	2.23
R39W4X		40.87	-0.07	-0.04	33.29	-0.68	-0.48
RUFVE8		39.14	-1.80	-1.01	32.74	-1.23	-0.87
TJFFEU		39.64	-1.30	-0.73	33.14	-0.83	-0.59
TN8MTW	*	44.06	3.12	1.76	37.30	3.34	2.36
TQU3LD		39.94	-1.00	-0.56	33.70	-0.27	-0.19
UFQFNC		40.41	-0.53	-0.30	33.34	-0.63	-0.45
UZJALU		40.04	-0.89	-0.50	33.45	-0.52	-0.37
W8PWMT		39.62	-1.32	-0.74	32.19	-1.78	-1.26

WebCode	Data Flag	Sample K43 Lab Mean	Sample K43 Diff from Grand Mean	Sample K43 CPV	Sample K44 Lab Mean	Sample K44 Diff from Grand Mean	Sample K44 CPV
WDBXHC	X	5.51	-35.42	-19.91	4.57	-29.40	-20.78
WDF7V7	X	36.66	-4.28	-2.40	29.28	-4.69	-3.31
WECJHY		43.16	2.23	1.25	35.56	1.60	1.13
WFJYTB		41.22	0.28	0.16	34.32	0.35	0.25
WMFXYQ		40.18	-0.75	-0.42	34.04	0.07	0.05
WPQMH3		39.68	-1.25	-0.70	33.52	-0.44	-0.31
X2VJYB	*	44.52	3.58	2.02	35.99	2.02	1.43
X6YA6P		39.38	-1.56	-0.88	32.83	-1.14	-0.81
XQYBHT		42.47	1.54	0.86	35.18	1.21	0.86
ZNHVZX		40.53	-0.40	-0.23	33.51	-0.46	-0.32

Summary Statistics

	Sample K43	Sample K44
Grand Means	40.935 MPa	33.968 MPa
Stnd Dev Btwn Labs	1.779 MPa	1.415 MPa

Statistics based on 42 of 45 reporting participants

Sample K43: HIPS & Sample K44: HIPS

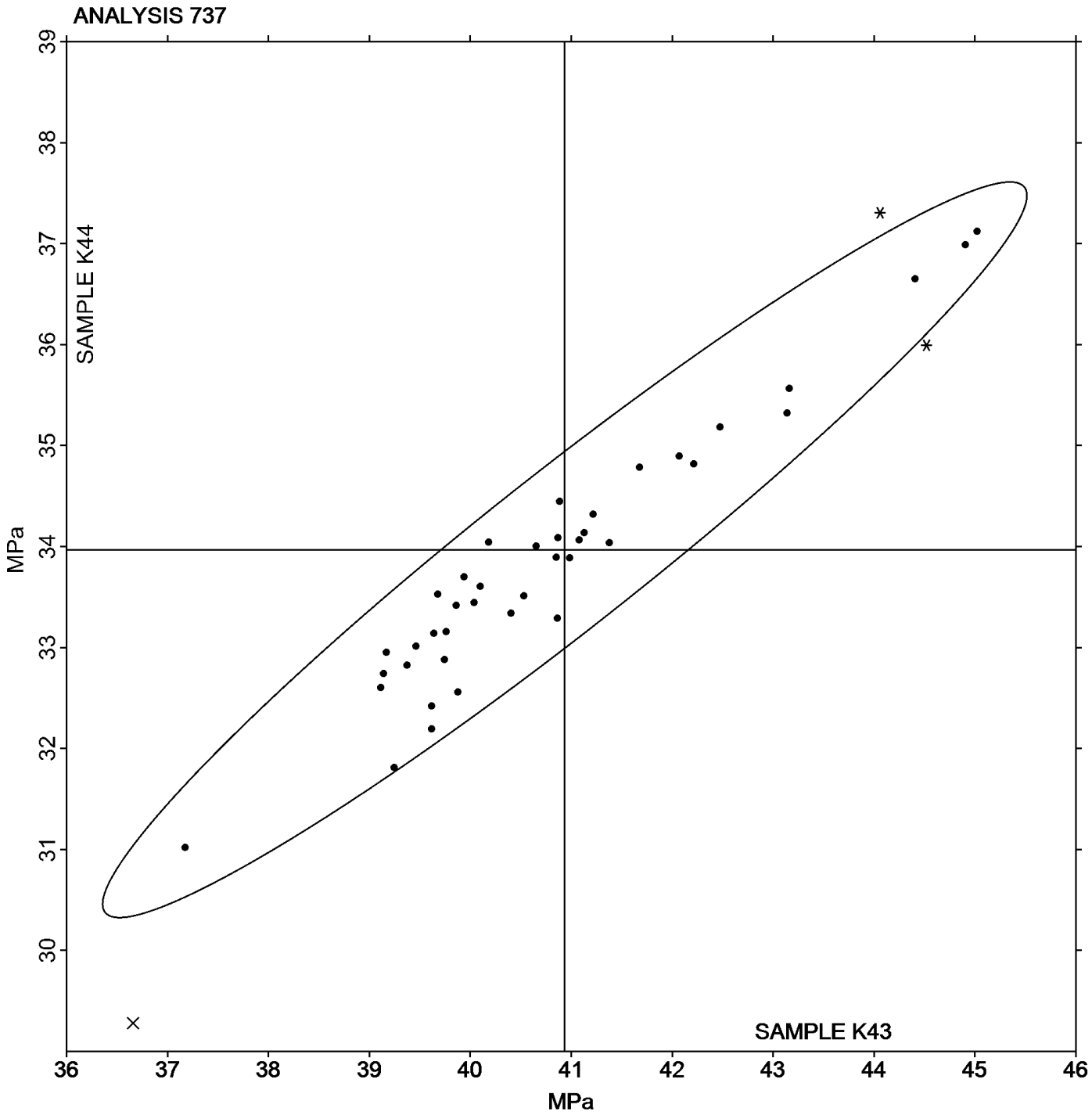
Comments on Assigned Data Flags for Test #737

26PECU (X) - Data for both samples are low.

WDF7V7 (X) - Data for sample K44 are low.

WDBXHC (X) - Extreme data.

Grand Mean Sample K43: 40.935 MPa Grand Mean Sample K44: 33.968 MPa



WebCode	Data Flag	Sample K43 Lab Mean	Sample K43 Diff from Grand Mean	Sample K43 CPV	Sample K44 Lab Mean	Sample K44 Diff from Grand Mean	Sample K44 CPV
23HWDY		40.40	-0.91	-0.60	32.88	-0.94	-0.83
26PECU	X	33.18	-8.12	-5.37	25.80	-8.01	-7.08
388XU4	X	43.38	2.07	1.37	33.82	0.00	0.00
39JUZ8		37.63	-3.68	-2.43	31.10	-2.71	-2.40
7A78EV		41.75	0.44	0.29	34.26	0.45	0.40
7Q7KMW		40.12	-1.19	-0.79	33.22	-0.59	-0.52
92NF4N		40.10	-1.21	-0.80	33.60	-0.21	-0.19
A3RVLE		42.13	0.82	0.54	34.39	0.58	0.51
AZMZ93		42.75	1.44	0.95	34.90	1.09	0.96
B9BHVA		40.49	-0.82	-0.54	33.51	-0.31	-0.27
BUCC4Z		41.97	0.66	0.43	34.32	0.51	0.45
DJNAKV		45.10	3.79	2.50	36.73	2.92	2.58
E4QRZP		41.87	0.56	0.37	34.01	0.20	0.18
EGDYWQ		42.29	0.98	0.65	34.20	0.39	0.35
EHNQ4L		40.08	-1.23	-0.81	32.56	-1.25	-1.11
FJGW4D		38.96	-2.35	-1.55	32.19	-1.62	-1.43
FLP6BC		41.93	0.63	0.41	34.71	0.90	0.79
GZYAYG		40.24	-1.07	-0.71	32.60	-1.21	-1.07
JLWFJR		42.50	1.20	0.79	34.81	0.99	0.88
N43AHM		40.60	-0.71	-0.47	33.33	-0.49	-0.43
N8Y39C		44.14	2.83	1.87	35.42	1.61	1.42
NEYJK3		41.28	-0.03	-0.02	33.24	-0.57	-0.51
NVK8TC		41.58	0.27	0.18	33.90	0.09	0.08
RUFVE8	X	2,251.04	2,209.73	1,459.90	1,891.90	1,858.09	1,642.78
TJFFEU		40.44	-0.87	-0.57	33.26	-0.55	-0.49
TQU3LD		40.80	-0.51	-0.34	33.76	-0.05	-0.05
UFQFNC		40.60	-0.71	-0.47	33.37	-0.44	-0.39
UZJALU		41.00	-0.31	-0.21	33.78	-0.03	-0.03
W8PWMT		40.20	-1.11	-0.73	32.31	-1.50	-1.33
WDBXHC		41.48	0.17	0.11	33.56	-0.25	-0.22
WECJHY		43.72	2.41	1.59	35.87	2.06	1.82
WFJYTB		42.02	0.71	0.47	34.48	0.67	0.59
WPQMH3		40.14	-1.17	-0.77	33.64	-0.17	-0.15
X6YA6P		40.09	-1.22	-0.81	32.87	-0.94	-0.83
XQYBHT		43.70	2.39	1.58	35.37	1.56	1.38

WebCode	Data Flag	Sample K43 Lab Mean	Sample K43 Diff from Grand Mean	Sample K43 CPV	Sample K44 Lab Mean	Sample K44 Diff from Grand Mean	Sample K44 CPV
ZNHVZX		41.10	-0.21	-0.14	33.62	-0.19	-0.17

Summary Statistics

	Sample K43	Sample K44
Grand Means	41.309 MPa	33.811 MPa
Stnd Dev Btwn Labs	1.514 MPa	1.131 MPa

Statistics based on 33 of 36 reporting participants

Sample K43: HIPS & Sample K44: HIPS

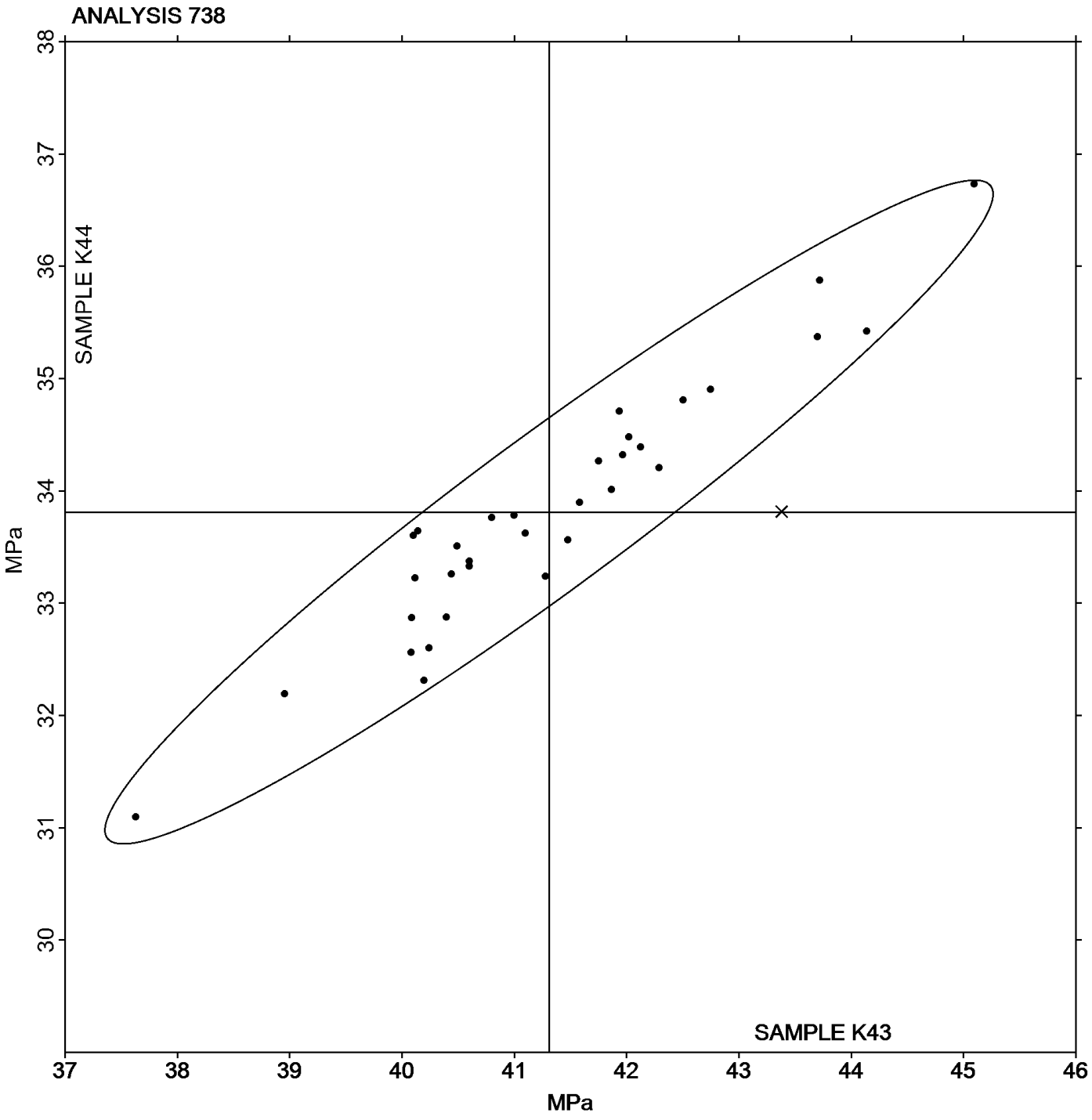
Comments on Assigned Data Flags for Test #738

26PECU (X) - Data for both samples are low.

388XU4 (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample K43.

RUFVE8 (X) - Extreme data.

Grand Mean Sample K43: 41.309 MPa Grand Mean Sample K44: 33.811 MPa



WebCode	Data Flag	Sample X43 Lab Mean	Sample X43 Diff from Grand Mean	Sample X43 CPV	Sample X44 Lab Mean	Sample X44 Diff from Grand Mean	Sample X44 CPV	Instr Code
2K3RPL		15.48	0.55	0.55	15.51	0.44	0.48	TO
388XU4		14.74	-0.20	-0.20	14.51	-0.56	-0.60	TO
39JUZ8		14.98	0.05	0.05	14.53	-0.54	-0.58	DY
3JPDZQ		16.20	1.27	1.29	16.05	0.98	1.06	TO
3ULG77		15.00	0.07	0.07	15.65	0.58	0.63	DY
4ELW49		14.75	-0.18	-0.18	14.85	-0.22	-0.24	TO
4FZPF3	*	16.71	1.77	1.80	15.33	0.26	0.28	DY
4KUM6T		14.85	-0.08	-0.08	14.45	-0.62	-0.67	TO
6KLZ6Q		15.00	0.06	0.07	14.28	-0.79	-0.85	DY
74BM3Y		15.14	0.20	0.21	13.85	-1.22	-1.32	TO
7A78EV	X	13.91	-1.02	-1.04	16.78	1.71	1.84	GO
7AMLKK		16.20	1.27	1.29	16.20	1.13	1.22	DY
7R3X94		13.48	-1.45	-1.47	13.94	-1.13	-1.22	DY
8CQEEJ		14.91	-0.02	-0.02	14.85	-0.22	-0.24	WZ
8MMK8G		15.20	0.27	0.27	16.00	0.93	1.00	TY
8XNBPH		16.65	1.71	1.74	16.72	1.65	1.78	TO
92NF4N		14.82	-0.12	-0.12	14.96	-0.11	-0.12	TO
9H8GUK		13.60	-1.33	-1.35	14.60	-0.47	-0.50	WZ
AT38TW		16.41	1.48	1.51	15.85	0.78	0.84	CE
AZMZ93		15.00	0.07	0.07	14.67	-0.40	-0.43	GO
B9BHVA		13.19	-1.74	-1.77	14.73	-0.34	-0.37	TO
B9U36M		13.90	-1.03	-1.05	14.50	-0.57	-0.61	TO
BE69PZ		15.96	1.03	1.05	16.88	1.81	1.94	TO
BKR4LX		15.90	0.97	0.98	15.48	0.41	0.44	TO
DF4AG9		15.04	0.10	0.11	13.97	-1.10	-1.19	XX
DJNAKV		15.63	0.70	0.71	15.69	0.62	0.66	DY
E4QRZP		13.85	-1.09	-1.10	14.79	-0.28	-0.31	TO
E8P4XB		15.10	0.17	0.17	14.10	-0.97	-1.04	CE
EB9ZNL		14.95	0.02	0.02	15.15	0.08	0.09	XX
EDBXWU		14.55	-0.38	-0.39	14.42	-0.65	-0.70	DY
EHNQ4L	X	5.12	-9.82	-9.97	5.28	-9.79	-10.53	TO
EPN2G7		15.05	0.12	0.12	15.60	0.53	0.57	DY
F62ULN		13.79	-1.15	-1.16	13.80	-1.27	-1.37	TO
FB4XD9		17.05	2.12	2.15	16.30	1.23	1.32	TO
FJGW4D		14.45	-0.48	-0.49	14.85	-0.22	-0.24	TO

WebCode	Data Flag	Sample X43 Lab Mean	Sample X43 Diff from Grand Mean	Sample X43 CPV	Sample X44 Lab Mean	Sample X44 Diff from Grand Mean	Sample X44 CPV	Instr Code
FLP6BC		15.22	0.28	0.29	16.06	0.99	1.07	TO
FPKX48		13.31	-1.62	-1.65	13.28	-1.79	-1.93	TM
FRPLLH		15.15	0.22	0.22	15.72	0.65	0.70	TO
GUF66U	X	14.00	-0.93	-0.94	16.50	1.43	1.54	TO
GZYAYG		13.95	-0.98	-1.00	14.75	-0.32	-0.35	WZ
J8B9J6		16.44	1.50	1.53	16.65	1.58	1.70	TO
JHUKZN		15.46	0.53	0.54	16.52	1.45	1.56	KA
JLWFJR		14.45	-0.48	-0.49	14.80	-0.27	-0.29	GO
JVGUK9		14.81	-0.13	-0.13	14.84	-0.23	-0.25	DY
LKBQ7P		15.25	0.32	0.32	14.75	-0.32	-0.34	TO
LVAHXN		14.81	-0.13	-0.13	16.13	1.06	1.14	XX
LY9PAL	*	17.56	2.63	2.67	16.93	1.86	2.00	TO
M9V6DF		14.05	-0.88	-0.89	14.30	-0.77	-0.83	XX
MGRV3W	*	17.20	2.27	2.30	17.40	2.33	2.51	CE
MHLGX9		15.35	0.41	0.42	14.88	-0.19	-0.20	TO
MRRGFM		14.15	-0.79	-0.80	14.35	-0.72	-0.77	WZ
N43AHM		15.00	0.07	0.07	15.30	0.23	0.25	TO
NCVKTH		15.58	0.64	0.65	14.97	-0.10	-0.11	DY
NEFDLD		14.98	0.04	0.05	15.95	0.88	0.95	XX
NEYJK3		14.35	-0.58	-0.59	14.30	-0.77	-0.83	TO
NKKFL8	X	8.52	-6.41	-6.51	11.61	-3.46	-3.73	DY
PTYEZH	X	1.45	-13.48	-13.69	1.45	-13.62	-14.66	DY
PX4GG4		15.50	0.57	0.58	15.20	0.13	0.14	TO
PYEBBH	X	21.29	6.35	6.45	20.60	5.53	5.95	TO
Q883WH	X	17.74	2.81	2.85	15.36	0.29	0.31	TO
R39W4X		14.03	-0.90	-0.92	14.05	-1.02	-1.10	TO
R3DCHJ		15.50	0.57	0.58	15.25	0.18	0.19	TO
RKDAX9		15.05	0.12	0.12	15.00	-0.07	-0.07	TO
RUFVE8		15.35	0.42	0.43	16.20	1.13	1.22	TO
TN8MTW		14.00	-0.93	-0.94	14.50	-0.57	-0.61	TO
TQD8GW		12.70	-2.23	-2.26	13.05	-2.02	-2.17	TO
TUAWZP		13.67	-1.26	-1.28	13.68	-1.39	-1.49	TO
UFQFNC	X	11.49	-3.44	-3.49	13.38	-1.69	-1.82	TO
UMMBLB		14.73	-0.20	-0.20	14.71	-0.36	-0.39	TO
UQ6QXN		13.84	-1.09	-1.11	14.32	-0.75	-0.81	CE

