

## 09/10 AOF Test Check Program Monthly Report

Round 6

May 2010

03/05/2010 - 31/05/2010

Result Receipt Dates

Lab Code	Date
E	11/05/2010
I	12/05/2010
M	13/05/2010
A	20/05/2010
G	24/05/2010
H	27/05/2010
J	27/05/2010
K	28/05/2010
B	31/05/2010
D	31/05/2010
N	02/06/2010
O	02/06/2010
C	03/06/2010
F	07/06/2010
L	Not submitted

Discussion of Results***Test Weight***

No labs submitted outliers for Test Weight this round. Lab A produced the highest average absolute difference of 1.14.

***Impurities***

Lab G produced an outlier for sample 2, recording a mean difference of 1.00.

***Oil Rapid***

As in the previous round of testing, lab A generated an outlier for Oil Rapid, recording the highest average absolute difference of 1.72.

***Oil Solvent***

The results submitted by lab O were lower than the mean for all three samples. The lab produced outliers for samples 1 and 3, recording the highest average absolute difference of 1.60. Lab I also submitted an outlier for sample 3 with a mean difference of 1.26.

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## ***Oil Solvent (AOCS Method Am 2-93)***

Lab K generated an outlier for sample 1 with a mean difference of -0.36.

## ***Oil SFE***

No labs submitted results for Oil SFE this round.

## ***Moisture Oven***

Lab E generated an outlier for sample 3, recording an average absolute difference of 0.34. Lab N produced outliers for samples 1 and 3, generating an average absolute difference of 0.35. Lab I submitted the most consistent results for this method and recorded the lowest average absolute difference of 0.01.

## ***Moisture Rapid***

Lab D submitted outliers for sample 2 and 3, generating the highest average absolute difference of 0.90. However lab E submitted an outlier for sample 3 with a mean difference 0.40 the lab was able to produce a relatively low average absolute difference of 0.20.

## ***Oleic Oil***

Lab D generated outliers for sample 2 and 3, generating an average absolute difference of 1.31. Lab H submitted significantly lower results for all three samples and generated the highest average absolute difference of 1.95.

## ***Linoleic Oil***

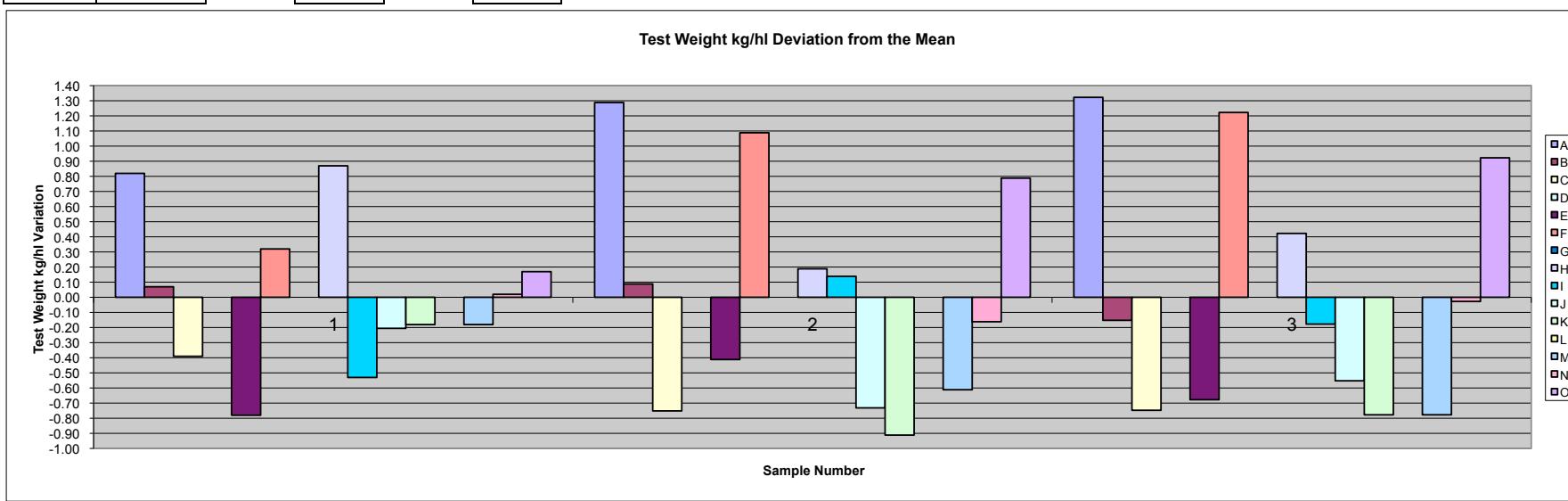
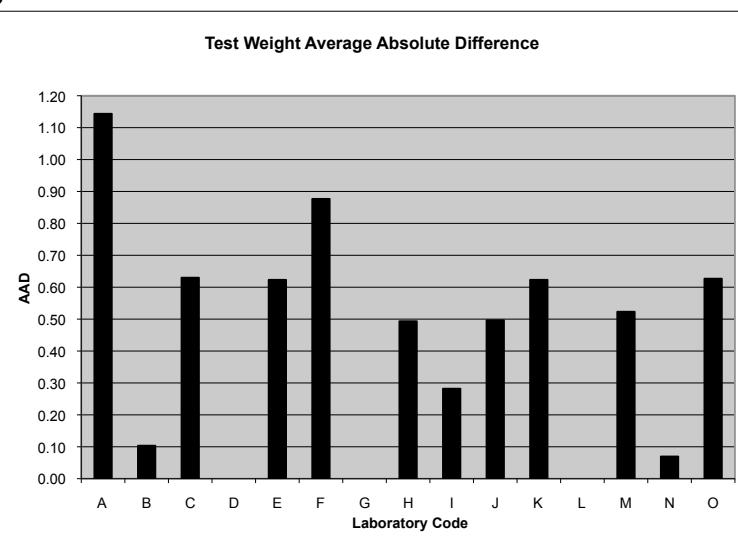
Lab G produced an outlier for sample 2 with a mean difference of -0.49.

