

## Quality Manager Report for the Plastics Interlaboratory Program Cycle #70 - 2nd Qtr 2009

The Quality Manager Report summarizes the performance of a group of laboratories. The laboratories included in this report have been previously identified as members of your management group. To make modifications to the group membership, please contact CTS.

The Quality Manager Report consists of a single, double-sided page for each analysis. The front side page presents a bar chart showing the CPV value for each Lab Mean for all of the laboratories enrolled in that test from your group. Laboratories that did not report data for this cycle will be shown as blanks in the bar charts. Managers should be cautious when examining blanks in the plot as laboratories with CPV's very close to zero may also appear to be blanks; please consult the data table where any missing data will be clearly indicated. The reverse of the page is a data table showing the performance of each laboratory for this cycle and a summary of your group's performance. This page also shows the WebCode for each laboratory. The WebCode is used to identify results in the Participant Summary Report that is now available on our website, [www.collaborativetesting.com](http://www.collaborativetesting.com). In order to maintain confidentiality of results, a laboratory's WebCode will be unique for each analysis and will change with each report.

On the reverse of this introduction page is a guide to the suggested uses of this report. As always, you may contact the CTS for assistance with any aspect of the program.

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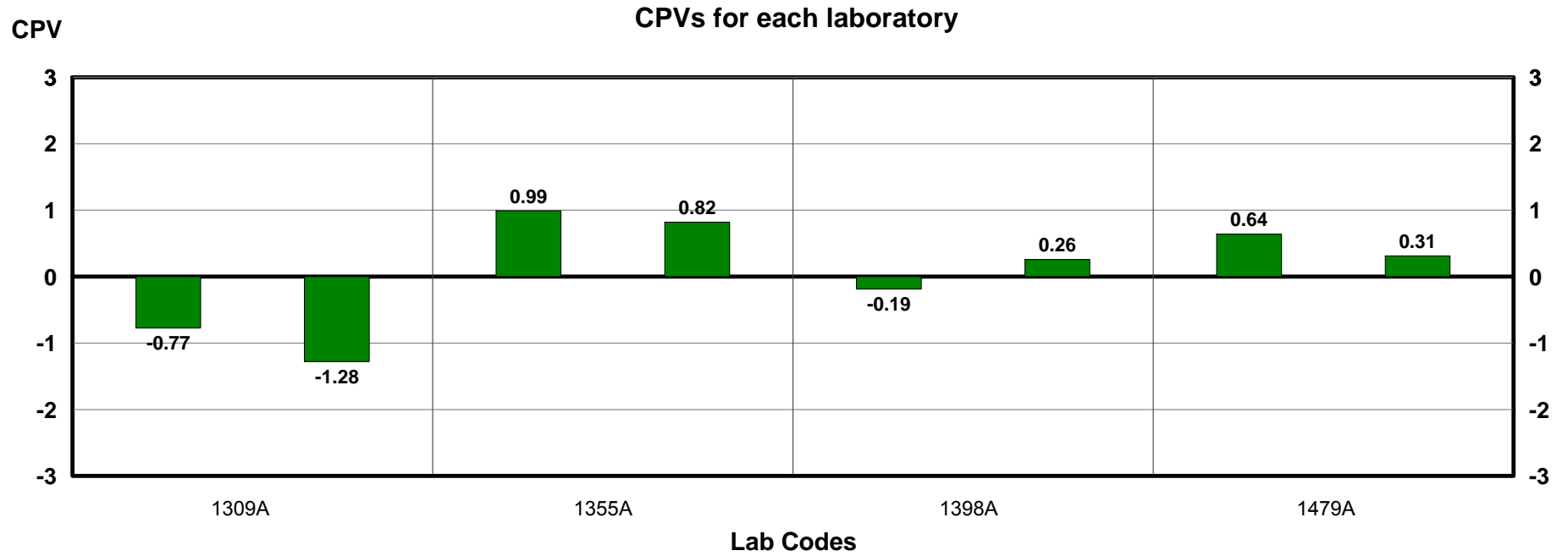
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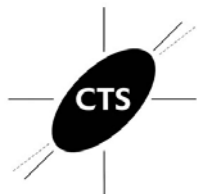
# Quality Manager Report for Testing Cycle 70 (2nd Qtr 2009)

Analysis 704: Tensile Stress at Yield

Report Control Number Q CTS



No Action Items were assigned for this analysis.



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Analysis 704: Tensile Stress at Yield

Report Control Number Q CTS

using ASTM D638

data shown in: psi

LabCode	WebCode	Site	Data Flag	Lab Mean	Sample F77 Diff from Grand Mean	CPV	Lab Mean	Sample F78 Diff from Grand Mean	CPV	Instr Code
1309A	G6KL7B	Site 1		9,182.80	-100.74	-0.77	9,028.67	-201.72	-1.28	ZZ
1355A	X8MH51	Site 2		9,412.45	128.91	0.99	9,359.95	129.56	0.82	ZZ
1398A	LJ4BCK	Gentry Lab		9,259.29	-24.25	-0.19	9,270.89	40.51	0.26	ZZ
1479A	A3Z7VC	QA Lab		9,366.62	83.07	0.64	9,279.60	49.21	0.31	ZZ

### Group Results (laboratories from your enrolled group)

<b>Group Means (Average CPV)</b>	9,305.29 (0.17)	9,234.78 (0.03)
<b>Between Lab Standard Deviation</b>	103.87	143.13
<b>Coefficient of Variation</b>	1.12 %	1.55 %

### Consensus Results (62 of 72 laboratories included)

<b>Grand Means</b>	<b>9,283.54</b>	<b>9,230.39</b>
<b>Between Lab Standard Deviation</b>	130.16	157.99
<b>Coefficient of Variation</b>	1.40 %	1.71 %