WebCode	Data Flag	Sample X43 Lab Mean	Sample X43 Diff from Grand Mean	Sample X43 CPV	Sample X44 Lab Mean	Sample X44 Diff from Grand Mean	Sample X44 CPV	Instr Code
UXU42X		15.49	0.56	0.57	15.75	0.68	0.73	TO
UZJALU		14.70	-0.23	-0.23	15.25	0.18	0.19	TO
W2PEA3		15.50	0.57	0.58	15.10	0.03	0.03	DY
WDF7V7		15.40	0.47	0.48	16.45	1.38	1.49	TO
WFJYTB		13.27	-1.66	-1.69	14.13	-0.94	-1.02	TY
X2VJYB		14.77	-0.16	-0.16	14.81	-0.26	-0.28	DY
XQYBHT		14.58	-0.35	-0.35	15.08	0.02	0.02	TO
XUWQR2		14.02	-0.92	-0.93	14.31	-0.76	-0.82	TO
XUWW6P		13.80	-1.13	-1.15	15.20	0.13	0.14	TO
YA3LE8		14.65	-0.28	-0.28	13.90	-1.17	-1.26	TO
YHHAGA		13.90	-1.03	-1.05	14.10	-0.97	-1.04	DY
YZ7AQU		16.65	1.72	1.75	16.90	1.83	1.97	TO
ZNHVZX		14.19	-0.75	-0.76	14.39	-0.68	-0.73	WZ

Summary Statistics

	Sample X43	Sample X44
Grand Means	14.931 grams/10 mins	15.069 grams/10 mins
Stnd Dev Btwn Labs	0.985 grams/10 mins	0.929 grams/10 mins

Statistics based on 75 of 83 reporting participants

Sample X43: PP & Sample X44: PP

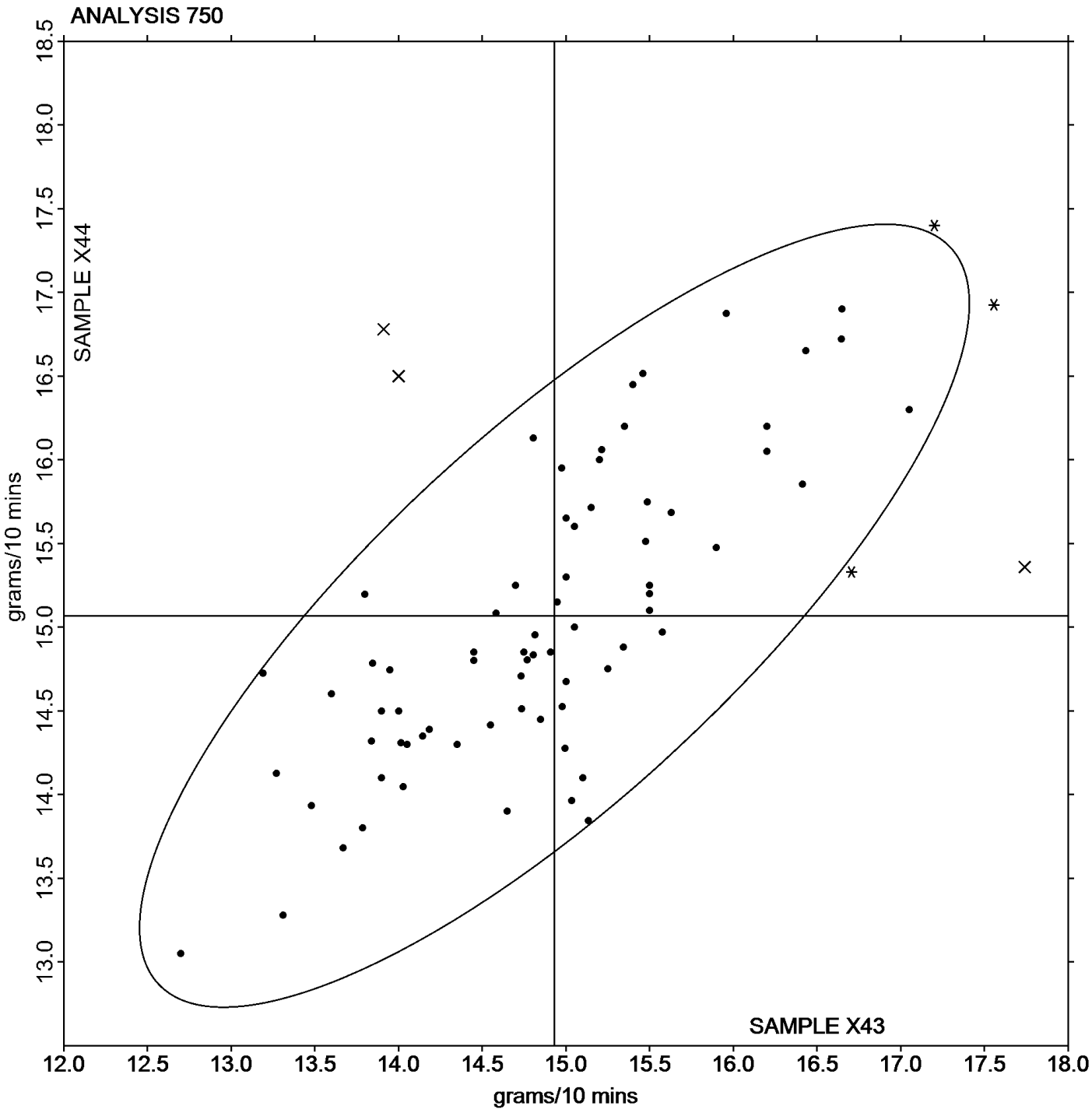
Comments on Assigned Data Flags for Test #750

PTYEZH (X) - Extreme data. Data may be off by a factor of 10.
NKKFL8 (X) - Data for both samples are low. Possible Systematic Error.
7A78EV (X) - Inconsistent in testing between samples.
GUF66U (X) - Inconsistent in testing between samples.
PYEBBH (X) - Data for both samples are high. Possible Systematic Error.
Q883WH (X) - Inconsistent in testing between samples, data for Sample X43 are high.
UFQFNC (X) - Inconsistent in testing between samples, data for Sample X43 are low.
EHNQ4L (X) - Extreme data.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample X43: 14.931 grams/10 mins Grand Mean Sample X44: 15.069 grams/10 mins



WebCode	Data Flag	Sample Y43 Lab Mean	Sample Y43 Diff from Grand Mean	Sample Y43 CPV	Sample Y44 Lab Mean	Sample Y44 Diff from Grand Mean	Sample Y44 CPV	Instr Code
26PECU		0.02100	-0.00295	-0.28	0.02600	-0.00087	-0.08	MK
2K3RPL		0.01800	-0.00595	-0.56	0.01850	-0.00837	-0.79	CT
3ULG77		0.02267	-0.00128	-0.12	0.02633	-0.00053	-0.05	AZ
3XJ7YX		0.01957	-0.00438	-0.41	0.02110	-0.00577	-0.55	ML
4YAMYX		0.02130	-0.00264	-0.25	0.02173	-0.00513	-0.49	MU
6AQNWJ	*	0.02107	-0.00288	-0.27	0.03220	0.00533	0.51	MD
6KLZ6Q	X	0.04700	0.02305	2.18	0.03100	0.00413	0.39	MB
6MB9C7		0.01300	-0.01095	-1.03	0.01367	-0.01320	-1.25	MU
8DHH3J		0.02300	-0.00095	-0.09	0.02500	-0.00187	-0.18	CS
92NF4N		0.02700	0.00305	0.29	0.03110	0.00423	0.40	MS
9JGJH4		0.01380	-0.01015	-0.96	0.01563	-0.01123	-1.07	MU
BE69PZ		0.01863	-0.00531	-0.50	0.01977	-0.00710	-0.67	AZ
EHNQ4L		0.01267	-0.01128	-1.07	0.01467	-0.01220	-1.16	CT
EPN2G7		0.02567	0.00172	0.16	0.02600	-0.00087	-0.08	MS
FACQ8P		0.01433	-0.00961	-0.91	0.01633	-0.01053	-1.00	ML
FB4XD9		0.04450	0.02055	1.94	0.04950	0.02263	2.15	ML
FRPLLH		0.01470	-0.00925	-0.87	0.01743	-0.00943	-0.89	MR
GUUDBA	X	0.07667	0.05272	4.98	0.06000	0.03313	3.14	MU
JVGUK9		0.01710	-0.00685	-0.65	0.02710	0.00023	0.02	AZ
N43AHM	X	0.15100	0.12705	12.01	0.15000	0.12313	11.68	SA
NCVKTH		0.02233	-0.00161	-0.15	0.02367	-0.00320	-0.30	MJ
PTYEZH	X	0.02667	0.00272	0.26	0.06000	0.03313	3.14	MR
RNBTVZ		0.05000	0.02605	2.46	0.05000	0.02313	2.19	XX
TQD8GW		0.02200	-0.00195	-0.18	0.02333	-0.00353	-0.34	AZ
UQ6QXN		0.02197	-0.00198	-0.19	0.02913	0.00227	0.21	MU
UZJALU		0.04933	0.02539	2.40	0.04800	0.02113	2.00	MK
WDF7V7		0.02450	0.00055	0.05	0.03100	0.00413	0.39	AZ
X2VJYB		0.02150	-0.00245	-0.23	0.02250	-0.00437	-0.41	CT
XUWW6P		0.03900	0.01505	1.42	0.04200	0.01513	1.44	MB
YA3LE8	X	0.07667	0.05272	4.98	0.06667	0.03980	3.77	MU

Summary Statistics	Sample Y43	Sample Y44
Grand Means	0.023945 Percent	0.026868 Percent
Stnd Dev Btwn Labs	0.010578 Percent	0.010544 Percent

Statistics based on 25 of 30 reporting participants

Sample Y43: HIPS & Sample Y44: HIPS

Comments on Assigned Data Flags for Test #755

PTYEZH (X) - Data for sample Y44 are high. Inconsistent within the determinations of both samples.

N43AHM (X) - Extreme data.

6KLZ6Q (X) - Inconsistent in testing between samples.

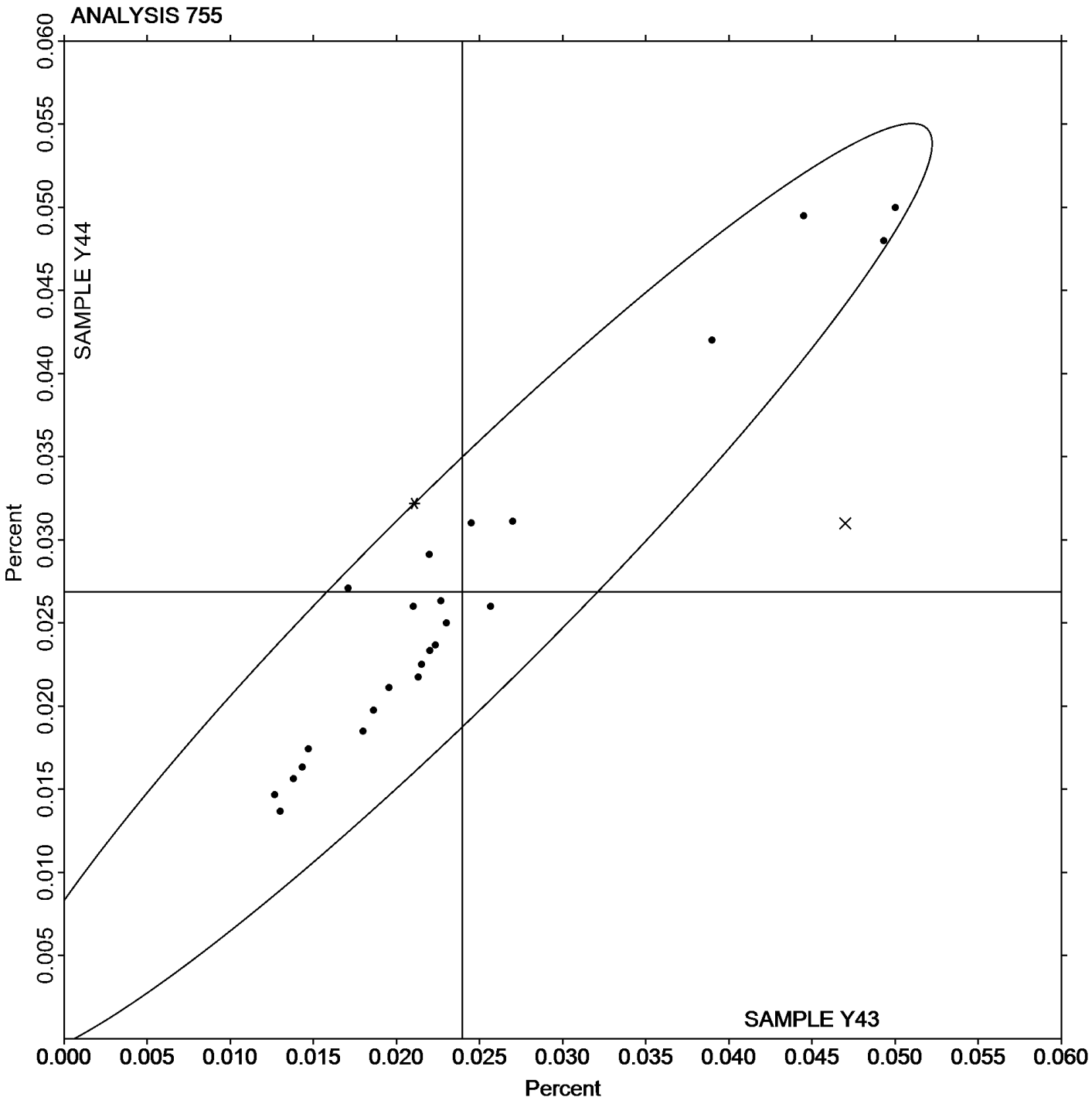
GUUDBA (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations of sample Y43.

YA3LE8 (X) - Data for both samples are high. Possible Systematic Error. Inconsistent within the determinations for both samples.

Key to Instrument Codes Reported by Participants

AZ	Arizona Instruments Moisture Analyzer	CS	Cosa Instruments
CT	Computrac Moisture Analyzer	MB	Omnimark Mark 3
MD	Mettler Toledo DL37	MJ	Mitsubishi KF Analyzer Series
MK	Mitsubishi KF Analyzer CA	ML	Metrohm Coulometer
MR	Metrohm Coulineter 756 KF	MS	Metrohm Coulometer 831 KF
MU	Mettler Toledo	SA	Sartorius MA30
XX	Instrument manufacturer not specified by lab		

Grand Mean Sample Y43: 0.02395 Percent Grand Mean Sample Y44: 0.02687 Percent



WebCode	Data Flag	Sample L43 Lab Mean	Sample L43 Diff from Grand Mean	Sample L43 CPV	Sample L44 Lab Mean	Sample L44 Diff from Grand Mean	Sample L44 CPV
26PECU		14.870	-0.027	-0.17	14.860	-0.065	-0.45
2K3RPL		14.620	-0.277	-1.76	14.890	-0.035	-0.24
388XU4		15.070	0.173	1.10	14.895	-0.030	-0.21
3NXVWX		14.940	0.043	0.27	14.980	0.055	0.37
3ULG77	*	14.560	-0.337	-2.15	14.575	-0.350	-2.39
6AQNWJ		14.880	-0.017	-0.11	14.720	-0.205	-1.40
6KLZ6Q		14.985	0.088	0.56	14.900	-0.025	-0.17
8AXUZX	*	15.340	0.443	2.82	15.217	0.292	1.99
8DHH3J	X	14.855	-0.042	-0.27	14.315	-0.610	-4.15
92NF4N		14.695	-0.202	-1.29	15.125	0.200	1.36
9E7FNV		14.960	0.063	0.40	14.965	0.040	0.27
9H8GUK		14.995	0.098	0.62	14.891	-0.034	-0.23
9HRABN		14.700	-0.198	-1.26	15.034	0.109	0.74
9VWCBK		14.755	-0.142	-0.90	14.815	-0.110	-0.75
B9BHVA		14.805	-0.092	-0.59	14.900	-0.025	-0.17
BE69PZ		15.030	0.133	0.85	15.005	0.080	0.54
DJNAKV		15.005	0.108	0.69	14.915	-0.010	-0.07
E4QRZP		14.893	-0.004	-0.02	15.126	0.201	1.37
EDBXWU		15.125	0.228	1.45	14.950	0.025	0.17
EHNQ4L		15.090	0.193	1.23	14.875	-0.050	-0.34
EPN2G7	*	14.540	-0.357	-2.27	14.625	-0.300	-2.04
FB4XD9		14.960	0.063	0.40	15.135	0.210	1.43
FJGW4D		14.730	-0.167	-1.06	15.120	0.195	1.32
FLP6BC		14.865	-0.032	-0.20	14.625	-0.300	-2.04
FRPLLH	X	12.755	-2.142	-13.63	12.965	-1.960	-13.34
GZYAYG		14.745	-0.152	-0.97	14.805	-0.120	-0.82
HQ9778		14.900	0.003	0.02	15.005	0.080	0.54
JLWFJR		14.790	-0.107	-0.68	15.015	0.090	0.61
KWBYD8		15.005	0.108	0.69	14.870	-0.055	-0.38
LVAHXN		14.895	-0.003	-0.02	14.615	-0.310	-2.11
MA7XEA		14.956	0.059	0.38	15.110	0.184	1.25
MRRGFM		14.990	0.093	0.59	14.905	-0.020	-0.14
N43AHM		14.970	0.073	0.46	14.950	0.025	0.17
NCVKTH		14.895	-0.002	-0.01	14.865	-0.060	-0.41
NEFDLD		14.935	0.038	0.24	14.880	-0.045	-0.31

WebCode	Data Flag	Sample L43 Lab Mean	Sample L43 Diff from Grand Mean	Sample L43 CPV	Sample L44 Lab Mean	Sample L44 Diff from Grand Mean	Sample L44 CPV
PG3EZY		14.745	-0.152	-0.97	14.850	-0.075	-0.51
R39W4X	X	14.165	-0.732	-4.66	15.000	0.075	0.51
RKDAX9		14.805	-0.092	-0.59	14.835	-0.090	-0.62
TJFFEU		15.025	0.128	0.81	14.940	0.015	0.10
TN8MTW		14.770	-0.127	-0.81	15.020	0.095	0.64
UQ6QXN		14.950	0.053	0.34	15.022	0.096	0.66
UXL9AB		14.797	-0.100	-0.64	14.820	-0.105	-0.72
UXU42X	*	15.306	0.408	2.60	15.273	0.348	2.37
UZJALU		14.770	-0.127	-0.81	14.865	-0.060	-0.41
VCRBXD		14.825	-0.072	-0.46	14.815	-0.110	-0.75
WDF7V7	X	15.001	0.104	0.66	15.566	0.640	4.36
WECJHY		14.845	-0.052	-0.33	15.055	0.130	0.88
WMFXYQ		14.820	-0.077	-0.49	14.935	0.010	0.07
X2VJYB		14.930	0.033	0.21	14.910	-0.015	-0.10
XQYBHT		14.858	-0.039	-0.25	14.934	0.008	0.06
XUVYUU		14.900	0.003	0.02	15.090	0.165	1.12
XUWW6P		15.035	0.138	0.88	14.795	-0.130	-0.89
YA3LE8		15.034	0.137	0.87	14.937	0.012	0.08
ZNHVZX		14.950	0.053	0.34	15.010	0.085	0.58

Summary Statistics

	Sample L43	Sample L44
Grand Means	14.8972 Percent	14.9254 Percent
Stnd Dev Btwn Labs	0.1572 Percent	0.1469 Percent

Statistics based on 50 of 54 reporting participants

Sample L43: PBT & Sample L44: PBT

Comments on Assigned Data Flags for Test #757

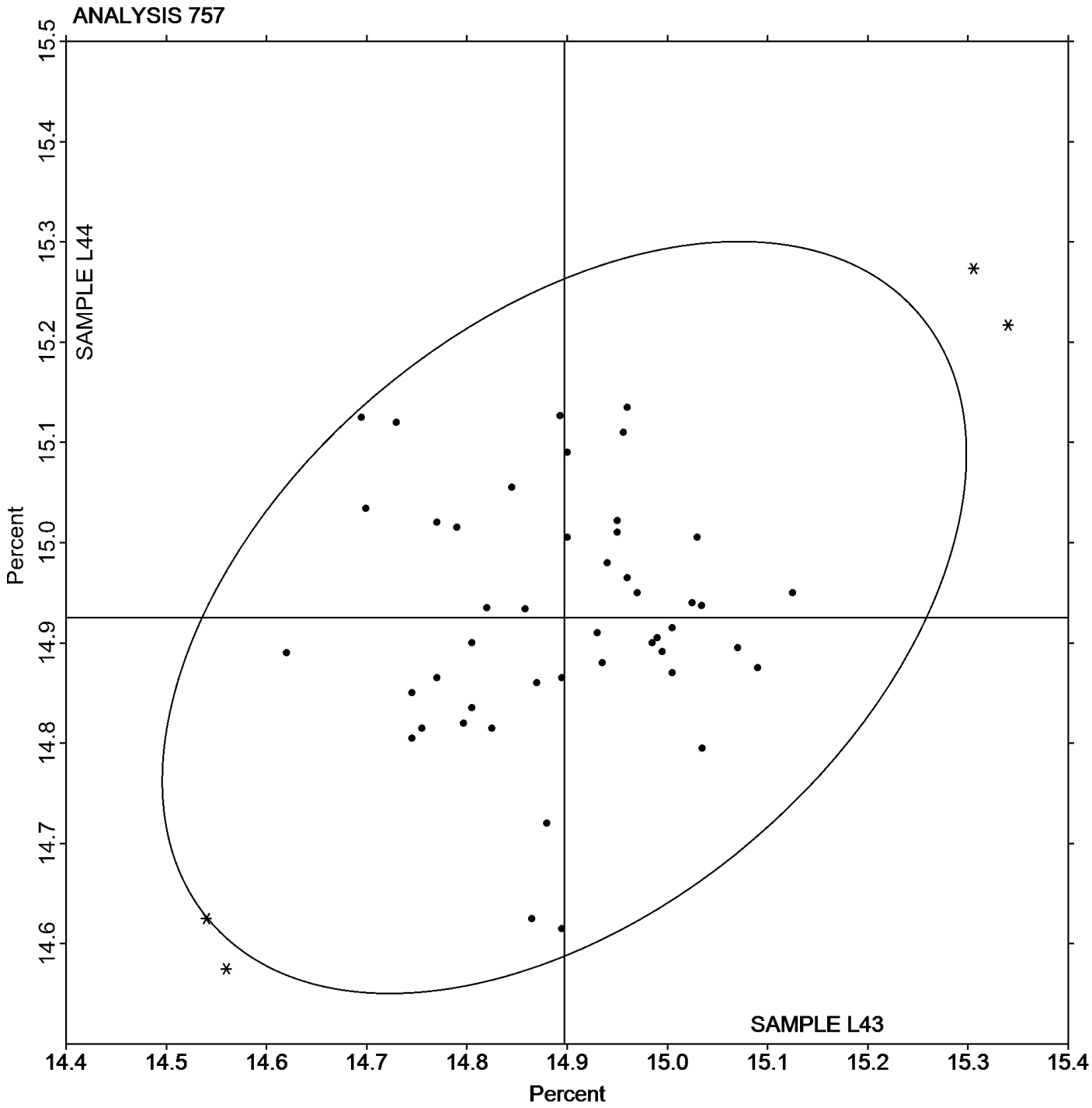
R39W4X (X) - Data for sample L43 are low.