## ***Free Fatty Acid***

Lab E submitted outliers for sample 1 and 3 and generated the highest average absolute difference of 0.35. Lab D produced an outlier for sample 1 with a mean difference of 0.66. Good results were achieved by the other participating labs.

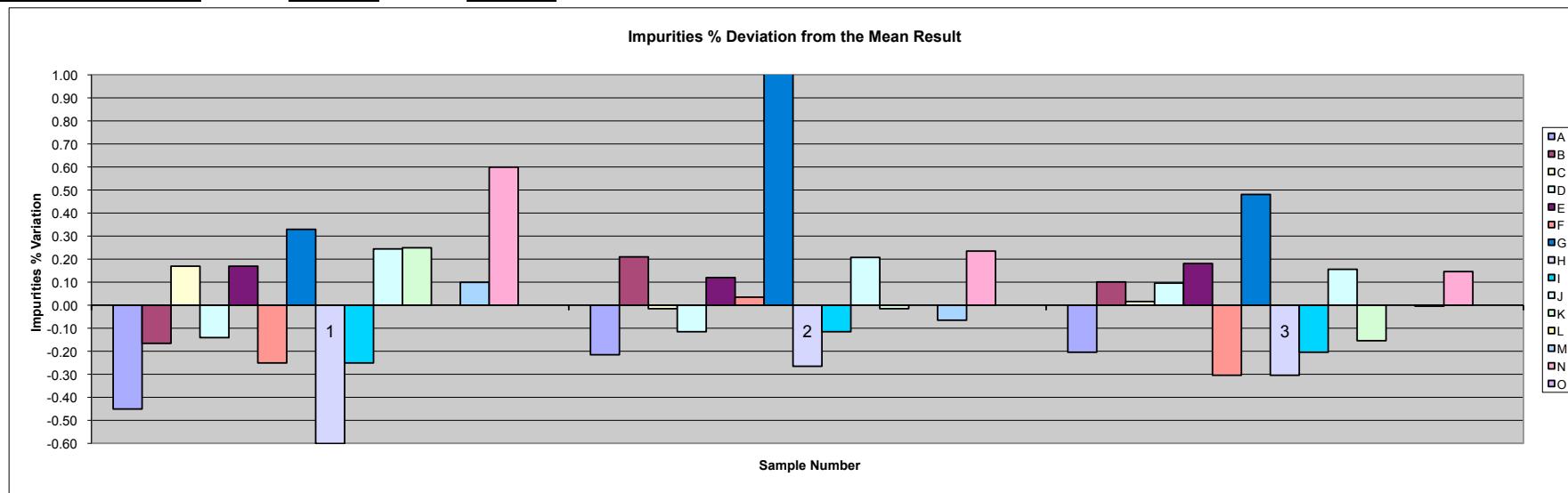
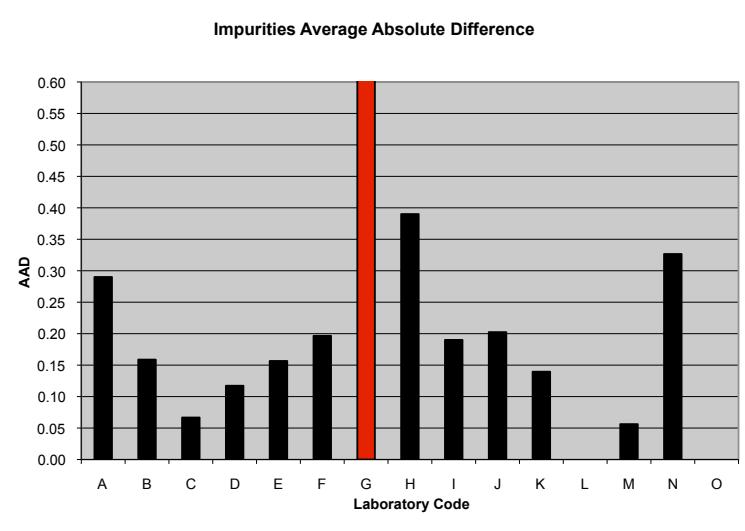
**2009/2010 AOF Test Check Program**  
**Round 6 Summary - May**