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

WDF7V7 (X) - Data for sample L44 are high.

8DHH3J (X) - Data for sample L44 are low.

Grand Mean Sample L43: 14.897 Percent Grand Mean Sample L44: 14.925 Percent



WebCode	Data Flag	Sample W43 Lab Mean	Sample W43 Diff from Grand Mean	Sample W43 CPV	Sample W44 Lab Mean	Sample W44 Diff from Grand Mean	Sample W44 CPV	Instr Code
23H2QL		206.48	9.20	2.10	192.18	14.90	1.74	TA
26PECU		196.60	-0.68	-0.16	173.67	-3.61	-0.42	TA
388XU4		196.80	-0.48	-0.11	172.97	-4.31	-0.50	TA
6AQNWJ		193.73	-3.55	-0.81	170.40	-6.88	-0.80	PE
7A78EV		199.23	1.95	0.45	175.17	-2.11	-0.25	TA
DLTW7M		197.27	-0.02	0.00	171.53	-5.74	-0.67	TA
GZYAYG		198.80	1.52	0.35	173.83	-3.44	-0.40	TA
LVAHXN		194.98	-2.30	-0.53	172.81	-4.47	-0.52	TA
LY9PAL		200.77	3.48	0.80	178.63	1.36	0.16	XX
MRRGFM		192.28	-5.01	-1.14	175.01	-2.27	-0.26	TA
NEFDLD		197.58	0.30	0.07	172.68	-4.60	-0.54	TA
NKKFL8		194.63	-2.65	-0.61	173.09	-4.19	-0.49	TA
PWRMXX		196.61	-0.67	-0.15	182.14	4.86	0.57	TA
R39W4X		194.08	-3.20	-0.73	173.11	-4.16	-0.49	PE
R6ZZRX		199.47	2.18	0.50	185.17	7.89	0.92	TA
TQD8GW		193.67	-3.62	-0.83	174.78	-2.50	-0.29	MT
WDBXHC		190.41	-6.87	-1.57	174.83	-2.45	-0.29	TA
XQYBHT		195.41	-1.88	-0.43	173.57	-3.70	-0.43	TA
ZF7NE2	*	208.70	11.42	2.61	206.27	28.99	3.38	XX
ZNHVZX		198.17	0.88	0.20	173.70	-3.58	-0.42	TA

Summary Statistics

	Sample W43	Sample W44
Grand Means	197.284 Degrees Celsius	177.276 Degrees Celsius
Stnd Dev Btwn Labs	4.377 Degrees Celsius	8.579 Degrees Celsius

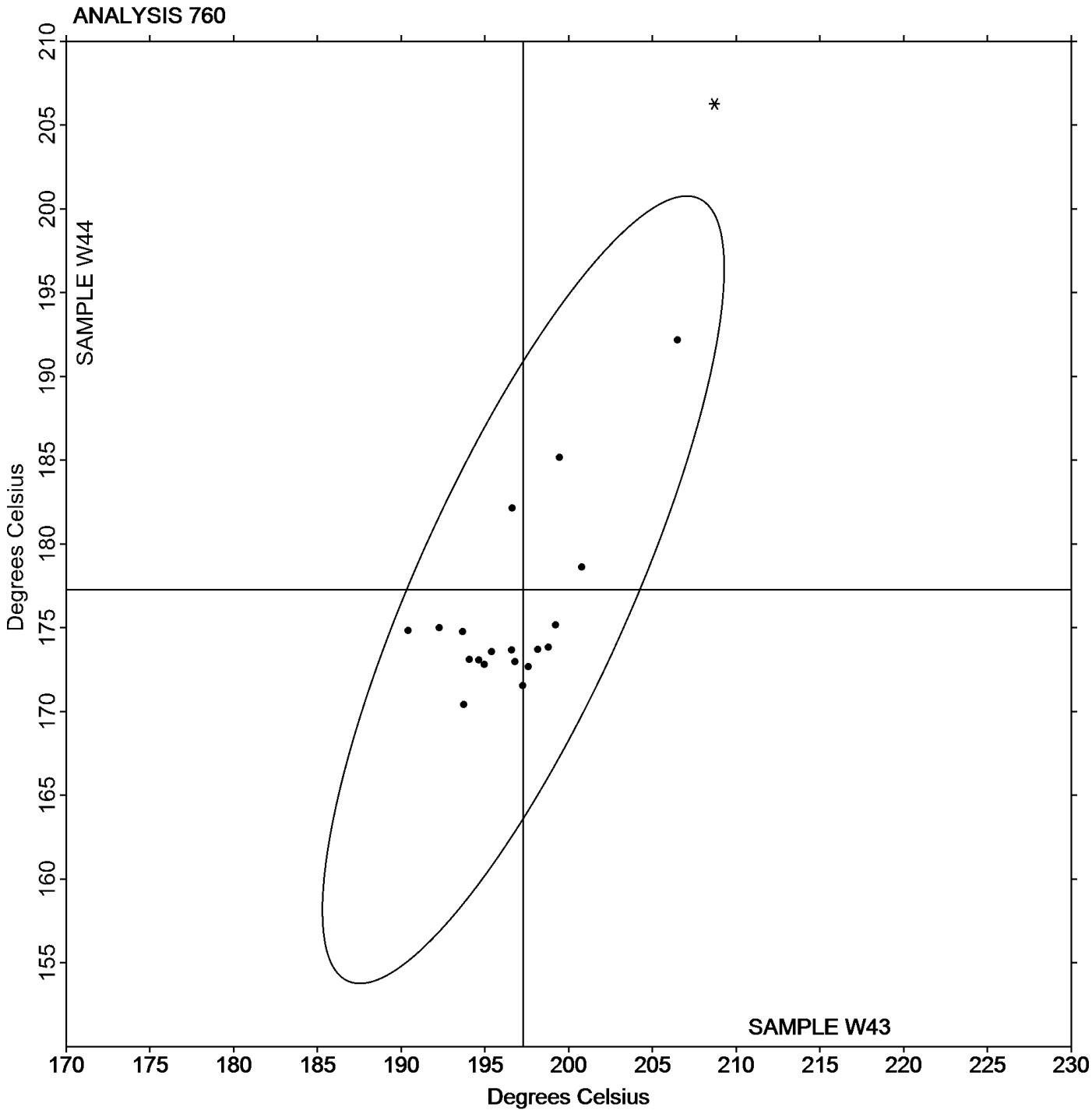
Statistics based on 20 of 20 reporting participants

Sample W43: PBT & Sample W44: PBT

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W43: 197.28 Degrees Celsius Grand Mean Sample W44: 177.28 Degrees Celsius



WebCode	Data Flag	Sample W43 Lab Mean	Sample W43 Diff from Grand Mean	Sample W43 CPV	Sample W44 Lab Mean	Sample W44 Diff from Grand Mean	Sample W44 CPV	Instr Code
23H2QL		224.56	3.21	1.82	226.18	1.71	1.22	TA
26PECU		222.60	1.25	0.71	226.43	1.96	1.40	TA
388XU4		220.27	-1.09	-0.62	222.63	-1.84	-1.31	TA
6AQNWJ		223.40	2.05	1.16	224.70	0.23	0.16	PE
7A78EV		221.17	-0.19	-0.11	223.50	-0.97	-0.69	TA
92NF4N	X	211.66	-9.70	-5.49	225.66	1.19	0.85	TA
9HRABN		221.70	0.35	0.20	223.73	-0.74	-0.53	TA
DLTW7M		223.63	2.28	1.29	227.30	2.83	2.02	TA
GUV7AH		220.60	-0.75	-0.43	224.43	-0.04	-0.03	TA
GZYAYG		221.33	-0.02	-0.01	223.20	-1.27	-0.91	TA
LVAHXN		220.09	-1.27	-0.72	224.77	0.30	0.21	XX
LY9PAL		222.47	1.11	0.63	224.33	-0.14	-0.10	XX
MRRGFM		219.32	-2.03	-1.15	224.97	0.50	0.35	TA
NEFDLD		221.20	-0.16	-0.09	223.70	-0.77	-0.55	XX
NKKFL8		221.43	0.08	0.05	224.46	-0.01	-0.01	TA
PWRMXX		220.36	-0.99	-0.56	225.15	0.68	0.48	TA
R39W4X		219.99	-1.36	-0.77	223.95	-0.52	-0.37	PE
R6ZZRX		222.83	1.48	0.84	226.80	2.33	1.66	TA
TQD8GW		223.67	2.31	1.31	222.89	-1.58	-1.13	MT
WDBXHC		216.86	-4.49	-2.55	222.92	-1.55	-1.11	TA
XQYBHT		220.32	-1.03	-0.58	225.56	1.09	0.77	TA
ZF7NE2	X	229.17	7.81	4.43	234.47	10.00	7.12	XX
ZNHVZX		220.60	-0.75	-0.43	222.27	-2.20	-1.57	TA

Summary Statistics

	Sample W43	Sample W44
Grand Means	221.353 Degrees Celsius	224.470 Degrees Celsius
Stnd Dev Btwn Labs	1.765 Degrees Celsius	1.403 Degrees Celsius

Statistics based on 21 of 23 reporting participants

Sample W43: PBT & Sample W44: PBT

Comments on Assigned Data Flags for Test #761

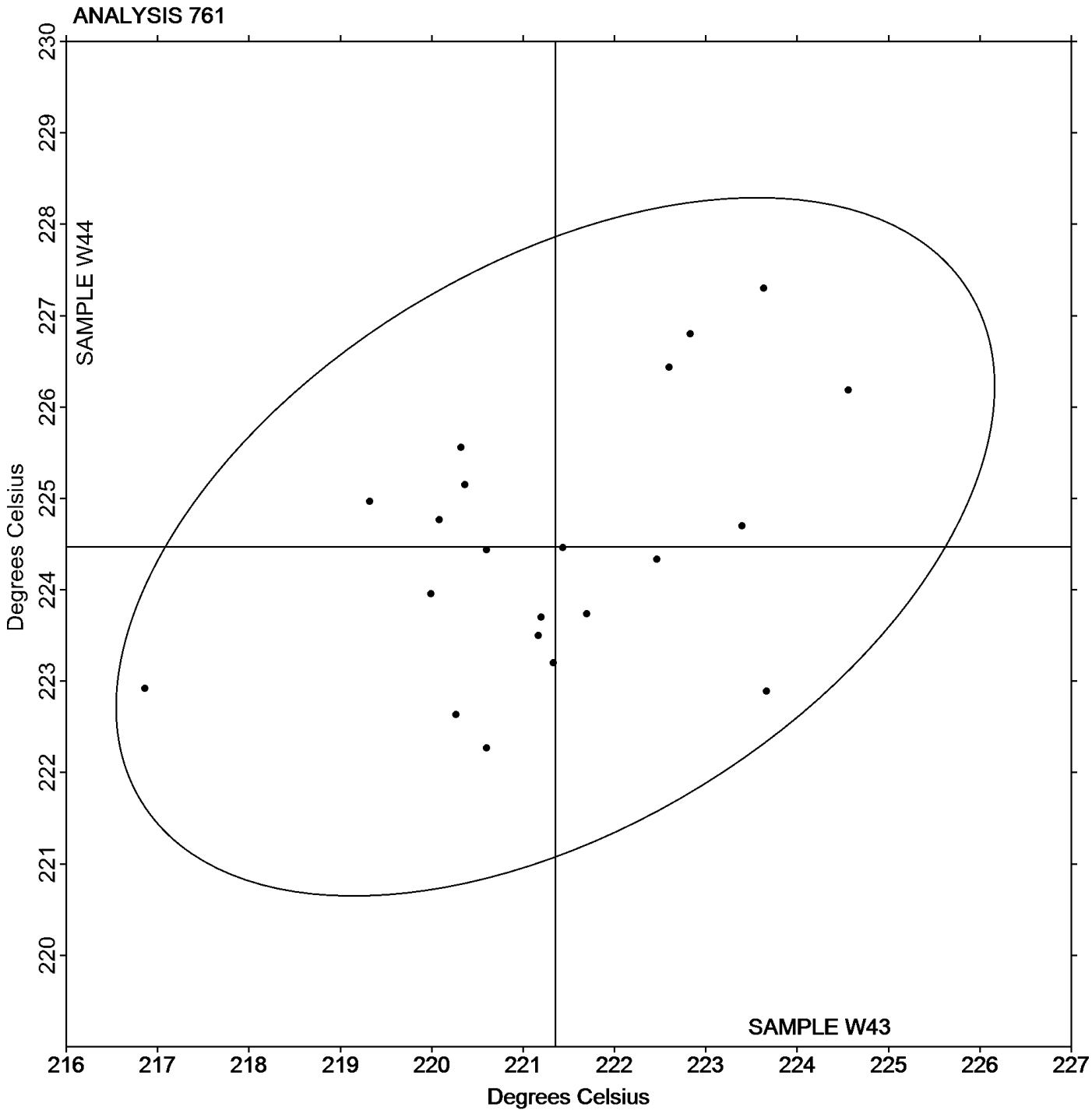
92NF4N (X) - Data for sample W43 are low.

ZF7NE2 (X) - Data for both samples are high.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W43: 221.35 Degrees Celsius Grand Mean Sample W44: 224.47 Degrees Celsius



WebCode	Data Flag	Sample W43 Lab Mean	Sample W43 Diff from Grand Mean	Sample W43 CPV	Sample W44 Lab Mean	Sample W44 Diff from Grand Mean	Sample W44 CPV	Instr Code
23H2QL		19.55	-3.14	-1.64	36.70	-10.11	-2.17	TA
26PECU		22.66	-0.03	-0.02	43.94	-2.87	-0.62	TA
388XU4		25.07	2.37	1.24	48.97	2.17	0.47	TA
6AQNWJ		20.00	-2.70	-1.41	40.65	-6.15	-1.32	PE
7A78EV		23.07	0.37	0.19	45.93	-0.87	-0.19	TA
DLTW7M		22.31	-0.38	-0.20	50.77	3.97	0.85	TA
GZYAYG		23.80	1.10	0.58	48.20	1.40	0.30	TA
LY9PAL		21.29	-1.40	-0.73	46.38	-0.43	-0.09	XX
NKKFL8		19.79	-2.91	-1.52	43.40	-3.41	-0.73	TA
PWRMXX		24.30	1.60	0.84	51.49	4.68	1.01	TA
R6ZZRX		24.93	2.24	1.17	53.50	6.70	1.44	TA
WDBXHC		24.40	1.70	0.89	52.13	5.33	1.15	TA
XQYBHT		24.22	1.53	0.80	47.66	0.86	0.18	TA
ZF7NE2	X	0.83	-21.87	-11.42	2.32	-44.49	-9.57	XX
ZNHVZX		22.37	-0.33	-0.17	45.52	-1.28	-0.28	TA

Summary Statistics

	Sample W43	Sample W44
Grand Means	22.698 Joules Per Gram	46.802 Joules Per Gram
Stnd Dev Btwn Labs	1.914 Joules Per Gram	4.647 Joules Per Gram

Statistics based on 14 of 15 reporting participants

Sample W43: PBT & Sample W44: PBT

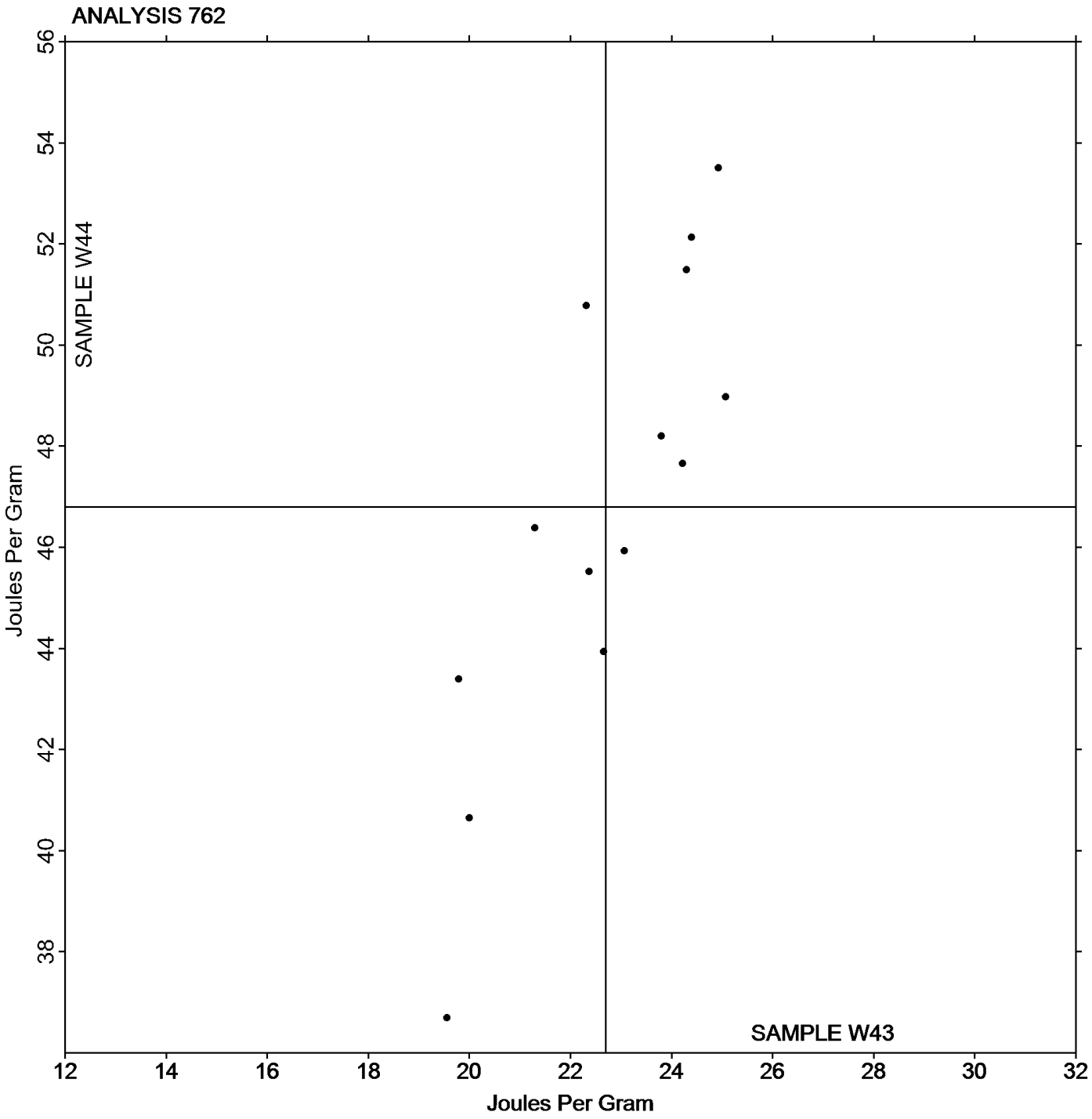
Comments on Assigned Data Flags for Test #762

ZF7NE2 (X) - Extreme data.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample W43: 22.698 Joules Per Gram Grand Mean Sample W44: 46.802 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 W43 Lab Mean	Sample W43 Diff from Grand Mean	Sample W43 CPV	Sample W44 Lab Mean	Sample W44 Diff from Grand Mean	Sample W44 CPV	Instr Code
23H2QL		22.24	-2.26	-0.83	36.70	-5.36	-0.84	TA
26PECU		26.19	1.70	0.62	41.79	-0.27	-0.04	TA
388XU4		23.92	-0.57	-0.21	37.57	-4.49	-0.70	TA
6AQNWJ		21.59	-2.91	-1.06	35.67	-6.39	-1.00	PE
7A78EV		23.93	-0.56	-0.21	36.80	-5.26	-0.83	TA
92NF4N		22.90	-1.59	-0.58	35.90	-6.17	-0.97	TA
DLTW7M		26.12	1.62	0.59	39.52	-2.54	-0.40	TA
GZYAYG		25.73	1.24	0.45	46.17	4.10	0.64	TA
LY9PAL		29.48	4.99	1.82	56.67	14.60	2.29	XX
NKKFL8		21.78	-2.72	-0.99	43.95	1.89	0.30	TA
PWRMXX		24.41	-0.08	-0.03	53.80	11.73	1.84	TA
R6ZZRX		26.90	2.41	0.88	48.83	6.77	1.06	TA
WDBXHC		28.69	4.20	1.54	41.93	-0.13	-0.02	TA
XQYBHT		25.06	0.56	0.21	40.98	-1.09	-0.17	TA
ZF7NE2		18.82	-5.67	-2.08	37.40	-4.66	-0.73	XX
ZNHVZX		24.15	-0.34	-0.13	39.31	-2.75	-0.43	TA

Summary Statistics

	Sample W43	Sample W44
Grand Means	24.494 Joules Per Gram	42.062 Joules Per Gram
Stnd Dev Btwn Labs	2.734 Joules Per Gram	6.376 Joules Per Gram

Statistics based on 16 of 16 reporting participants

Sample W43: PBT & Sample W44: PBT

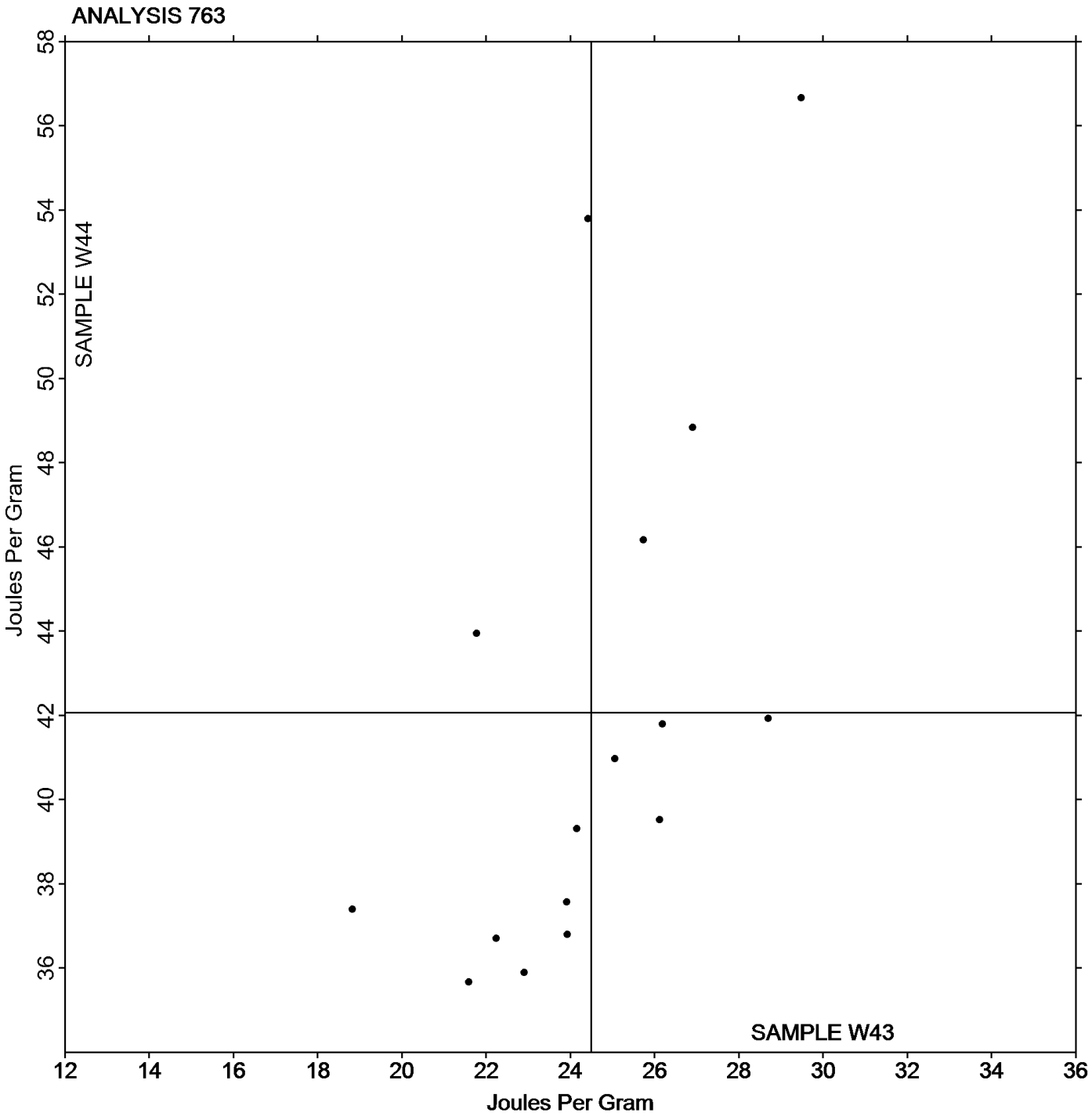
Key to Instrument Codes Reported by Participants

PE Perkins Elmer Instruments

TA TA Instruments

XX Instrument manufacturer not specified by lab

Grand Mean Sample W43: 24.494 Joules Per Gram Grand Mean Sample W44: 42.062 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 V43 Lab Mean	Sample V43 Diff from Grand Mean	Sample V43 CPV	Sample V44 Lab Mean	Sample V44 Diff from Grand Mean	Sample V44 CPV	Instr Code
23H2QL		110.70	3.63	2.31	110.06	2.78	1.60	TA
26PECU		105.80	-1.27	-0.81	106.10	-1.18	-0.68	TA
388XU4		107.50	0.43	0.27	107.20	-0.08	-0.05	TA
6AQNWJ		107.73	0.66	0.42	108.33	1.06	0.61	PE
7A78EV		106.90	-0.17	-0.11	106.40	-0.88	-0.51	TA
92NF4N		108.48	1.41	0.90	108.54	1.26	0.73	TA
DLTW7M	*	106.13	-0.94	-0.59	109.14	1.87	1.08	TA
GZYAYG		103.97	-3.10	-1.97	103.53	-3.74	-2.16	TA
LY9PAL		106.93	-0.14	-0.09	108.67	1.39	0.80	XX
PWRMXX		105.10	-1.97	-1.25	104.76	-2.52	-1.46	TA
R6ZZRX		106.27	-0.80	-0.51	105.73	-1.54	-0.89	TA
TQD8GW		107.60	0.53	0.34	107.48	0.20	0.11	MT
WDBXHC		107.65	0.58	0.37	107.50	0.22	0.13	TA
XQYBHT		108.30	1.23	0.78	108.34	1.06	0.61	TA
ZF7NE2	X	70.30	-36.77	-23.37	70.43	-36.84	-21.28	XX
ZNHVZX		106.97	-0.10	-0.06	107.40	0.12	0.07	TA

Summary Statistics

	Sample V43	Sample V44
Grand Means	107.069 Degrees Celsius	107.278 Degrees Celsius
Stnd Dev Btwn Labs	1.574 Degrees Celsius	1.732 Degrees Celsius

Statistics based on 15 of 16 reporting participants

Sample V43: ABS & Sample V44: ABS

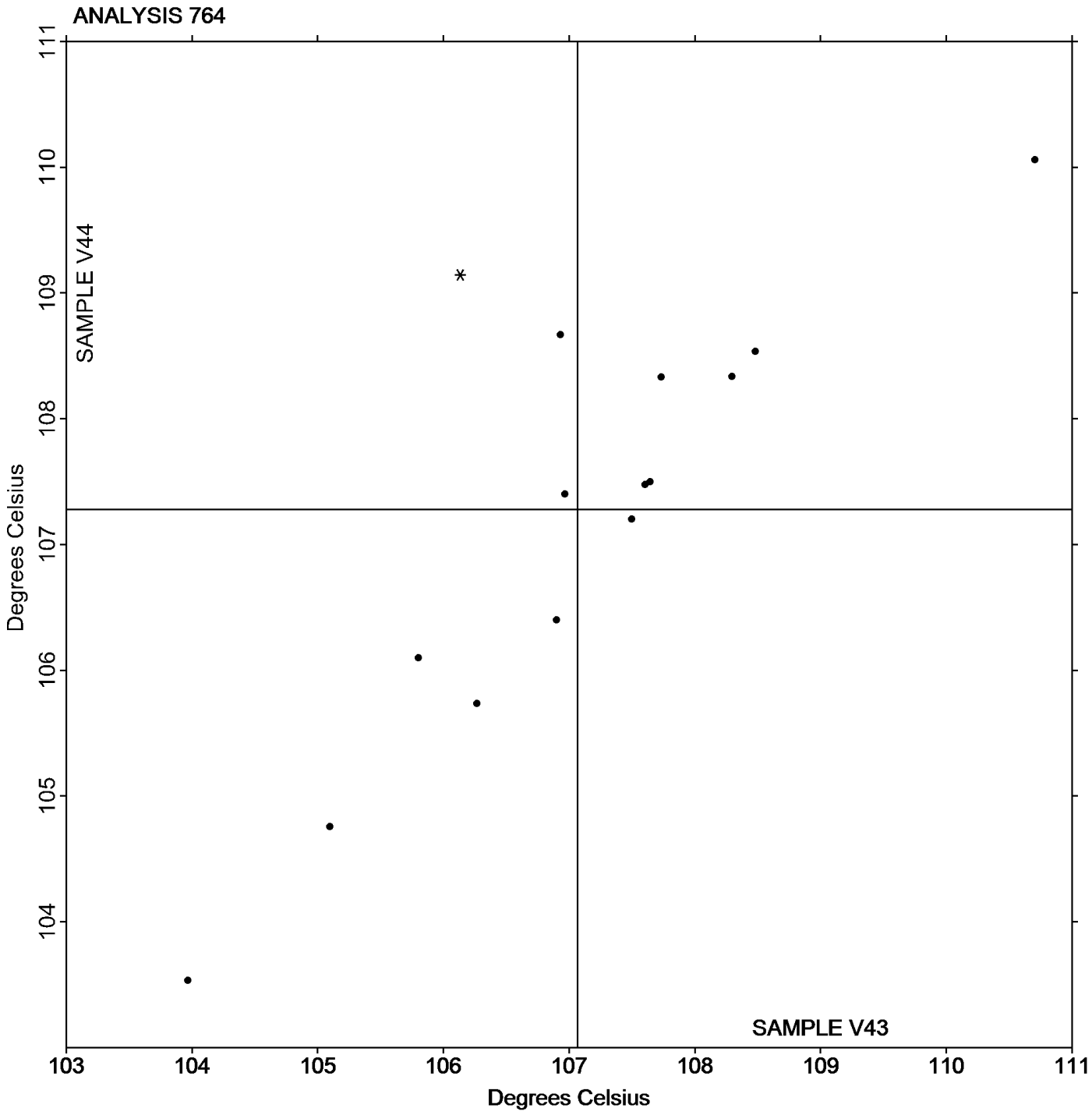
Comments on Assigned Data Flags for Test #764

ZF7NE2 (X) - Extreme data.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample V43: 107.07 Degrees Celsius Grand Mean Sample V44: 107.28 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 B43 Lab Mean	Sample B43 Diff from Grand Mean	Sample B43 CPV	Sample B44 Lab Mean	Sample B44 Diff from Grand Mean	Sample B44 CPV	Instr Code
39JUZ8		3,405	1,166	1.85	3,455	1,206	1.79	IN
4MJVC9		1,328	-912	-1.45	1,324	-924	-1.37	MT
62VR8V		2,019	-220	-0.35	2,026	-222	-0.33	IN
7R3X94		1,969	-270	-0.43	1,911	-338	-0.50	IN
9H8GUK		2,406	167	0.26	2,320	72	0.11	WZ
AT38TW		1,495	-744	-1.18	1,448	-801	-1.19	IN
D4977M		2,247	8	0.01	2,247	-1	0.00	SH
FB4XD9		2,143	-96	-0.15	2,272	23	0.03	IN
MGRV3W		2,229	-11	-0.02	2,225	-23	-0.03	MT
MHLGX9		2,306	67	0.11	2,239	-9	-0.01	IN
Q3TDJZ		1,608	-631	-1.00	1,508	-741	-1.10	IN
UYK8QX		2,543	304	0.48	2,806	557	0.83	XX
XFFX2A		3,410	1,171	1.86	3,450	1,202	1.79	IN

Summary Statistics

	Sample B43	Sample B44
Grand Means	2,239.1 psi	2,248.5 psi
Stnd Dev Btwn Labs	630.5 psi	672.3 psi

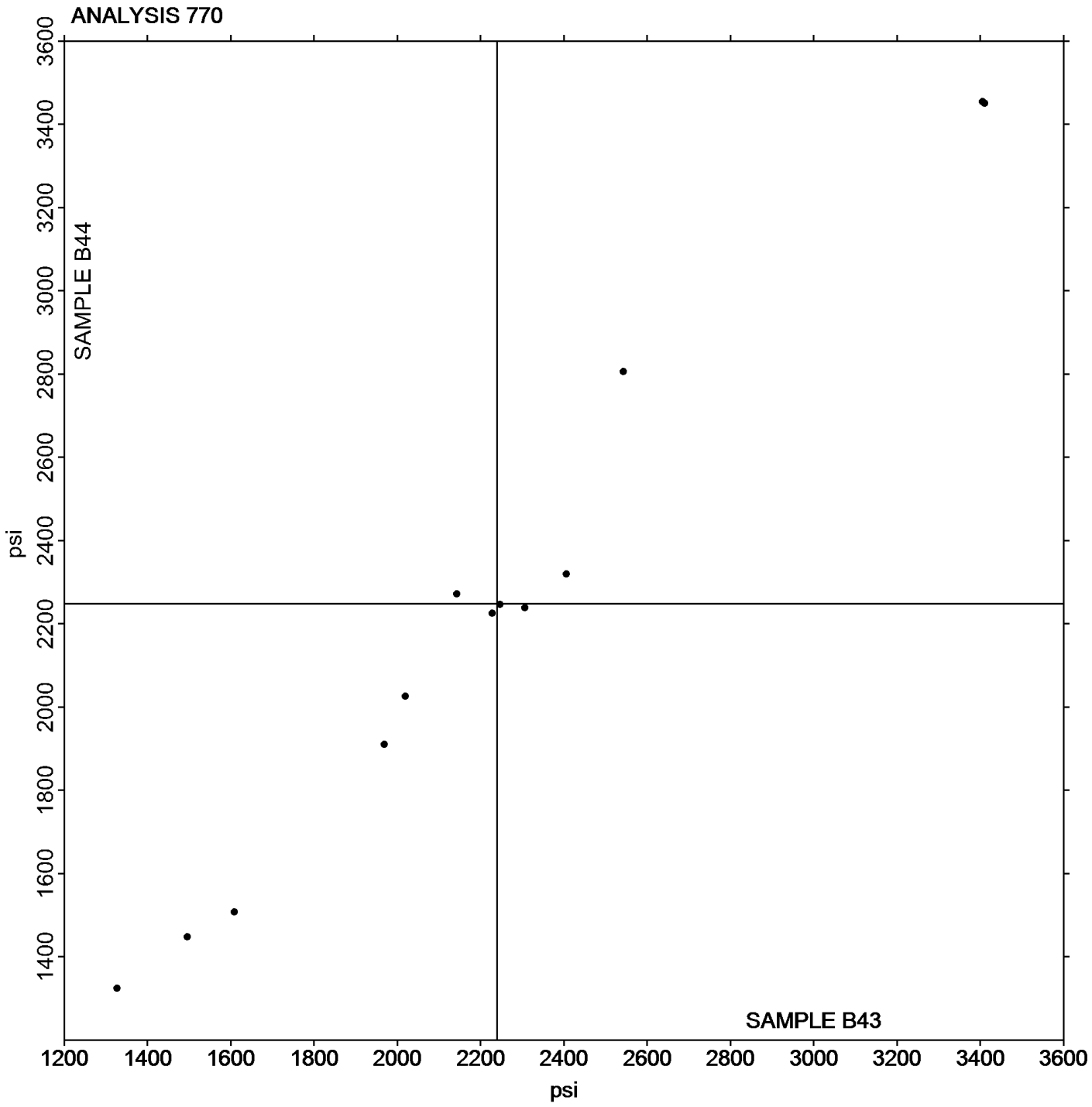
Statistics based on 13 of 13 reporting participants

Sample B43: LDPE & Sample B44: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B43: 2,239.07 psi Grand Mean Sample B44: 2,248.47 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 B43 Lab Mean	Sample B43 Diff from Grand Mean	Sample B43 CPV	Sample B44 Lab Mean	Sample B44 Diff from Grand Mean	Sample B44 CPV	Instr Code
39JUZ8		3,675	246	0.56	3,959	442	0.95	IN
4MJVC9		3,918	489	1.12	4,125	608	1.31	MT
62VR8V		2,966	-462	-1.06	2,940	-577	-1.24	IN
7R3X94		3,409	-20	-0.05	3,596	79	0.17	IN
8MMK8G		3,241	-187	-0.43	3,283	-233	-0.50	SH
9H8GUK		3,891	463	1.06	3,607	90	0.19	WZ
AT38TW		3,378	-50	-0.11	3,517	0	0.00	IN
D4977M		3,579	151	0.34	3,714	197	0.42	SH
FB4XD9		3,666	237	0.54	3,964	447	0.96	IN
MGRV3W		3,415	-13	-0.03	3,126	-391	-0.84	MT
MHLGX9		3,743	314	0.72	4,031	515	1.11	IN
Q3TDJZ		3,596	168	0.38	3,802	285	0.61	IN
TN8MTW		3,929	501	1.14	3,804	287	0.62	IN
UYK8QX		2,542	-886	-2.02	2,805	-712	-1.53	XX
XFFX2A		3,410	-18	-0.04	3,450	-67	-0.14	IN
YZ7AQU		2,497	-931	-2.13	2,545	-971	-2.09	UC

Summary Statistics

	Sample B43	Sample B44
Grand Means	3,428.4 psi	3,516.8 psi
Stnd Dev Btwn Labs	437.9 psi	464.8 psi

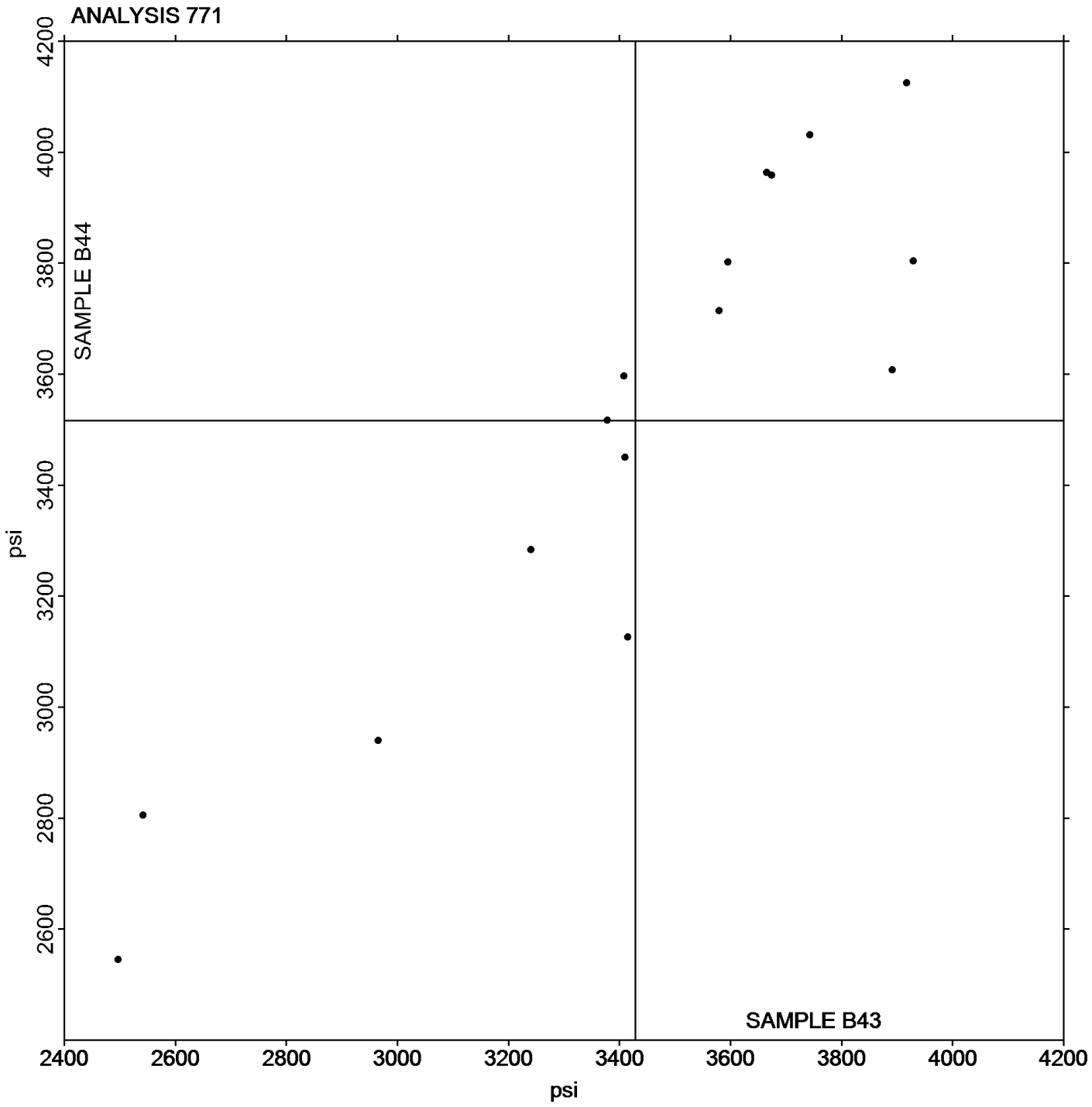
Statistics based on 16 of 16 reporting participants