Test Weight kg/hl								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	66.50	0.82	67.20	1.29	68.10	1.32	1.14	1.14
B	65.75	0.07	66.00	0.09	66.63	-0.15	0.00	0.10
C	65.29	-0.39	65.16	-0.75	66.03	-0.75	-0.63	0.63
D								
E	64.90	-0.78	65.50	-0.41	66.10	-0.68	-0.62	0.62
F	66.00	0.32	67.00	1.09	68.00	1.22	0.88	0.88
G								
H	66.55	0.87	66.10	0.19	67.20	0.42	0.49	0.49
I	65.15	-0.53	66.05	0.14	66.60	-0.18	-0.19	0.28
J	65.48	-0.21	65.18	-0.73	66.23	-0.55	-0.50	0.50
K	65.50	-0.18	65.00	-0.91	66.00	-0.78	-0.62	0.62
L								
M	65.50	-0.18	65.30	-0.61	66.00	-0.78	-0.52	0.52
N	65.70	0.02	65.75	-0.16	66.75	-0.03	-0.06	0.07
O	65.85	0.17	66.70	0.79	67.70	0.92	0.63	0.63
<b>MEAN</b>	<b>65.68</b>		<b>65.91</b>		<b>66.78</b>			<b>0.54</b>
<b>STDEV</b>	<b>0.50</b>		<b>0.74</b>		<b>0.79</b>			



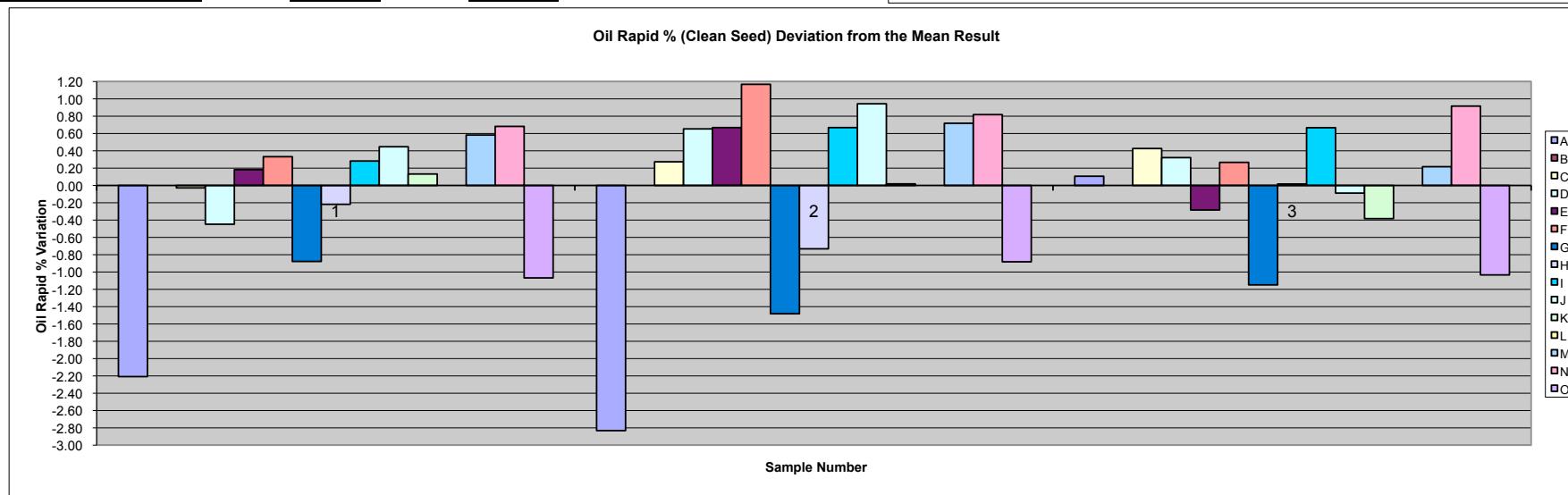
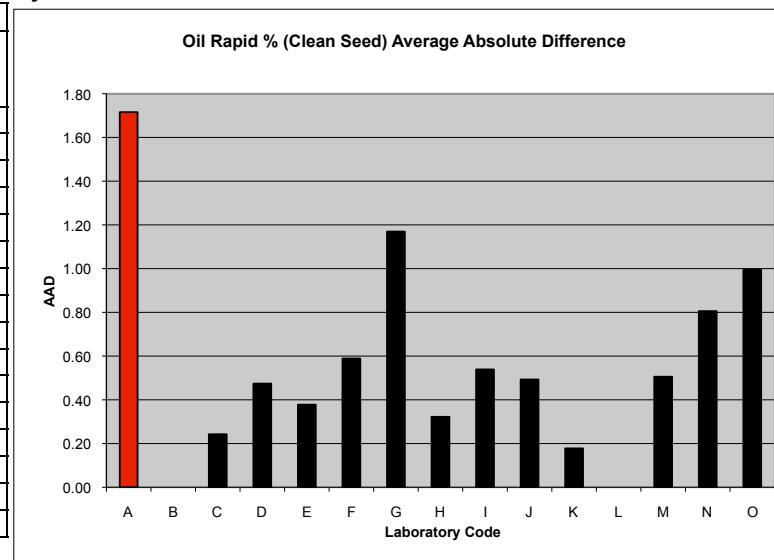
**2009/2010 AOF Test Check Program**  
**Round 6 Summary - May**

Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.75	-0.45	0.65	-0.22	0.50	-0.20	-0.29	0.29
B	1.04	-0.17	1.08	0.21	0.81	0.10	0.05	0.16
C	1.37	0.17	0.85	-0.02	0.72	0.02	0.06	0.07
D	1.06	-0.14	0.75	-0.12	0.80	0.10	-0.05	0.12
E	1.37	0.17	0.99	0.12	0.89	0.18	0.16	0.16
F	0.95	-0.25	0.90	0.03	0.40	-0.30	-0.17	0.20
G	1.53	0.33	1.87	1.00	1.19	0.48	0.60	0.60
H	0.60	-0.60	0.60	-0.27	0.40	-0.30	-0.39	0.39
I	0.95	-0.25	0.75	-0.12	0.50	-0.20	-0.19	0.19
J	1.45	0.24	1.07	0.21	0.86	0.16	0.20	0.20
K	1.45	0.25	0.85	-0.02	0.55	-0.15	0.03	0.14
L								
M	1.30	0.10	0.80	-0.07	0.70	0.00	0.01	0.06
N	1.80	0.60	1.10	0.23	0.85	0.15	0.33	0.33
O								
MEAN	1.20		0.87		0.70			0.22
STDEV	0.34		0.17		0.23			

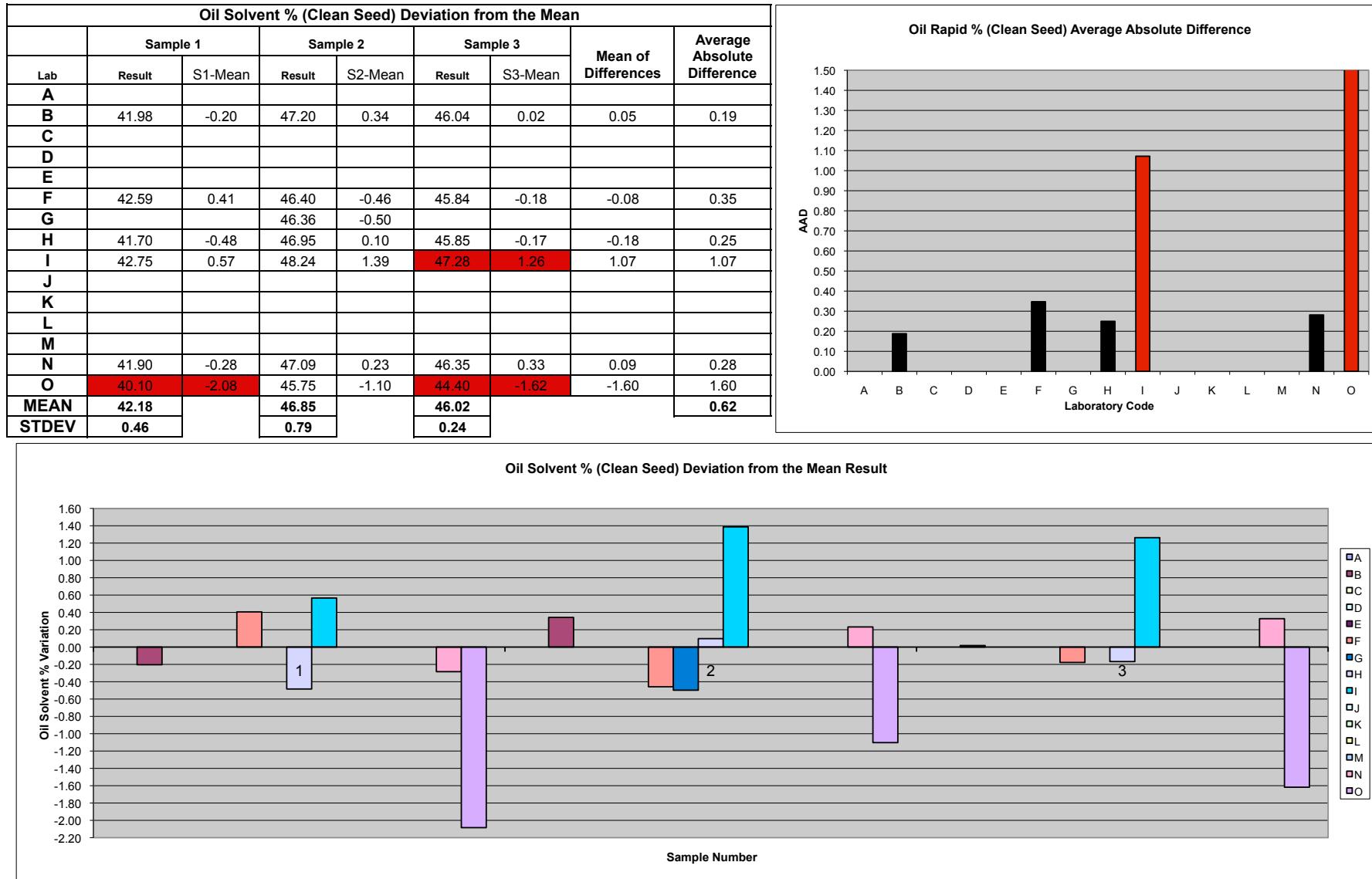