Sample B43: LDPE & Sample B44: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B43: 3,428.38 psi Grand Mean Sample B44: 3,516.75 psi



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

WebCode	Data Flag	Sample B43 Lab Mean	Sample B43 Diff from Grand Mean	Sample B43 CPV	Sample B44 Lab Mean	Sample B44 Diff from Grand Mean	Sample B44 CPV	Instr Code
39JUZ8	*	598.77	420.52	1.78	557.47	367.30	1.45	IN
4MJVC9		5.26	-173.00	-0.73	5.20	-184.97	-0.73	MT
62VR8V		61.67	-116.59	-0.49	62.76	-127.41	-0.50	IN
7R3X94		94.60	-83.66	-0.35	94.99	-95.18	-0.38	IN
9H8GUK		57.59	-120.66	-0.51	80.68	-109.49	-0.43	WZ
AT38TW		8.21	-170.05	-0.72	9.06	-181.11	-0.72	IN
D4977M		94.16	-84.10	-0.36	103.09	-87.08	-0.34	SH
FB4XD9		114.17	-64.09	-0.27	109.71	-80.46	-0.32	IN
MGRV3W		68.80	-109.46	-0.46	73.77	-116.40	-0.46	MT
MHLGX9		79.05	-99.21	-0.42	82.16	-108.01	-0.43	IN
Q3TDJZ		12.76	-165.50	-0.70	12.90	-177.27	-0.70	IN
UYK8QX		406.00	227.74	0.96	482.30	292.13	1.16	XX
XFFX2A		716.30	538.04	2.27	798.10	607.93	2.41	IN

Summary Statistics

	Sample B43	Sample B44
Grand Means	178.257 Percent	190.169 Percent
Stnd Dev Btwn Labs	236.745 Percent	252.458 Percent

Statistics based on 13 of 13 reporting participants

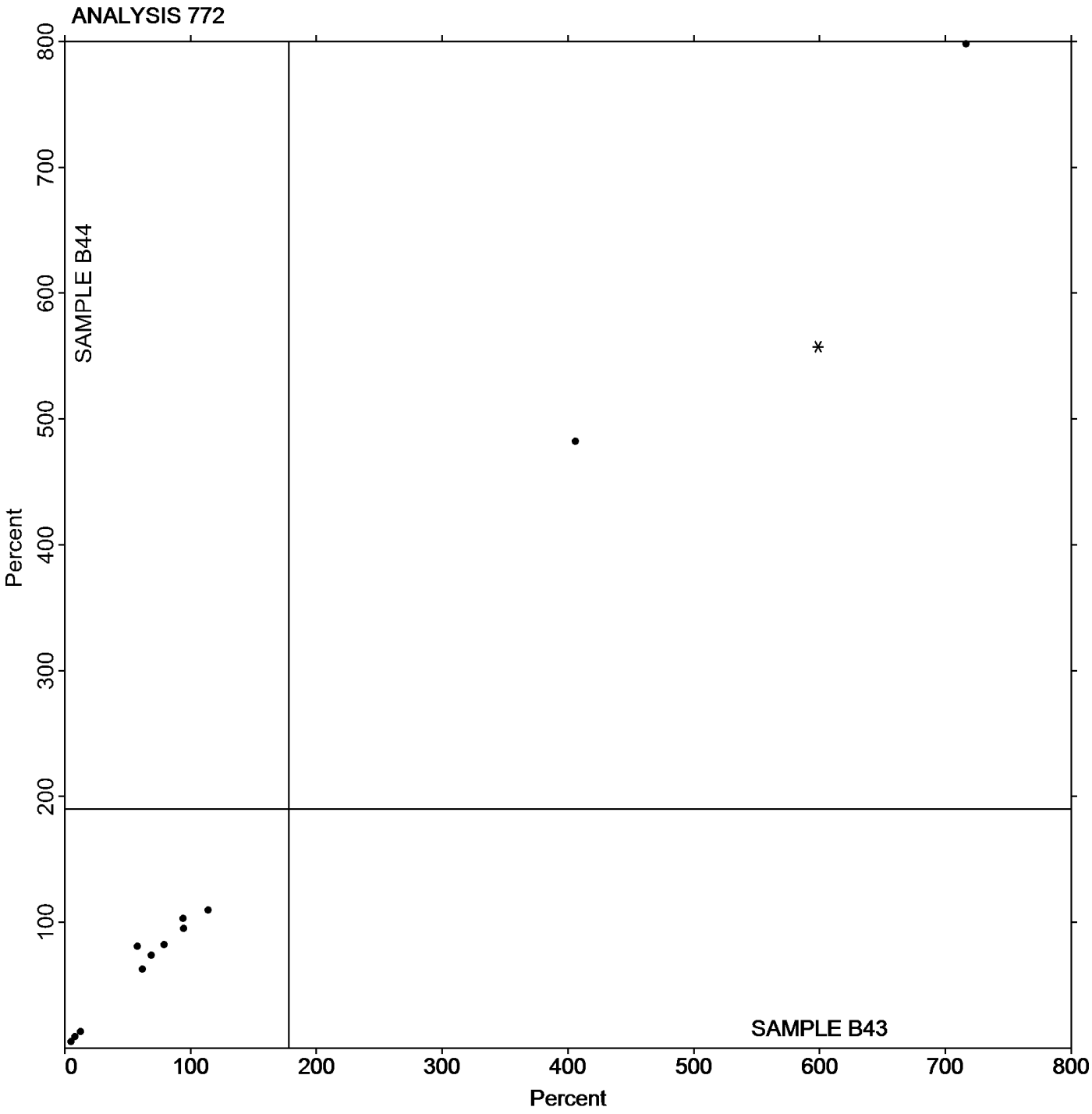
Sample B43: LDPE & Sample B44: LDPE

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

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B43: 178.26 Percent Grand Mean Sample B44: 190.17 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 B43 Lab Mean	Sample B43 Diff from Grand Mean	Sample B43 CPV	Sample B44 Lab Mean	Sample B44 Diff from Grand Mean	Sample B44 CPV	Instr Code
39JUZ8		712.9	90.1	0.70	751.9	76.7	0.53	IN
4MJVC9		560.5	-62.2	-0.48	635.7	-39.6	-0.27	MT
62VR8V		641.8	19.0	0.15	635.0	-40.3	-0.28	IN
7R3X94		617.0	-5.8	-0.04	723.7	48.4	0.34	IN
8MMK8G		802.4	179.6	1.40	802.7	127.4	0.88	SH
9H8GUK		518.0	-104.8	-0.81	528.0	-147.3	-1.02	WZ
AT38TW		515.2	-107.6	-0.84	566.6	-108.7	-0.75	IN
D4977M		656.8	34.1	0.26	731.0	55.8	0.39	SH
FB4XD9		774.9	152.1	1.18	834.2	158.9	1.10	IN
MGRV3W		575.0	-47.8	-0.37	511.6	-163.7	-1.13	MT
MHLGX9		538.8	-84.0	-0.65	603.8	-71.5	-0.49	IN
Q3TDJZ		659.3	36.5	0.28	711.6	36.3	0.25	IN
TN8MTW		843.8	221.0	1.72	997.9	322.6	2.23	IN
UYK8QX		380.3	-242.5	-1.89	483.9	-191.4	-1.32	XX
XFFX2A		716.3	93.5	0.73	798.1	122.8	0.85	IN
YZ7AQU		451.1	-171.7	-1.33	488.4	-186.9	-1.29	UC

Summary Statistics

	Sample B43	Sample B44
Grand Means	622.75 Percent	675.26 Percent
Stnd Dev Btwn Labs	128.59 Percent	144.56 Percent

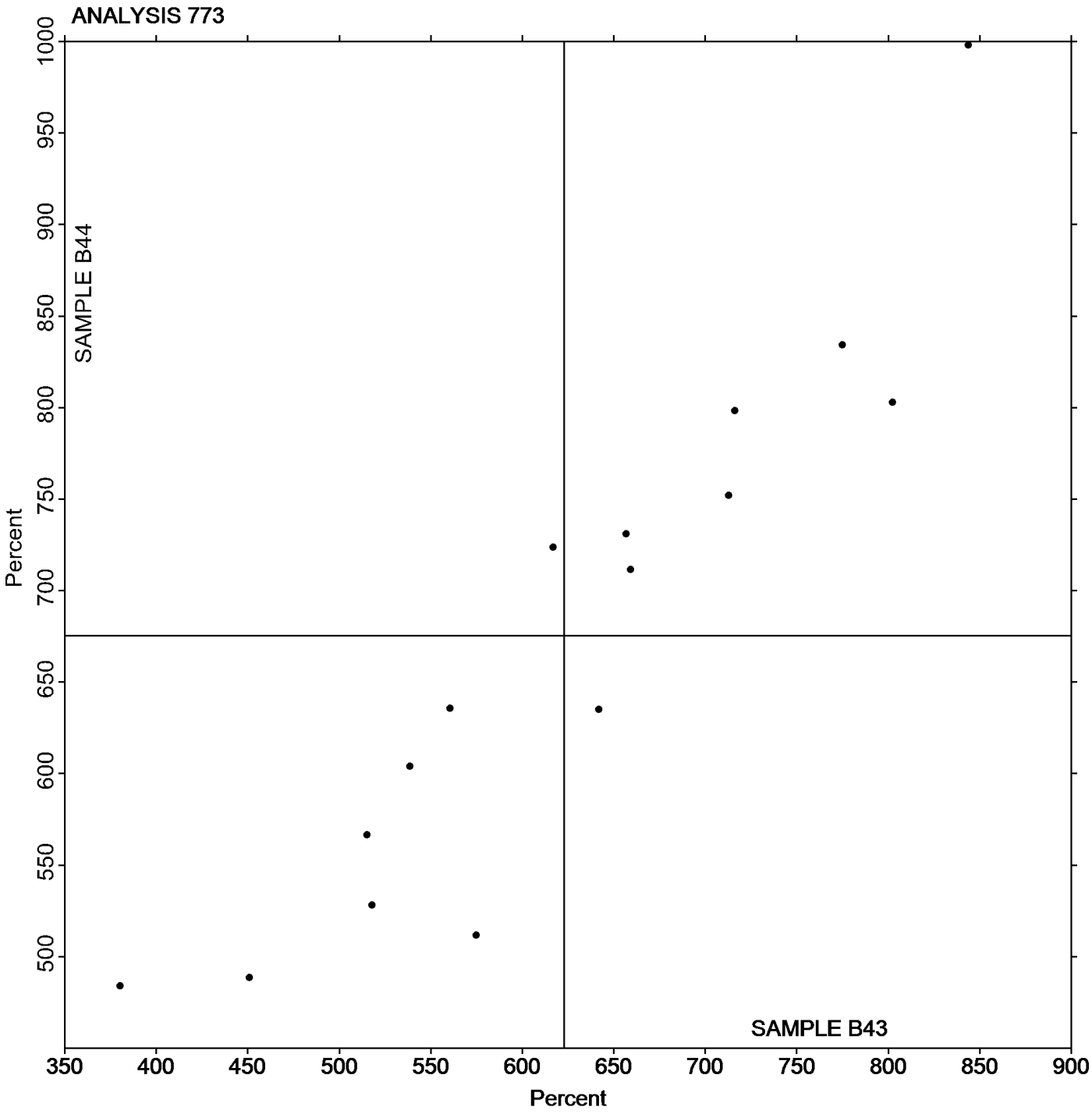
Statistics based on 16 of 16 reporting participants

Sample B43: LDPE & Sample B44: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B43: 622.75 Percent Grand Mean Sample B44: 675.26 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 B43 Lab Mean	Sample B43 Diff from Grand Mean	Sample B43 CPV	Sample B44 Lab Mean	Sample B44 Diff from Grand Mean	Sample B44 CPV
39JUZ8		2.9882	0.0104	0.09	3.0157	-0.0654	-0.74
4MJVC9		3.1250	0.1472	1.30	3.2550	0.1738	1.97
62VR8V		3.0276	0.0498	0.44	3.0316	-0.0496	-0.56
7R3X94		2.9470	-0.0308	-0.27	2.9950	-0.0862	-0.98
8MMK8G	X	44.0945	41.1167	362.00	40.7874	37.7062	427.72
9H8GUK		2.7091	-0.2687	-2.37	3.0186	-0.0626	-0.71
AT38TW		3.0001	0.0222	0.20	3.1418	0.0606	0.69
D4977M		2.9138	-0.0640	-0.56	3.0485	-0.0327	-0.37
FB4XD9		2.9600	-0.0178	-0.16	2.9900	-0.0912	-1.03
HTY42T		2.9000	-0.0778	-0.69	3.0110	-0.0702	-0.80
MGRV3W		2.9921	0.0143	0.13	3.0709	-0.0103	-0.12
MHLGX9		3.0830	0.1052	0.93	3.2190	0.1378	1.56
Q3TDJZ		2.9200	-0.0578	-0.51	3.0500	-0.0312	-0.35
TN8MTW		2.9940	0.0162	0.14	3.0760	-0.0052	-0.06
UYK8QX		3.1103	0.1325	1.17	3.1182	0.0370	0.42
XFFX2A		2.9500	-0.0278	-0.25	3.1500	0.0688	0.78
YZ7AQU		3.1800	0.2022	1.78	3.2200	0.1388	1.57
ZYNTT8		2.8230	-0.1548	-1.36	2.9690	-0.1122	-1.27

Summary Statistics

	Sample B43	Sample B44
Grand Means	2.97784 mils	3.08119 mils
Stnd Dev Btwn Labs	0.11358 mils	0.08816 mils

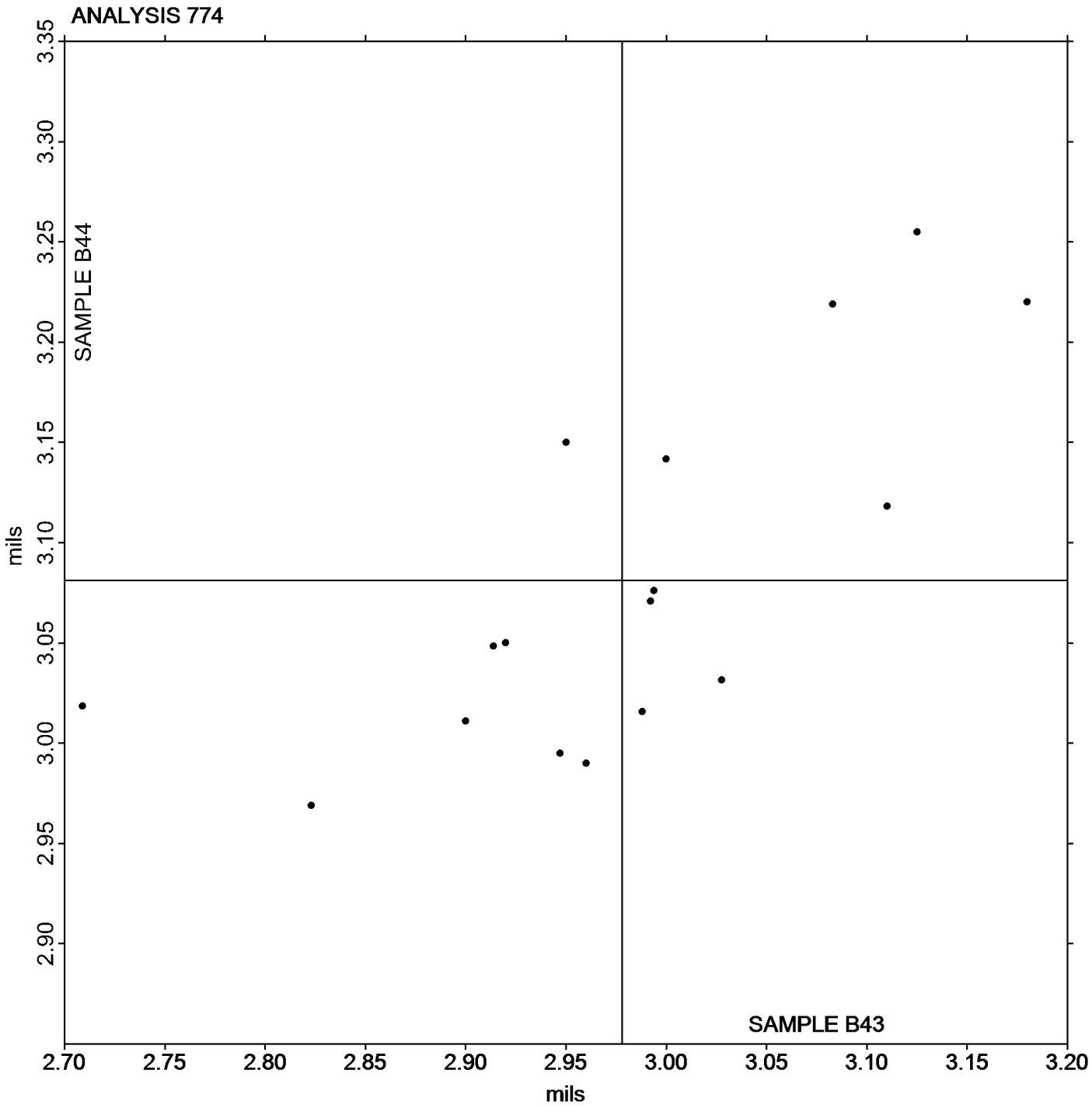
Statistics based on 17 of 18 reporting participants

Sample B43: LDPE & Sample B44: LDPE

Comments on Assigned Data Flags for Test #774

8MMK8G (X) - Extreme data.

Grand Mean Sample B43: 2.9778 mils Grand Mean Sample B44: 3.0812 mils



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

WebCode	Data Flag	Sample B43 Lab Mean	Sample B43 Diff from Grand Mean	Sample B43 CPV	Sample B44 Lab Mean	Sample B44 Diff from Grand Mean	Sample B44 CPV	Instr Code
39JUZ8		22,332	-7,421	-1.14	21,844	-8,230	-1.14	IN
4MJVC9		30,588	835	0.13	31,407	1,333	0.18	MT
62VR8V		28,515	-1,238	-0.19	28,123	-1,951	-0.27	IN
7R3X94		26,971	-2,782	-0.43	27,126	-2,949	-0.41	IN
9H8GUK		32,851	3,098	0.47	30,980	906	0.13	WZ
D4977M		45,114	15,361	2.35	47,235	17,161	2.38	SH
FB4XD9		31,441	1,687	0.26	31,517	1,443	0.20	IN
MGRV3W		31,733	1,980	0.30	32,707	2,633	0.36	XX
MHLGX9		31,767	2,014	0.31	32,642	2,568	0.36	IN
Q3TDJZ		21,186	-8,567	-1.31	21,361	-8,714	-1.21	IN
TN8MTW		34,533	4,780	0.73	36,389	6,315	0.87	IN
UYK8QX		20,061	-9,692	-1.48	19,279	-10,795	-1.50	XX
XFFX2A		29,699	-54	-0.01	30,354	280	0.04	IN

Summary Statistics

	Sample B43	Sample B44
Grand Means	29,753.1 psi	30,074.2 psi
Stnd Dev Btwn Labs	6,529.5 psi	7,218.9 psi

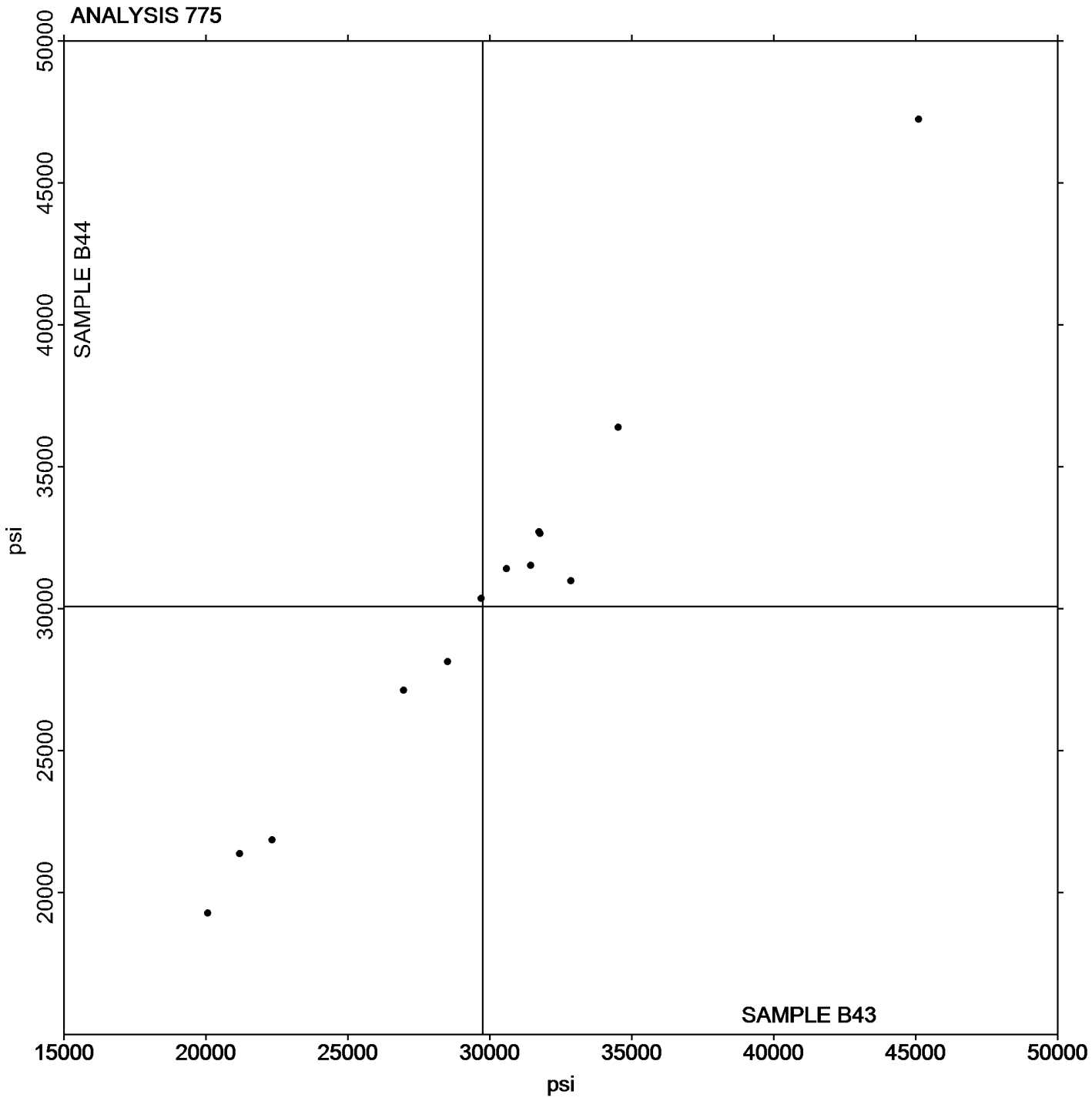
Statistics based on 13 of 13 reporting participants

Sample B43: LDPE & Sample B44: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B43: 29,753.10 psi Grand Mean Sample B44: 30,074.16 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 B43 Lab Mean	Sample B43 Diff from Grand Mean	Sample B43 CPV	Sample B44 Lab Mean	Sample B44 Diff from Grand Mean	Sample B44 CPV	Instr Code
39JUZ8		24,462	-1,846	-0.75	24,840	-1,613	-0.61	IN
4MJVC9		26,969	661	0.27	27,642	1,190	0.45	MT
62VR8V		26,020	-288	-0.12	26,267	-186	-0.07	IN
7R3X94		22,224	-4,084	-1.66	22,291	-4,161	-1.58	IN
9H8GUK		26,296	-12	0.00	24,657	-1,796	-0.68	WZ
D4977M		31,778	5,471	2.22	31,973	5,521	2.10	SH
FB4XD9		26,900	593	0.24	26,779	327	0.12	IN
MGRV3W		27,324	1,016	0.41	27,924	1,472	0.56	XX
Q3TDJZ		23,220	-3,088	-1.26	23,462	-2,991	-1.14	IN
TN8MTW		28,106	1,798	0.73	29,447	2,995	1.14	IN
UYK8QX		27,157	849	0.35	26,569	117	0.04	XX
XFFX2A		25,238	-1,070	-0.43	25,577	-875	-0.33	IN

Summary Statistics

	Sample B43	Sample B44
Grand Means	26,307.7 psi	26,452.2 psi
Stnd Dev Btwn Labs	2,459.7 psi	2,629.2 psi

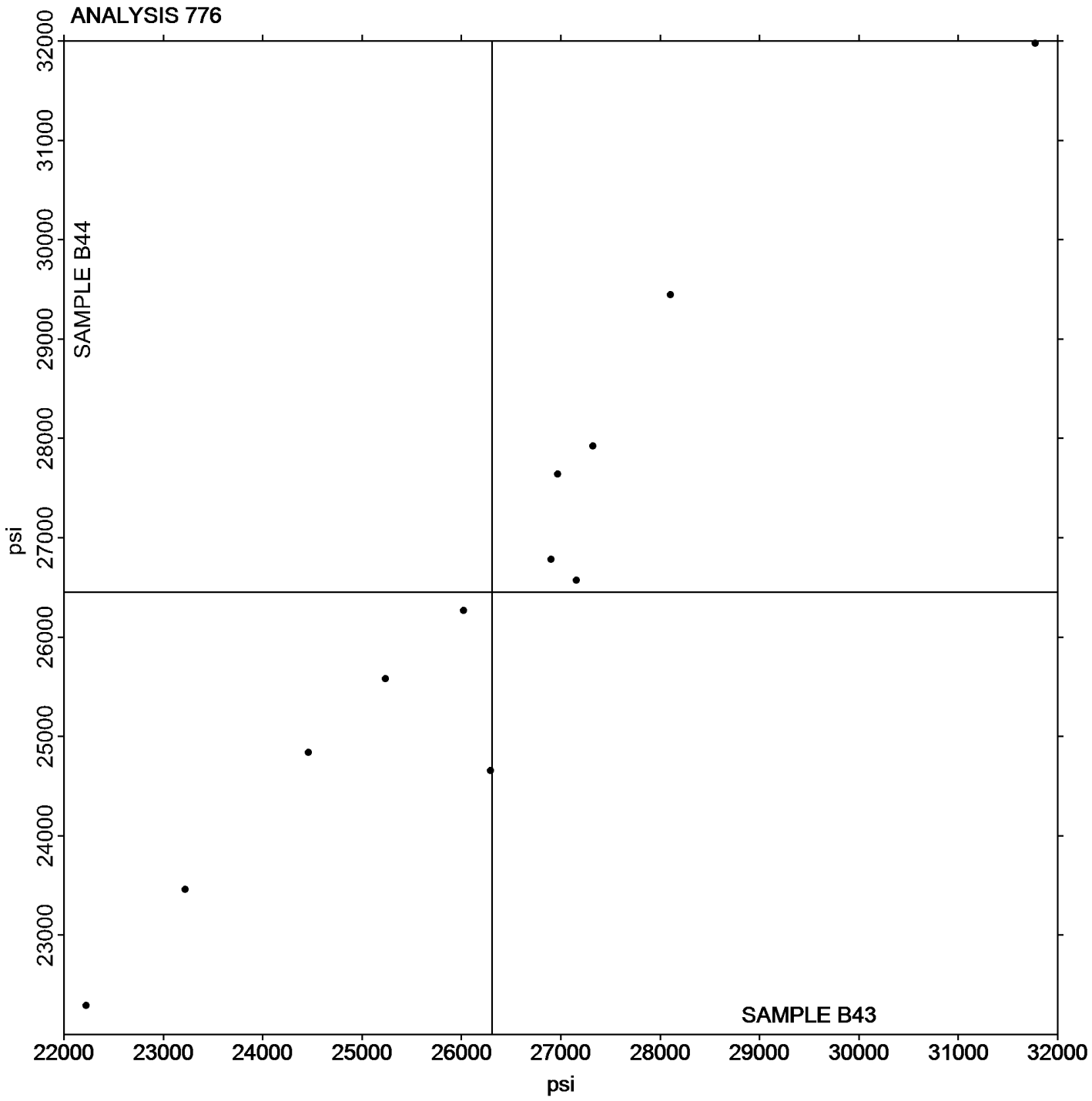
Statistics based on 12 of 12 reporting participants

Sample B43: LDPE & Sample B44: LDPE

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample B43: 26,307.73 psi Grand Mean Sample B44: 26,452.22 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 P43 Lab Mean	Sample P43 Diff from Grand Mean	Sample P43 CPV	Sample P44 Lab Mean	Sample P44 Diff from Grand Mean	Sample P44 CPV	Instr Code
4MJVC9		0.2294	0.0405	0.48	0.2562	0.0770	1.05	MI
8MMK8G		0.1828	-0.0061	-0.07	0.1344	-0.0448	-0.61	SA
9H8GUK		0.1972	0.0083	0.10	0.1860	0.0068	0.09	TH
D4977M		0.3523	0.1634	1.94	0.3118	0.1327	1.80	SA
FB4XD9		0.2598	0.0709	0.84	0.2522	0.0730	0.99	IS
HEZ7VM		0.1179	-0.0711	-0.84	0.1223	-0.0569	-0.77	IG
MHLGX9		0.1186	-0.0703	-0.83	0.1114	-0.0678	-0.92	TH
Q3TDJZ		0.1130	-0.0759	-0.90	0.0960	-0.0832	-1.13	TN
TUV934		0.2770	0.0881	1.04	0.2166	0.0374	0.51	TH
UYK8QX		0.1550	-0.0339	-0.40	0.1882	0.0090	0.12	RD
ZWY943		0.0752	-0.1137	-1.35	0.0958	-0.0834	-1.13	IG

Summary Statistics

	Sample P43	Sample P44
Grand Means	0.18893 COF	0.17918 COF
Stnd Dev Btwn Labs	0.08430 COF	0.07355 COF

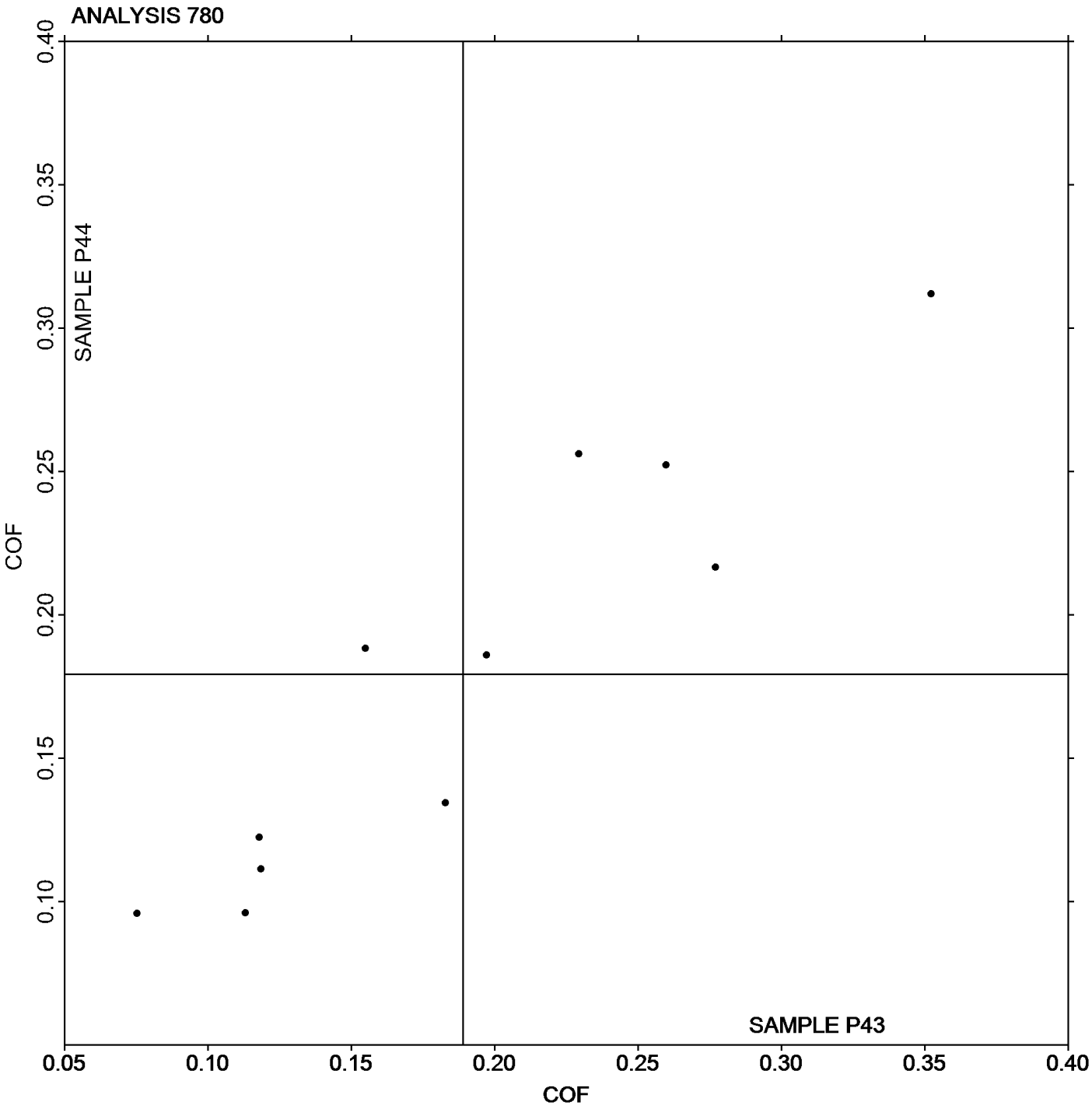
Statistics based on 11 of 11 reporting participants

Sample P43: LDPE & Sample P44: LDPE

Key to Instrument Codes Reported by Participants

IG	Instron	IS	Instron 5000 Series
MI	MTS Insight	RD	RDM CF
SA	Shimadzu Autograph	TH	Thwing Albert Friction/Peel Tester Model 225-1
TN	TMI #32-06		

Grand Mean Sample P43: 0.18893 COF Grand Mean Sample P44: 0.17918 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 P43 Lab Mean	Sample P43 Diff from Grand Mean	Sample P43 CPV	Sample P44 Lab Mean	Sample P44 Diff from Grand Mean	Sample P44 CPV	Instr Code
4MJVC9		0.1148	-0.0036	-0.06	0.1240	0.0135	0.25	MI
8MMK8G		0.0800	-0.0384	-0.61	0.0710	-0.0395	-0.74	SA
9H8GUK		0.0860	-0.0324	-0.51	0.0964	-0.0141	-0.26	TH
D4977M		0.2201	0.1017	1.61	0.1894	0.0789	1.47	SA
FB4XD9		0.1412	0.0228	0.36	0.1176	0.0071	0.13	IS
HEZ7VM		0.1030	-0.0154	-0.24	0.0878	-0.0227	-0.42	IG
MHLGX9		0.1122	-0.0062	-0.10	0.1074	-0.0031	-0.06	TH
Q3TDJZ		0.0614	-0.0570	-0.90	0.0524	-0.0581	-1.08	TN
TUV934		0.2218	0.1034	1.64	0.1770	0.0665	1.24	TH
UYK8QX		0.1496	0.0312	0.49	0.1730	0.0625	1.17	RD
ZWY943		0.0122	-0.1062	-1.68	0.0196	-0.0909	-1.70	IG

Summary Statistics

	Sample P43	Sample P44
Grand Means	0.11839 COF	0.11051 COF
Stnd Dev Btwn Labs	0.06314 COF	0.05359 COF

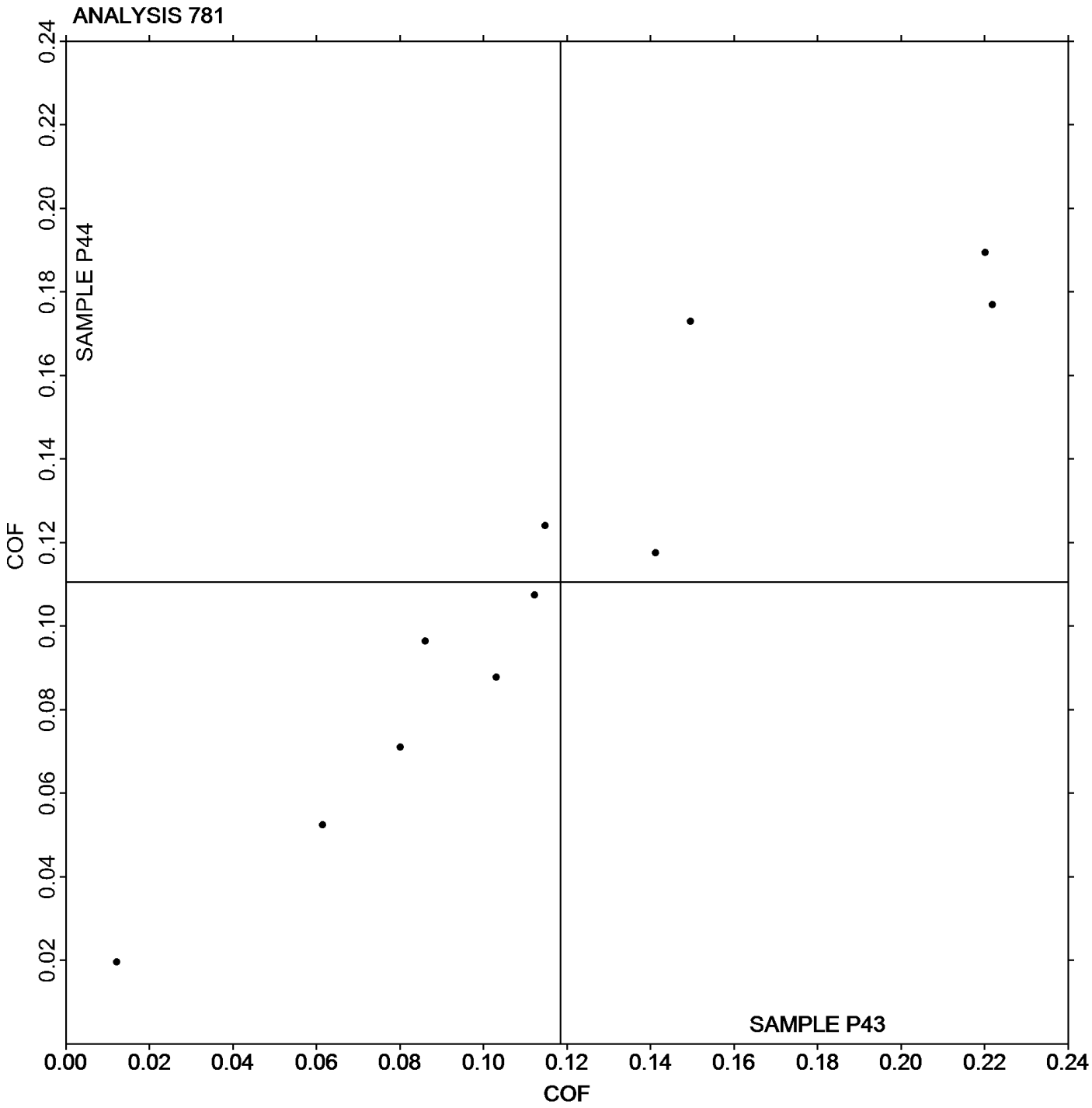
Statistics based on 11 of 11 reporting participants

Sample P43: LDPE & Sample P44: LDPE

Key to Instrument Codes Reported by Participants

IG	Instron	IS	Instron 5000 Series
MI	MTS Insight	RD	RDM CF
SA	Shimadzu Autograph	TH	Thwing Albert Friction/Peel Tester Model 225-1
TN	TMI #32-06		