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Oil Rapid % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	39.36	-2.21	43.70	-2.83	45.84	0.11	-1.64	1.72
B								
C	41.54	-0.03	46.81	0.27	46.16	0.43	0.22	0.24
D	41.12	-0.45	47.19	0.65	46.06	0.32	0.18	0.47
E	41.75	0.18	47.20	0.67	45.45	-0.28	0.19	0.38
F	41.90	0.33	47.70	1.17	46.00	0.27	0.59	0.59
G	40.69	-0.88	45.05	-1.48	44.59	-1.15	-1.17	1.17
H	41.35	-0.22	45.80	-0.73	45.75	0.02	-0.31	0.32
I	41.85	0.28	47.20	0.67	46.40	0.67	0.54	0.54
J	42.02	0.45	47.48	0.94	45.65	-0.09	0.43	0.49
K	41.70	0.13	46.55	0.02	45.35	-0.38	-0.08	0.18
L								
M	42.15	0.58	47.25	0.72	45.95	0.22	0.51	0.51
N	42.25	0.68	47.35	0.82	46.65	0.92	0.81	0.81
O	40.50	-1.07	45.65	-0.88	44.70	-1.03	-0.99	0.99
MEAN	41.57		46.53		45.73		0.65	
STDEV	0.56		1.17		0.60			

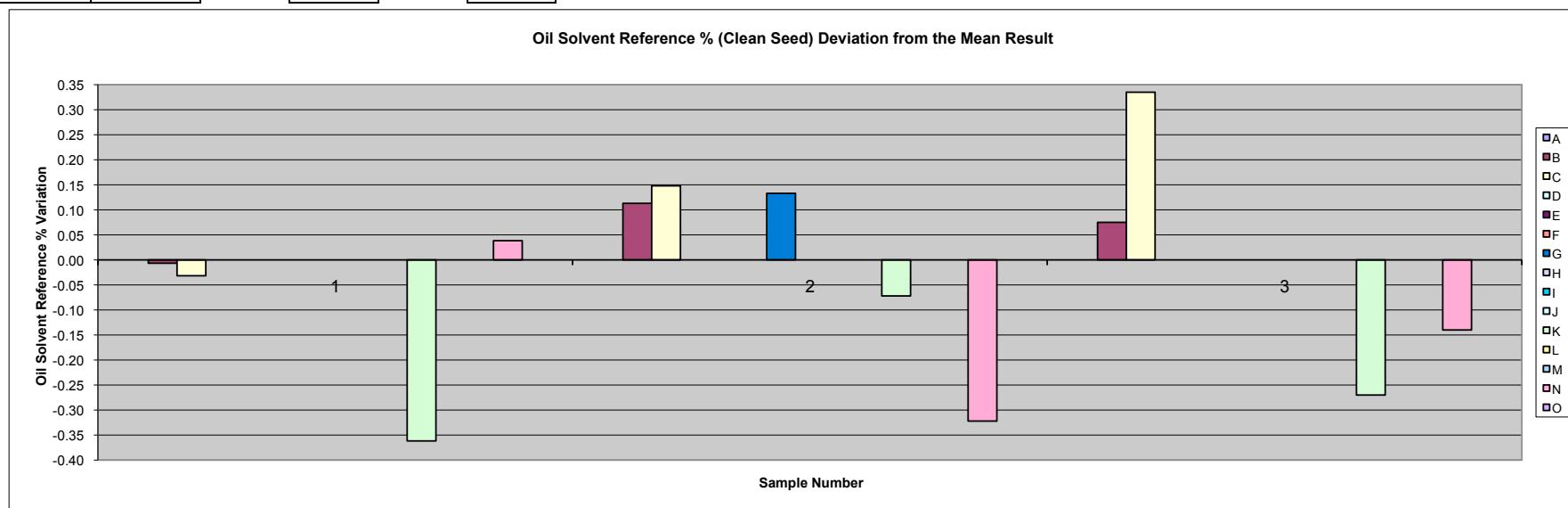
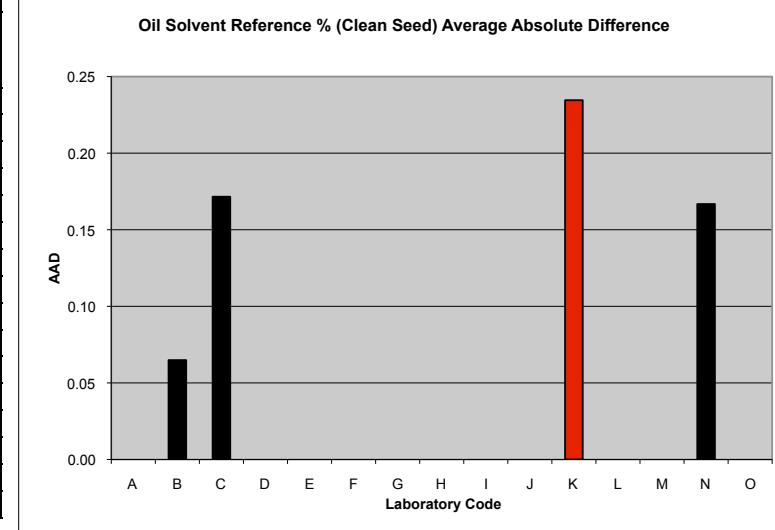


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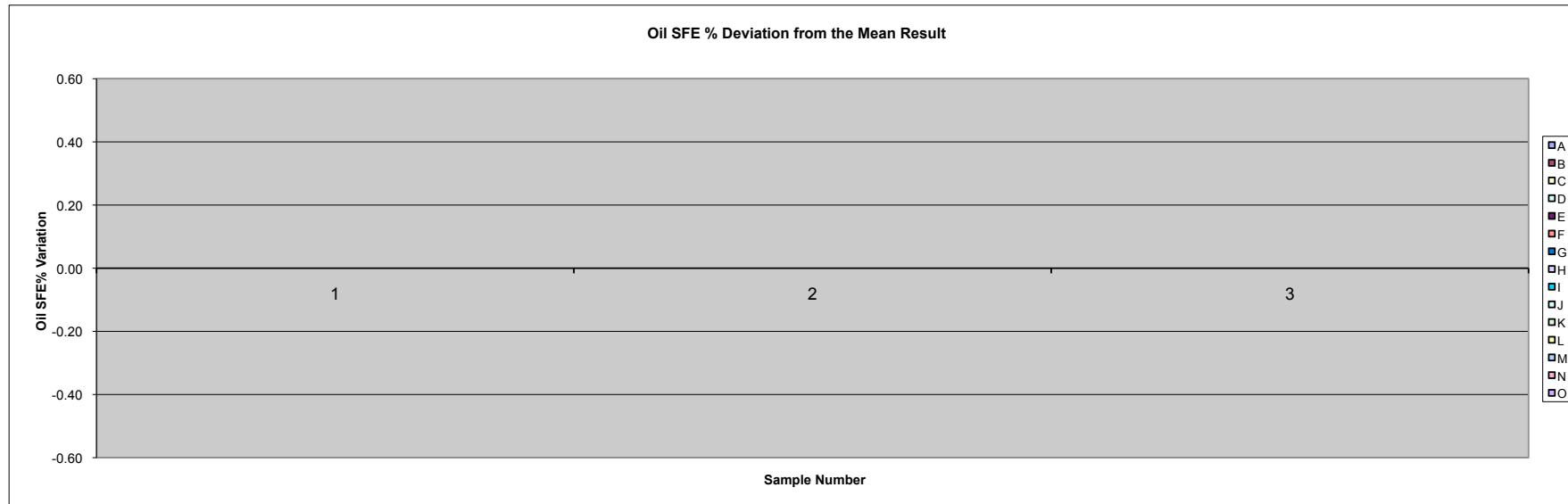
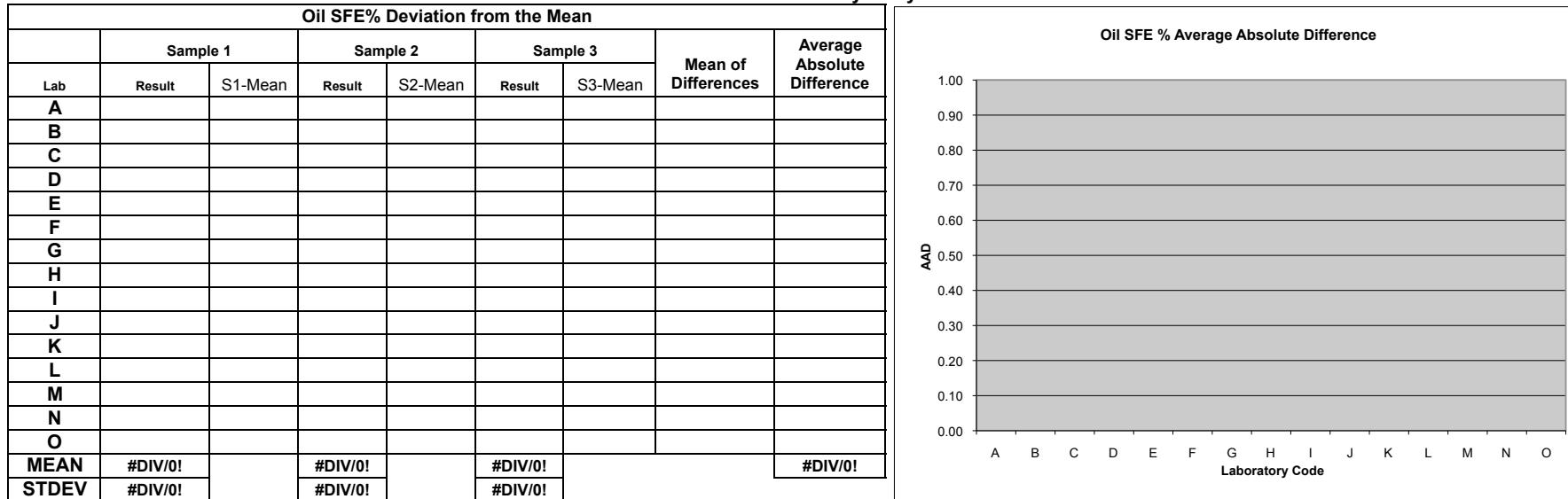


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Oil Solvent Reference % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	42.06	-0.01	47.34	0.11	46.10	0.08	0.06	0.06
C	42.03	-0.03	47.37	0.15	46.36	0.34	0.15	0.17
D								
E								
F								
G		47.36	0.13					
H								
I								
J								
K	41.70	-0.36	47.15	-0.07	45.75	-0.27	-0.23	0.23
L								
M								
N	42.10	0.04	46.90	-0.32	45.88	-0.14	-0.14	0.17
O								
MEAN	42.06		47.22		46.02			0.16
STDEV	0.04		0.20		0.26			