Grand Mean Sample P43: 0.11839 COF Grand Mean Sample P44: 0.11051 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 Q43 Lab Mean	Sample Q43 Diff from Grand Mean	Sample Q43 CPV	Sample Q44 Lab Mean	Sample Q44 Diff from Grand Mean	Sample Q44 CPV	Instr Code
4MJVC9		130.0	-8.5	-0.52	138.6	5.2	0.19	TE
8MMK8G		114.2	-24.3	-1.50	105.6	-27.8	-1.02	EM
9H8GUK		156.5	18.0	1.11	157.1	23.7	0.87	TA
AT38TW		159.4	20.9	1.29	186.9	53.5	1.97	SZ
D4977M		133.0	-5.5	-0.34	118.1	-15.3	-0.57	TE
FB4XD9		154.1	15.6	0.97	109.7	-23.7	-0.88	TE
MGRV3W		131.1	-7.4	-0.46	124.2	-9.2	-0.34	TA
MHLGX9		129.6	-8.9	-0.55	127.1	-6.3	-0.23	TE

Summary Statistics

	Sample Q43	Sample Q44
Grand Means	138.50 grams-force	133.42 grams-force
Stnd Dev Btwn Labs	16.16 grams-force	27.11 grams-force

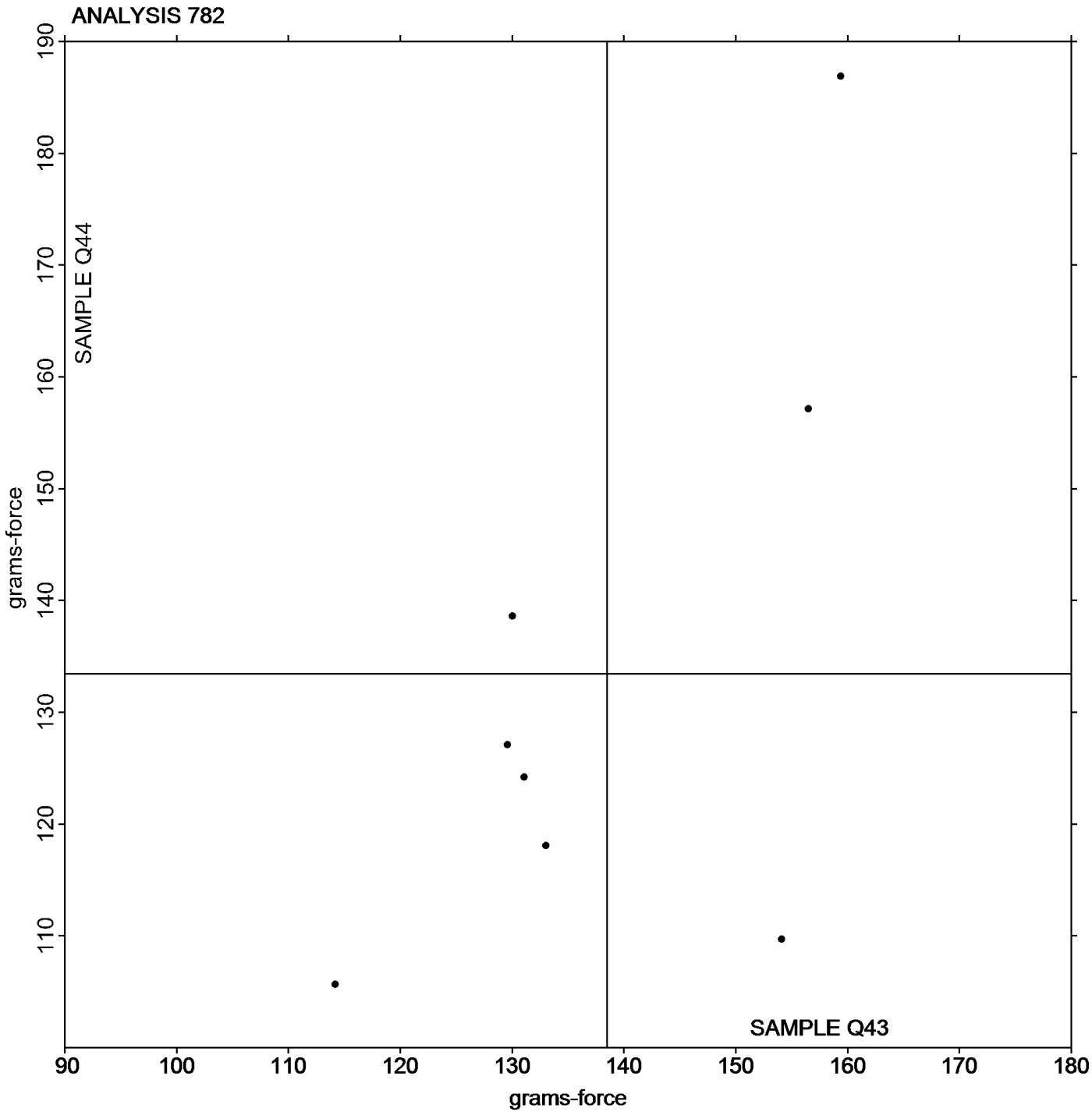
Statistics based on 8 of 8 reporting participants

Sample Q43: LDPE & Sample Q44: LDPE

Key to Instrument Codes Reported by Participants

EM	Elmendorf Tear Tester	SZ	Textest FX 3700
TA	Thwing-Albert	TE	Thwing-Albert Pro Tear

Grand Mean Sample Q43: 138.50 grams-force Grand Mean Sample Q44: 133.42 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 D43 Lab Mean	Sample D43 Diff from Grand Mean	Sample D43 CPV	Sample D44 Lab Mean	Sample D44 Diff from Grand Mean	Sample D44 CPV	Instr Code
46WBU4		28.250	1.216	0.49	33.450	0.631	0.20	BJ
4MJVC9		27.975	0.941	0.38	34.838	2.018	0.65	BJ
7R3X94	*	22.454	-4.581	-1.83	31.505	-1.314	-0.42	HC
82AR84		31.500	4.466	1.78	37.513	4.693	1.52	DA
9KGGVK		28.225	1.191	0.48	34.350	1.531	0.49	BG
A4NBXB		27.325	0.291	0.12	33.188	0.368	0.12	BJ
AJXXNT		27.425	0.391	0.16	34.538	1.718	0.56	BJ
AT38TW		27.750	0.716	0.29	34.050	1.231	0.40	BJ
AZ68CY		22.876	-4.158	-1.66	28.025	-4.794	-1.55	XR
BKR4LX		29.313	2.278	0.91	31.625	-1.194	-0.39	DS
D4977M		28.400	1.366	0.55	33.750	0.931	0.30	BJ
FB4XD9		27.938	0.903	0.36	34.025	1.206	0.39	BT
FE498M		28.163	1.128	0.45	34.413	1.593	0.52	BJ
JA4UJN		22.574	-4.461	-1.78	28.406	-4.413	-1.43	XR
KDTZ44		28.425	1.391	0.56	31.500	-1.319	-0.43	BJ
M6ETJK		23.803	-3.232	-1.29	27.961	-4.858	-1.57	HL
MHLGX9		27.163	0.128	0.05	34.188	1.368	0.44	BJ
PDJHCA		24.901	-2.133	-0.85	30.966	-1.853	-0.60	BH
Q3TDJZ		27.625	0.591	0.24	35.888	3.068	0.99	BJ
R3DCHJ		28.163	1.128	0.45	34.050	1.231	0.40	BJ
RHKFVX		28.776	1.742	0.70	33.664	0.845	0.27	BJ
TN8MTW		28.375	1.341	0.54	35.150	2.331	0.75	BJ
UZJALU		28.300	1.266	0.51	36.363	3.543	1.15	BJ
WFJYTB		28.175	1.141	0.46	32.563	-0.257	-0.08	BJ
ZJRP4M	*	20.923	-6.112	-2.44	23.173	-9.647	-3.12	XR
ZYNTT8		28.100	1.066	0.43	34.163	1.343	0.43	BJ

Summary Statistics

	Sample D43	Sample D44
Grand Means	27.0344 Percent	32.8192 Percent
Stnd Dev Btwn Labs	2.5026 Percent	3.0927 Percent

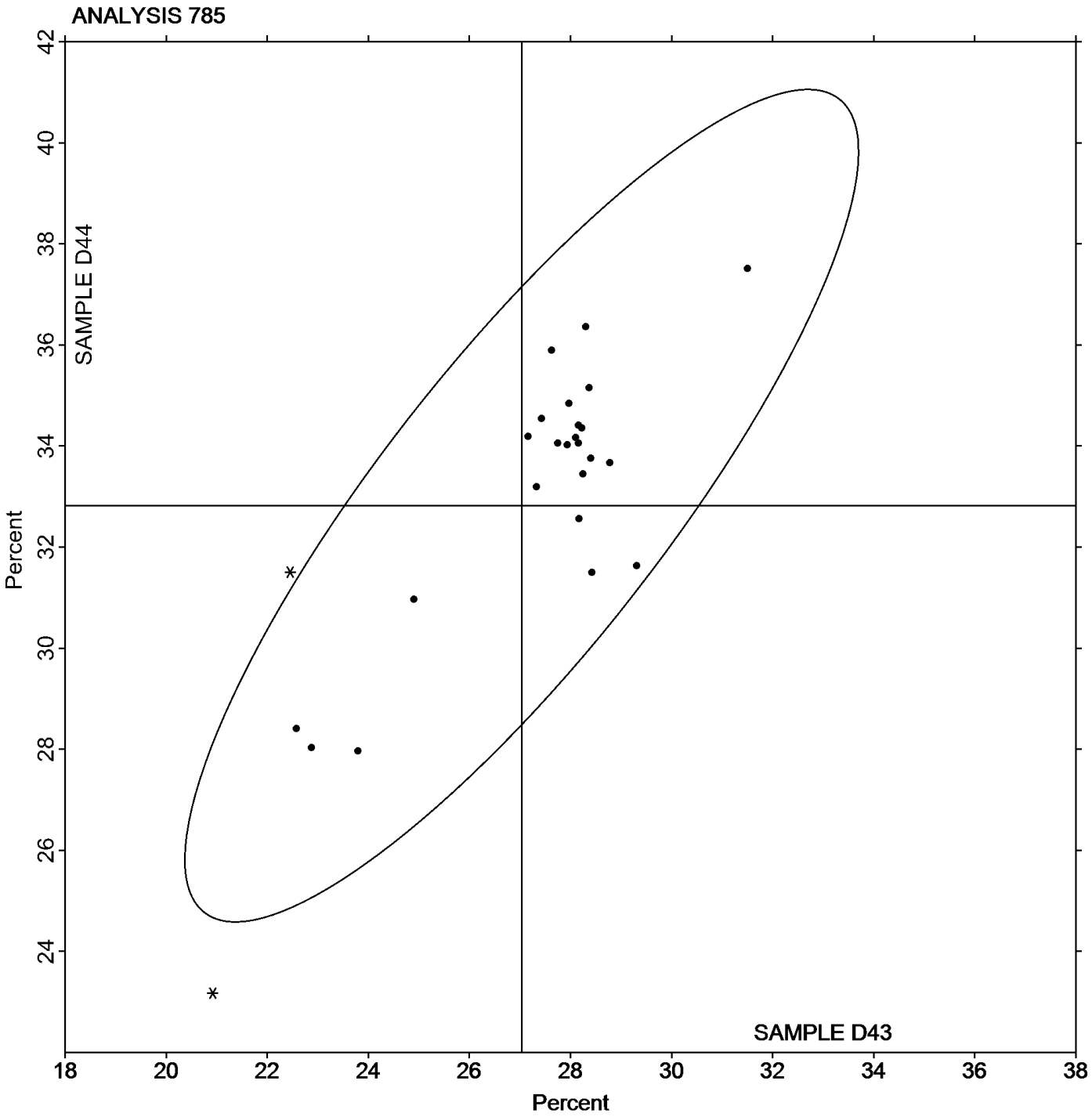
Statistics based on 26 of 26 reporting participants

Sample D43: LDPE & Sample D44: LDPE

Key to Instrument Codes Reported by Participants

BG	BYK-Gardner/Pacific Scientific	BH	BYK-Gardner/Pacific Scientific Model XL-211
BJ	BYK-Gardner Haze-Gard Plus	BT	BYK Gardner TCS Series
DA	Datacolor SF 600 Series	DS	Diffusion Systems EEL 57D Hazemeter
HC	Hunterlab ColorQuest	HL	Hunterlab Ultrascan
XR	X-Rite Spectrocolorimeter (any model)		

Grand Mean Sample D43: 27.034 Percent Grand Mean Sample D44: 32.819 Percent



WebCode	Data Flag	Sample D43 Lab Mean	Sample D43 Diff from Grand Mean	Sample D43 CPV	Sample D44 Lab Mean	Sample D44 Diff from Grand Mean	Sample D44 CPV	Instr Code
46WBU4		93.13	1.27	0.76	93.05	1.29	0.76	BJ
4MJVC9		91.63	-0.23	-0.14	91.68	-0.09	-0.05	BJ
7R3X94		89.49	-2.37	-1.41	89.54	-2.22	-1.31	HC
82AR84		89.27	-2.58	-1.54	89.10	-2.66	-1.57	DA
9KGGVK		92.69	0.83	0.50	92.56	0.80	0.47	BG
A4NBXB		92.06	0.21	0.12	91.69	-0.08	-0.05	BJ
AJXXNT		92.88	1.02	0.61	92.81	1.05	0.62	BJ
AT38TW		90.30	-1.55	-0.92	90.20	-1.56	-0.92	BJ
AZ68CY		91.30	-0.56	-0.33	91.32	-0.45	-0.26	XR
D4977M		92.31	0.46	0.27	92.18	0.41	0.24	BJ
FB4XD9		92.89	1.03	0.61	92.83	1.06	0.63	BJ
FE498M		92.36	0.51	0.30	92.08	0.31	0.18	BJ
JA4UJN		91.02	-0.83	-0.50	90.83	-0.94	-0.55	XR
KDTZ44		92.44	0.58	0.35	92.59	0.82	0.49	BJ
M6ETJK		88.94	-2.92	-1.74	88.79	-2.97	-1.75	HL
MHLGX9		93.89	2.03	1.21	93.88	2.11	1.25	BJ
PDJHCA		91.46	-0.39	-0.23	91.31	-0.45	-0.27	BH
Q3TDJZ		93.26	1.41	0.84	93.24	1.47	0.87	BJ
R3DCHJ		93.55	1.70	1.01	93.51	1.75	1.03	BJ
RHKFVX		93.20	1.35	0.80	93.03	1.26	0.75	BJ
TN8MTW		92.69	0.83	0.50	92.65	0.89	0.52	BJ
UZJALU	*	87.30	-4.55	-2.71	87.19	-4.58	-2.70	BJ
WFJYTB		92.89	1.03	0.61	92.65	0.89	0.52	BJ
ZJRP4M		91.43	-0.43	-0.26	91.44	-0.33	-0.19	XR
ZYNTT8		94.00	2.15	1.28	93.98	2.21	1.31	BJ

Summary Statistics

	Sample D43	Sample D44
Grand Means	91.854 Percent	91.764 Percent
Stnd Dev Btwn Labs	1.681 Percent	1.693 Percent

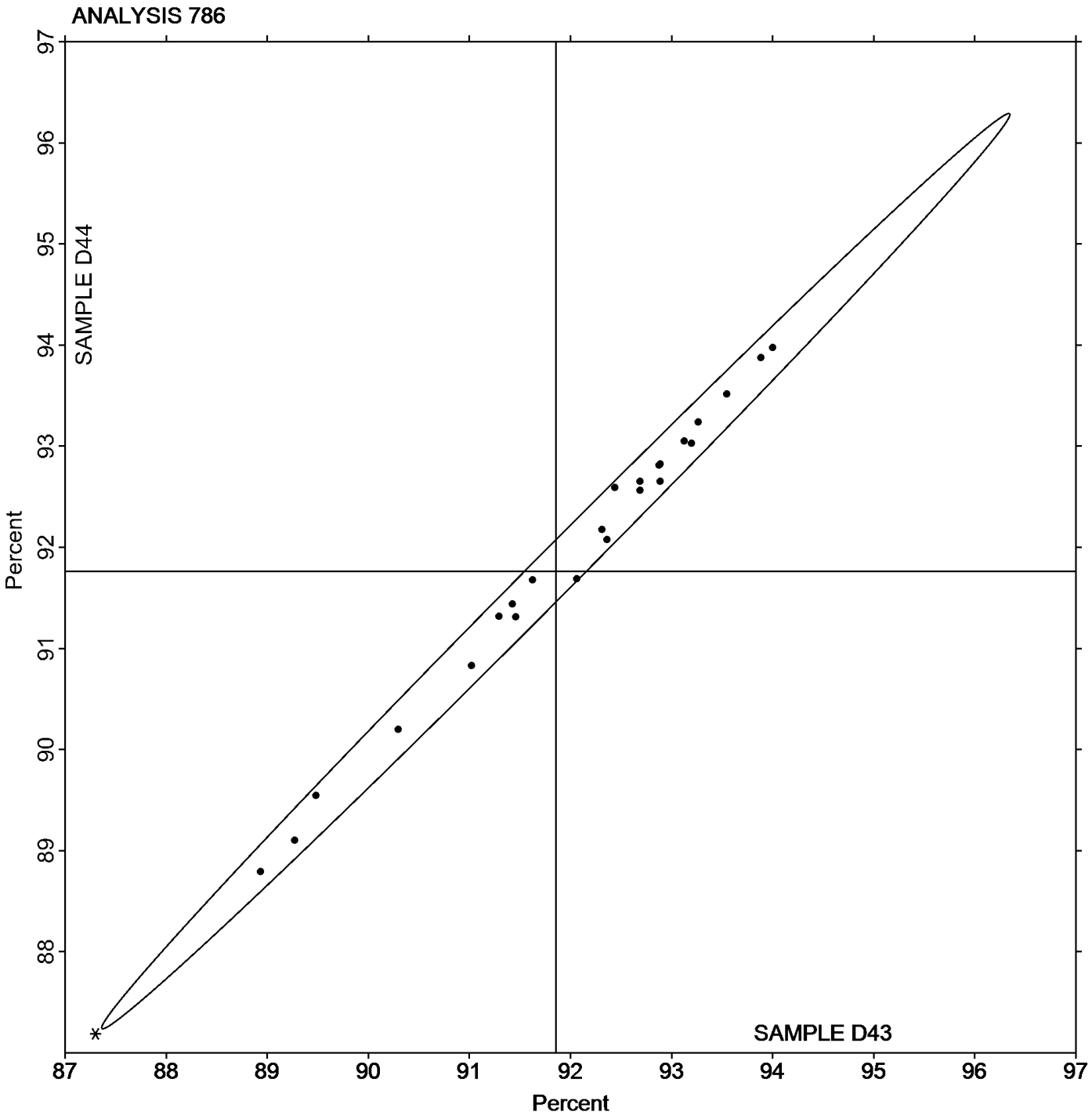
Statistics based on 25 of 25 reporting participants

Sample D43: LDPE & Sample D44: LDPE

Key to Instrument Codes Reported by Participants

BG	BYK-Gardner/Pacific Scientific	BH	BYK-Gardner/Pacific Scientific Model XL-211
BJ	BYK-Gardner Haze-Gard Plus	DA	Datacolor SF 600 Series
HC	Hunterlab ColorQuest	HL	Hunterlab Ultrascan XE
XR	X-Rite Spectrocolorimeter (any model)		

Grand Mean Sample D43: 91.854 Percent Grand Mean Sample D44: 91.764 Percent



WebCode	Data Flag	Sample S43 Lab Mean	Sample S43 Diff from Grand Mean	Sample S43 CPV	Sample S44 Lab Mean	Sample S44 Diff from Grand Mean	Sample S44 CPV	Instr Code
23HWDY		1.75	0.04	0.40	2.97	0.09	0.35	TO
2K3RPL		1.65	-0.05	-0.47	2.65	-0.22	-0.83	TO
388XU4		1.67	-0.03	-0.30	3.00	0.12	0.46	CE
39JUZ8	X	2.46	0.76	6.75	2.60	-0.27	-1.01	WZ
4ELW49		1.78	0.07	0.64	2.99	0.12	0.45	TO
4FZPF3	X	2.35	0.65	5.78	3.10	0.23	0.86	IN
4MJVC9		1.78	0.07	0.66	3.08	0.20	0.76	TO
6AQNWJ		1.70	0.00	0.00	2.90	0.02	0.08	TO
6MB9C7		1.64	-0.06	-0.57	2.98	0.11	0.39	TO
7A78EV	*	1.58	-0.13	-1.15	2.25	-0.63	-2.32	CE
7M84DN		1.79	0.09	0.76	3.12	0.25	0.92	WZ
7Q7KMW		1.58	-0.13	-1.14	2.68	-0.19	-0.71	DY
7R3X94	*	2.01	0.30	2.69	3.62	0.75	2.78	CE
8XNBPH		1.81	0.10	0.92	3.03	0.16	0.59	BA
9H8GUK		1.73	0.03	0.24	2.89	0.01	0.06	WZ
9PQLKY		1.60	-0.10	-0.92	2.43	-0.44	-1.63	WZ
B9U36M		1.90	0.20	1.74	3.34	0.47	1.73	TM
BE69PZ	X	0.70	-1.00	-8.95	0.10	-2.77	-10.27	TM
BUFYJT		1.73	0.02	0.20	3.01	0.13	0.50	XX
BVAKCJ	*	1.99	0.29	2.57	3.42	0.55	2.04	TO
CEVX2T		1.74	0.03	0.29	3.04	0.17	0.63	TM
DJNAKV		1.81	0.10	0.94	2.87	0.00	-0.01	CE
E8P4XB		1.47	-0.23	-2.05	2.45	-0.42	-1.56	TO
EB9ZNL		1.51	-0.20	-1.75	2.32	-0.55	-2.05	XX
EGDYWQ		1.72	0.01	0.10	2.80	-0.08	-0.28	TM
FB4XD9		1.70	-0.01	-0.08	2.73	-0.15	-0.55	TM
FJGW4D		1.69	-0.02	-0.17	2.87	0.00	0.00	TO
FLP6BC		1.63	-0.07	-0.62	2.78	-0.09	-0.33	CE
GUF66U	X	0.40	-1.31	-11.64	0.30	-2.57	-9.53	TO
GUV7AH		1.76	0.06	0.50	3.03	0.15	0.57	TO
HQ9778	*	1.37	-0.34	-3.02	2.30	-0.57	-2.13	TM
J8ENYR		1.76	0.06	0.53	3.05	0.17	0.65	CE
JA2CCC		1.77	0.07	0.62	2.98	0.11	0.41	TO
JCPLKT		1.69	-0.01	-0.10	2.77	-0.11	-0.40	TM
KKGEFP		1.70	-0.01	-0.08	2.91	0.04	0.14	TO

WebCode	Data Flag	Sample S43 Lab Mean	Sample S43 Diff from Grand Mean	Sample S43 CPV	Sample S44 Lab Mean	Sample S44 Diff from Grand Mean	Sample S44 CPV	Instr Code
KYDXMF	X	1.79	0.09	0.78	2.35	-0.52	-1.94	TM
LKBQ7P	*	1.49	-0.22	-1.96	2.15	-0.72	-2.67	TO
LLN8GH		1.51	-0.20	-1.75	2.63	-0.24	-0.89	TO
LVAHXN		1.68	-0.02	-0.18	2.84	-0.04	-0.14	XX
MGRV3W		1.76	0.06	0.50	3.06	0.18	0.68	XX
MHLGX9		1.78	0.08	0.69	3.02	0.15	0.56	CE
NEFDLD		1.77	0.07	0.62	2.96	0.09	0.32	XX
NVK8TC	X	2.00	0.30	2.67	2.94	0.07	0.25	CS
PG3EZY		1.67	-0.03	-0.27	2.98	0.10	0.38	TO
PX4GG4		1.81	0.10	0.90	3.04	0.17	0.63	TO
R3DCHJ		1.63	-0.07	-0.67	2.87	-0.01	-0.03	TO
RUFVE8	X	2.14	0.43	3.87	2.36	-0.51	-1.90	TO
T3PKR6		1.77	0.06	0.55	2.91	0.04	0.15	TO
TN8MTW		1.73	0.03	0.27	2.96	0.09	0.32	TO
TQD8GW		1.76	0.05	0.48	3.07	0.20	0.74	TM
UFQFNC		1.65	-0.05	-0.45	2.89	0.02	0.06	TO
UXU42X		1.72	0.02	0.18	3.06	0.18	0.68	TO
UZJALU		1.74	0.04	0.35	2.87	-0.01	-0.03	TM
W2PEA3	X	0.51	-1.20	-10.69	0.78	-2.09	-7.75	TO
WFJYTB		1.65	-0.06	-0.50	2.91	0.03	0.12	TY
WMFXYQ		1.62	-0.08	-0.74	2.70	-0.18	-0.66	TM
X6YA6P		1.75	0.05	0.43	2.71	-0.16	-0.59	CE
XQYBHT		1.72	0.02	0.13	2.78	-0.10	-0.36	WZ
XUVYUU		1.72	0.02	0.14	2.94	0.07	0.26	TM
XUWQR2		1.74	0.04	0.32	2.70	-0.17	-0.64	TM
Y9BG7U		1.70	0.00	-0.03	3.08	0.20	0.75	CE
YA3LE8		1.72	0.02	0.17	3.06	0.19	0.69	TO
YZ7AQU		1.64	-0.06	-0.56	2.59	-0.28	-1.06	TO
Z9PC22	X	0.58	-1.13	-10.07	0.89	-1.98	-7.36	WZ

Summary Statistics	Sample S43	Sample S44
Grand Means	1.704 ft.lbf/in	2.873 ft.lbf/in
Stnd Dev Btwn Labs	0.112 ft.lbf/in	0.270 ft.lbf/in

Statistics based on 55 of 64 reporting participants

Sample S43: HIPS & Sample S44: HIPS

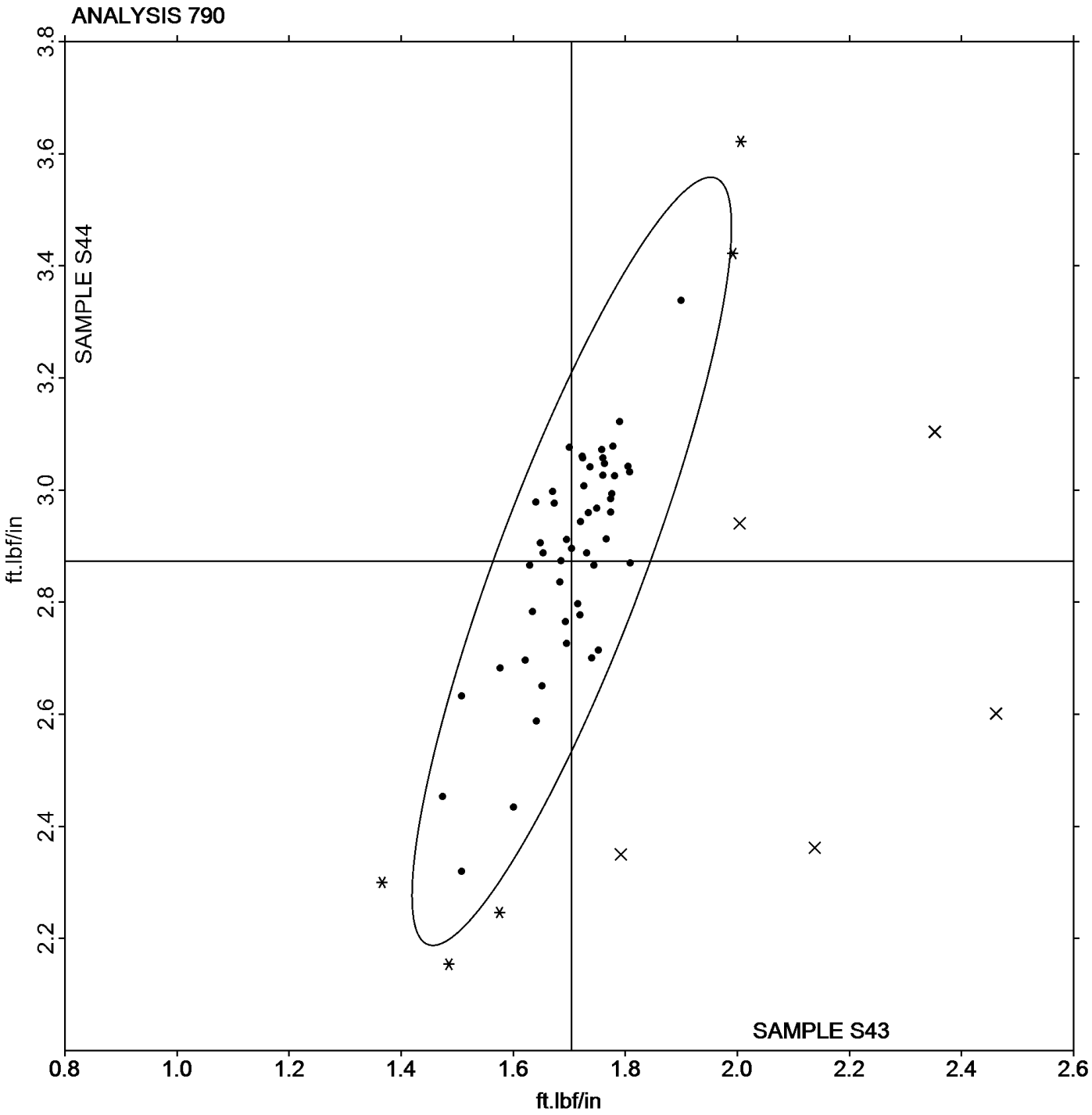
Comments on Assigned Data Flags for Test #790

BE69PZ (X) - Extreme data.
4FZPF3 (X) - Data for sample S43 are high. Inconsistent within the determinations of both samples.
W2PEA3 (X) - Extreme data.
KYDXMF (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample S43.
NVK8TC (X) - Inconsistent in testing between samples. Inconsistent within the determinations of sample S43.
GUF66U (X) - Extreme data.
39JUZ8 (X) - Data for sample S43 are high. Inconsistent within the determinations of sample S43.
RUFVE8 (X) - Data for sample S43 are high.
Z9PC22 (X) - Extreme data.

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 S43: 1.7044 ft.lbf/in Grand Mean Sample S44: 2.8729 ft.lbf/in



WebCode	Data Flag	Sample Z43 Lab Mean	Sample Z43 Diff from Grand Mean	Sample Z43 CPV	Sample Z44 Lab Mean	Sample Z44 Diff from Grand Mean	Sample Z44 CPV	Instr Code
92NF4N		19.47400	0.55861	0.81	19.78580	0.92348	1.34	TO
9CKPMQ		18.30600	-0.60939	-0.89	18.40200	-0.46032	-0.67	CE
9KGGVK		18.46800	-0.44739	-0.65	18.55600	-0.30632	-0.45	WZ
B9BHVA		18.79480	-0.12059	-0.18	18.64680	-0.21552	-0.31	TO
DM8E88		18.56000	-0.35539	-0.52	18.58000	-0.28232	-0.41	TM
E4QRZP	*	21.07040	2.15501	3.14	20.92740	2.06508	3.00	TM
EGDYWQ		18.40960	-0.50579	-0.74	18.47420	-0.38812	-0.56	TM
EHNQ4L	X	8.12640	-10.78899	-15.72	8.21240	-10.64992	-15.47	TM
GZYAYG		18.30000	-0.61539	-0.90	18.08000	-0.78232	-1.14	WZ
JLWFJR		18.31400	-0.60139	-0.88	18.32800	-0.53432	-0.78	WZ
MEJWRN		17.85020	-1.06519	-1.55	17.58720	-1.27512	-1.85	XX
MRRGFM		18.47400	-0.44139	-0.64	18.69920	-0.16312	-0.24	CE
N43AHM		18.22600	-0.68939	-1.00	18.56400	-0.29832	-0.43	TO
NEYJK3		18.98800	0.07261	0.11	18.37200	-0.49032	-0.71	CE
NKKFL8		19.16980	0.25441	0.37	18.97760	0.11528	0.17	CE
PG3EZY		19.06000	0.14461	0.21	18.49160	-0.37072	-0.54	TO
PTYEZH		19.89400	0.97861	1.43	19.50600	0.64368	0.94	CE
Q3TDJZ		19.22000	0.30461	0.44	19.16000	0.29768	0.43	CE
R39W4X		19.04000	0.12461	0.18	18.90000	0.03768	0.05	TO
RBNH9V		18.53540	-0.37999	-0.55	18.65860	-0.20372	-0.30	TM
RUFVE8		19.78600	0.87061	1.27	19.82600	0.96368	1.40	TO
TN8MTW		19.50800	0.59261	0.86	18.67800	-0.18432	-0.27	TO
UFQFNC		18.46000	-0.45539	-0.66	18.46000	-0.40232	-0.58	TO
WDF7V7		19.65600	0.74061	1.08	19.51000	0.64768	0.94	IN
WFJYTB		18.56400	-0.35139	-0.51	18.53200	-0.33032	-0.48	XX
XQYBHT	*	18.89200	-0.02339	-0.03	19.81800	0.95568	1.39	WZ
ZNHVZX		18.78000	-0.13539	-0.20	18.90000	0.03768	0.05	TO

Summary Statistics

	Sample Z43	Sample Z44
Grand Means	18.915392 kJ/m^2	18.862323 kJ/m^2
Stnd Dev Btwn Labs	0.686384 kJ/m^2	0.688296 kJ/m^2

Statistics based on 26 of 27 reporting participants

Sample Z43: ABS & Sample Z44: ABS

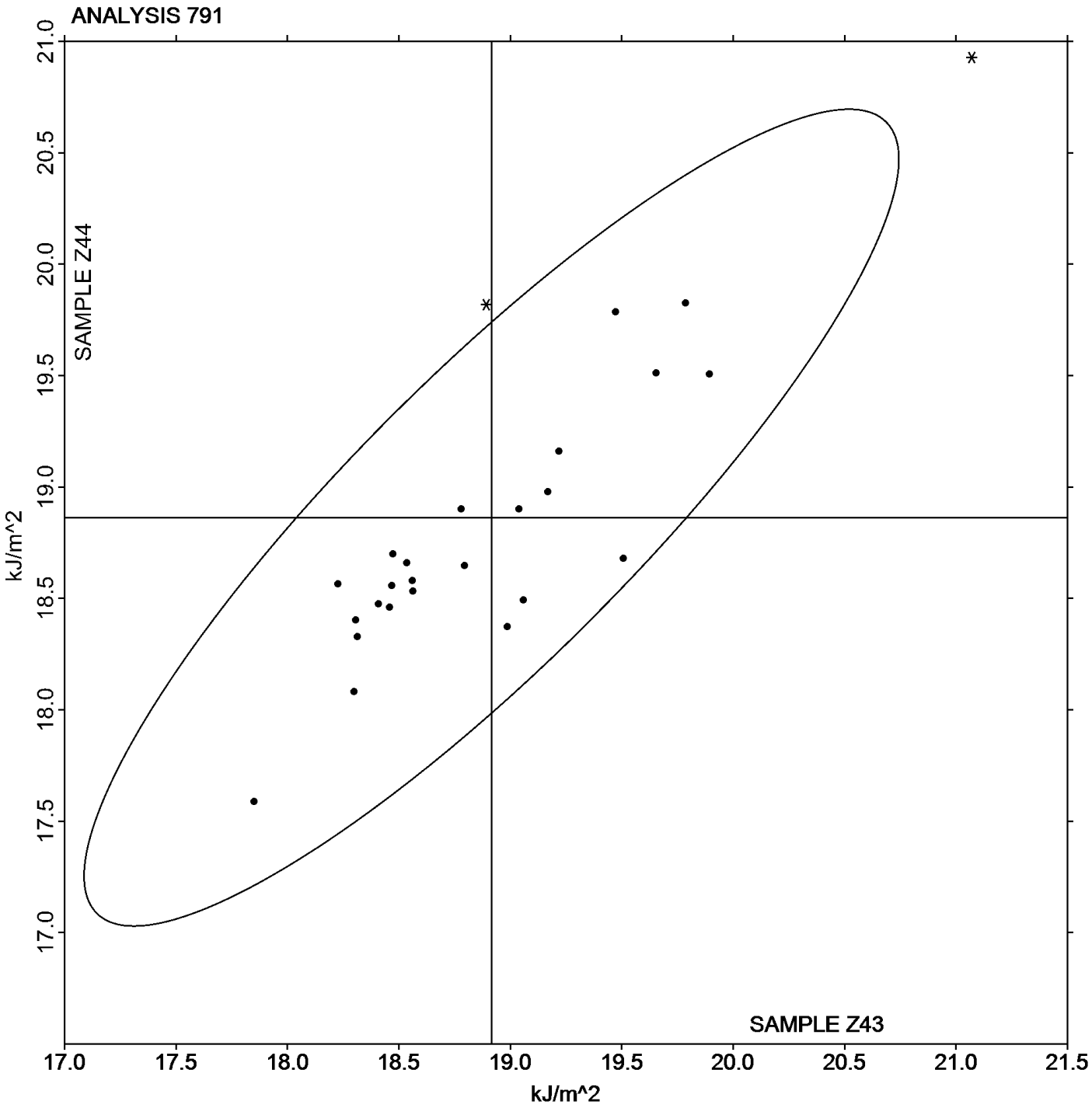
Comments on Assigned Data Flags for Test #791

EHNQ4L (X) - Extreme data.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample Z43: 18.915 kJ/m^2 Grand Mean Sample Z44: 18.862 kJ/m^2



WebCode	Data Flag	Sample M43 Lab Mean	Sample M43 Diff from Grand Mean	Sample M43 CPV	Sample M44 Lab Mean	Sample M44 Diff from Grand Mean	Sample M44 CPV	Instr Code
26PECU		19.33	-0.49	-0.62	19.34	-0.49	-0.62	TM
388XU4		19.60	-0.22	-0.27	20.03	0.20	0.25	CE
6KLZ6Q		20.06	0.24	0.31	20.18	0.35	0.44	IN
6MB9C7		19.10	-0.71	-0.90	18.84	-0.99	-1.25	TO
6PGUZ8		20.21	0.39	0.49	20.57	0.74	0.93	TM
7A78EV		20.50	0.69	0.87	20.09	0.26	0.33	CE
7LTL8X		19.38	-0.44	-0.56	18.53	-1.30	-1.65	WZ
92NF4N		19.07	-0.74	-0.94	19.01	-0.82	-1.04	TO
9H8GUK		18.83	-0.98	-1.24	18.98	-0.85	-1.07	WZ
AZMZ93		19.82	0.00	0.00	20.22	0.39	0.49	WZ
B9BHVA		20.24	0.42	0.53	20.28	0.45	0.56	TO
BUCC4Z		19.54	-0.28	-0.35	19.49	-0.34	-0.43	XX
DF4AG9		19.50	-0.32	-0.40	19.73	-0.10	-0.12	CE
DJNAKV		20.30	0.49	0.62	20.31	0.48	0.60	CE
E4QRZP		21.48	1.66	2.10	21.06	1.23	1.55	TM
E8P4XB	X	3.06	-16.75	-21.19	3.19	-16.64	-21.06	TO
EDBXWU	*	19.52	-0.30	-0.37	20.76	0.93	1.18	WZ
EGDYWQ		20.31	0.50	0.63	19.36	-0.47	-0.59	TM
EHNQ4L		18.18	-1.64	-2.07	18.29	-1.54	-1.94	TM
FLP6BC		18.86	-0.96	-1.21	19.28	-0.55	-0.70	CE
GZYAYG		19.74	-0.08	-0.10	19.32	-0.51	-0.65	WZ
JLWFJR		19.42	-0.39	-0.50	20.16	0.33	0.41	WZ
LVAHXN		18.95	-0.87	-1.10	19.05	-0.78	-0.99	XX
M9V6DF		19.58	-0.24	-0.30	19.46	-0.37	-0.47	XX
MHLGX9		20.29	0.47	0.59	20.52	0.69	0.88	CE
N43AHM		19.70	-0.11	-0.14	19.67	-0.16	-0.21	TO
NEFDLD		19.23	-0.58	-0.74	19.06	-0.77	-0.98	XX
NEYJK3		19.92	0.10	0.13	20.33	0.50	0.63	CE
NKKFL8		21.37	1.56	1.97	20.73	0.90	1.14	CE
PX4GG4		19.96	0.14	0.18	19.66	-0.17	-0.22	TO
Q883WH		19.25	-0.56	-0.71	19.77	-0.06	-0.08	TO
RUFVE8		19.98	0.16	0.20	20.01	0.18	0.22	TO
TQU3LD		20.28	0.46	0.59	20.20	0.37	0.47	CE
UFQFNC		19.18	-0.64	-0.80	19.12	-0.71	-0.90	TO
UZJALU		19.78	-0.04	-0.05	19.45	-0.38	-0.49	TM

WebCode	Data Flag	Sample M43 Lab Mean	Sample M43 Diff from Grand Mean	Sample M43 CPV	Sample M44 Lab Mean	Sample M44 Diff from Grand Mean	Sample M44 CPV	Instr Code
VEXVKD	*	22.07	2.26	2.85	22.24	2.41	3.04	WZ
WFJYTB		20.02	0.20	0.26	20.50	0.67	0.85	TY
WPQMH3		18.71	-1.11	-1.40	18.73	-1.10	-1.39	CE
X2VJYB		20.99	1.17	1.48	20.77	0.94	1.19	WZ
XQYBHT		20.59	0.77	0.97	20.32	0.49	0.62	WZ

Summary Statistics

	Sample M43	Sample M44
Grand Means	19.816 kJ/m^2	19.831 kJ/m^2
Stnd Dev Btwn Labs	0.791 kJ/m^2	0.790 kJ/m^2

Statistics based on 39 of 40 reporting participants

Sample M43: ABS & Sample M44: ABS

Comments on Assigned Data Flags for Test #792

E8P4XB (X) - Extreme data.

Key to Instrument Codes Reported by Participants

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

Grand Mean Sample M43: 19.816 kJ/m^2 Grand Mean Sample M44: 19.831 kJ/m^2