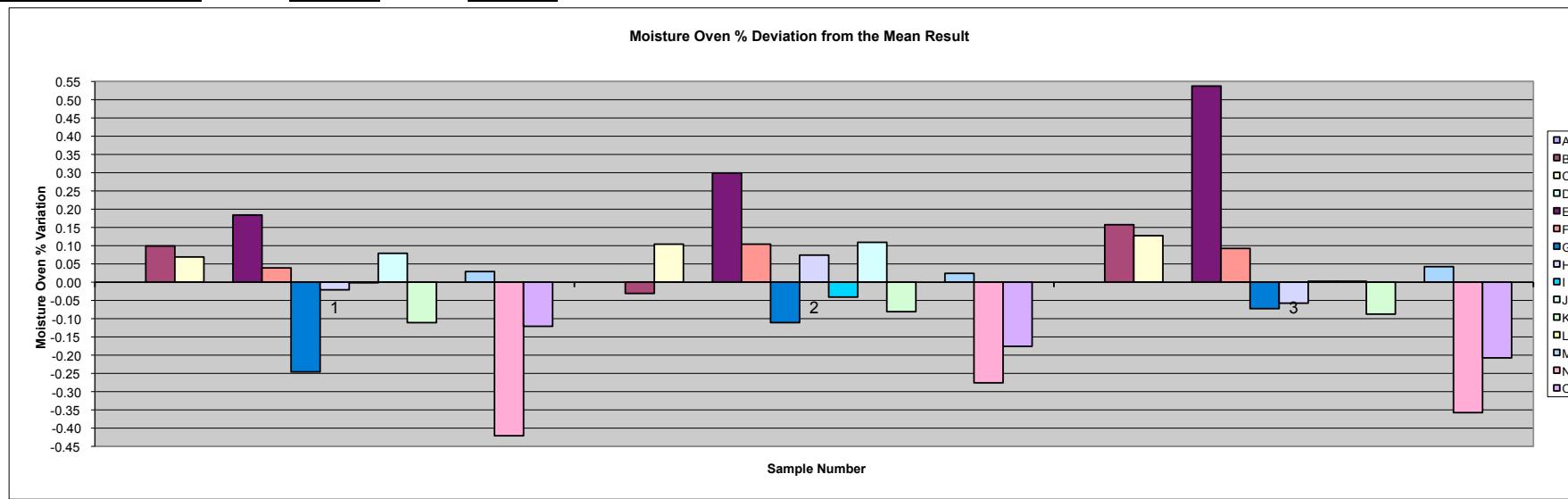
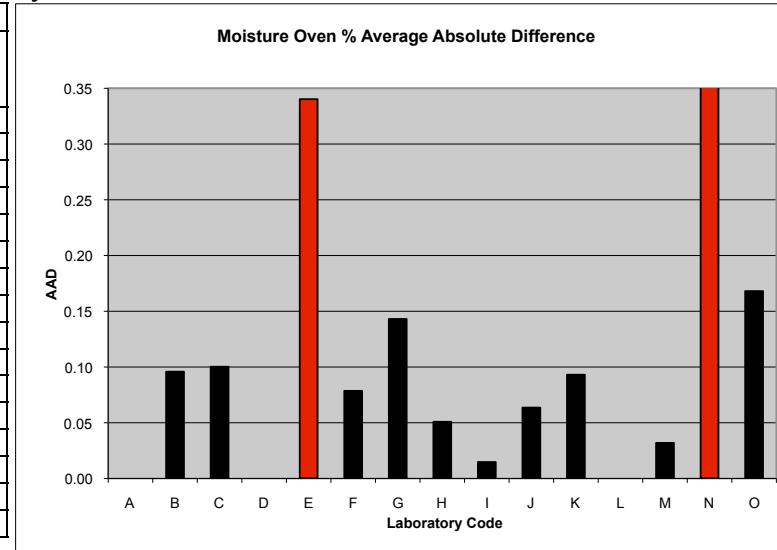


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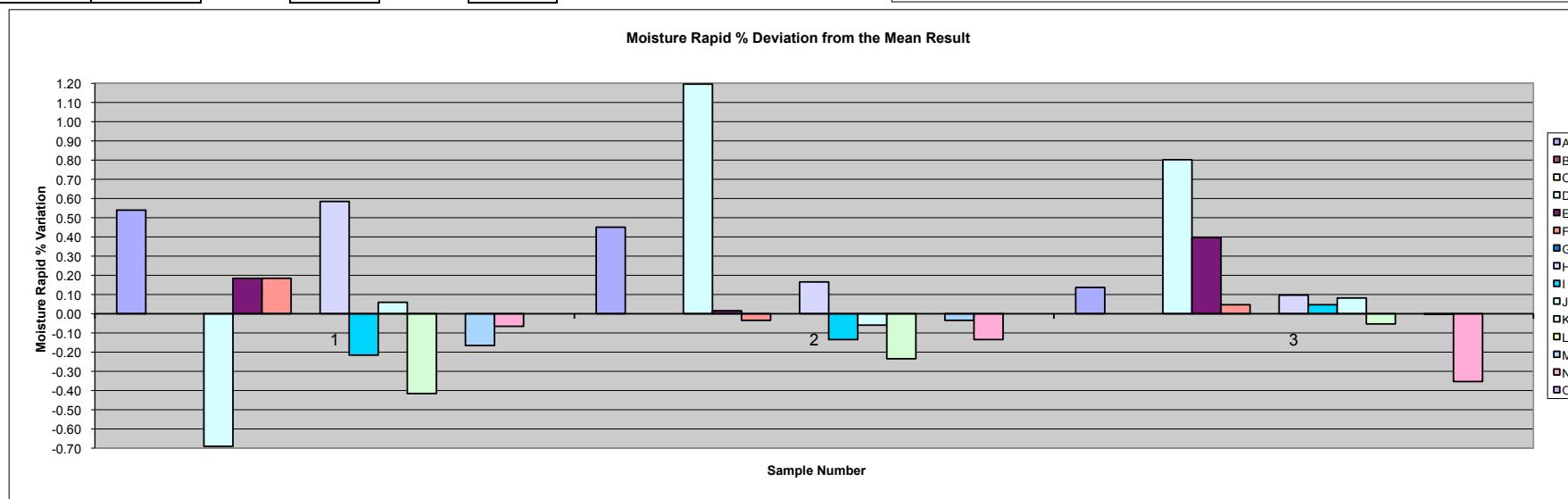
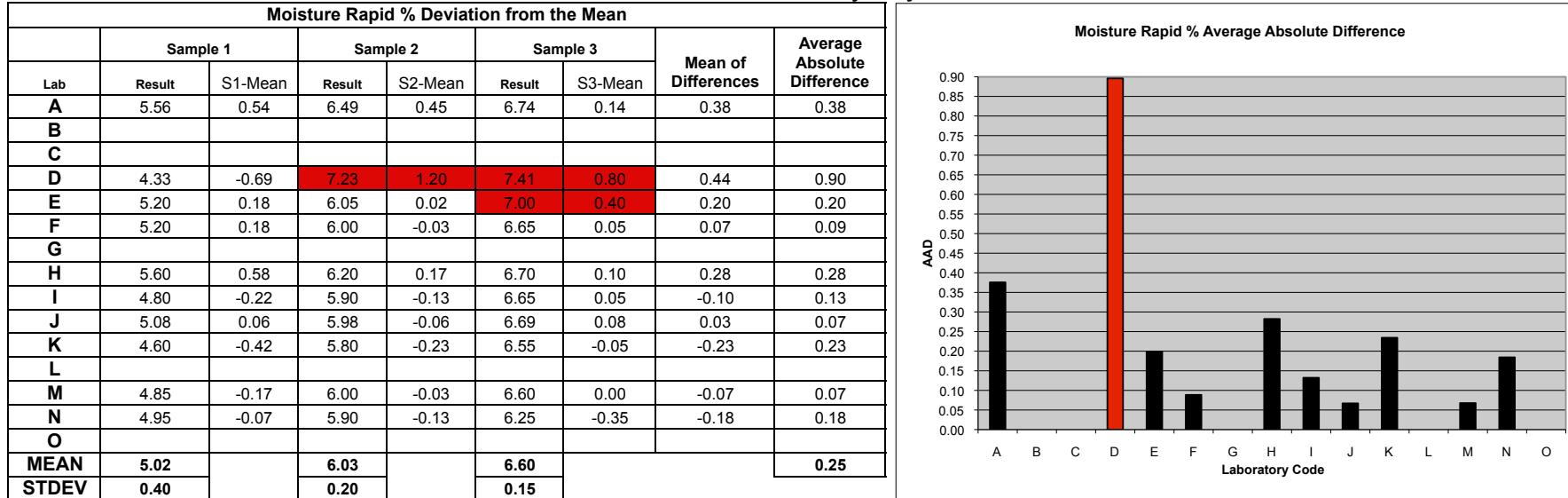


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Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
<b>A</b>								
<b>B</b>	5.22	0.10	5.85	-0.03	6.52	0.16	0.08	0.10
<b>C</b>	5.19	0.07	5.98	0.10	6.49	0.13	0.10	0.10
<b>D</b>								
<b>E</b>	5.31	0.18	6.18	0.30	6.90	0.54	0.34	0.34
<b>F</b>	5.16	0.04	5.98	0.10	6.45	0.09	0.08	0.08
<b>G</b>	4.88	-0.25	5.77	-0.11	6.29	-0.07	-0.14	0.14
<b>H</b>	5.10	-0.02	5.95	0.07	6.30	-0.06	0.00	0.05
<b>I</b>	5.12	0.00	5.84	-0.04	6.36	0.00	-0.01	0.01
<b>J</b>	5.20	0.08	5.99	0.11	6.36	0.00	0.06	0.06
<b>K</b>	5.01	-0.11	5.80	-0.08	6.27	-0.09	-0.09	0.09
<b>L</b>								
<b>M</b>	5.15	0.03	5.90	0.02	6.40	0.04	0.03	0.03
<b>N</b>	4.70	-0.42	5.60	-0.28	6.00	-0.36	-0.35	0.35
<b>O</b>	5.00	-0.12	5.70	-0.18	6.15	-0.21	-0.17	0.17
<b>MEAN</b>	<b>5.12</b>		<b>5.88</b>		<b>6.36</b>			<b>0.13</b>
<b>STDEV</b>	<b>0.12</b>		<b>0.15</b>		<b>0.11</b>			

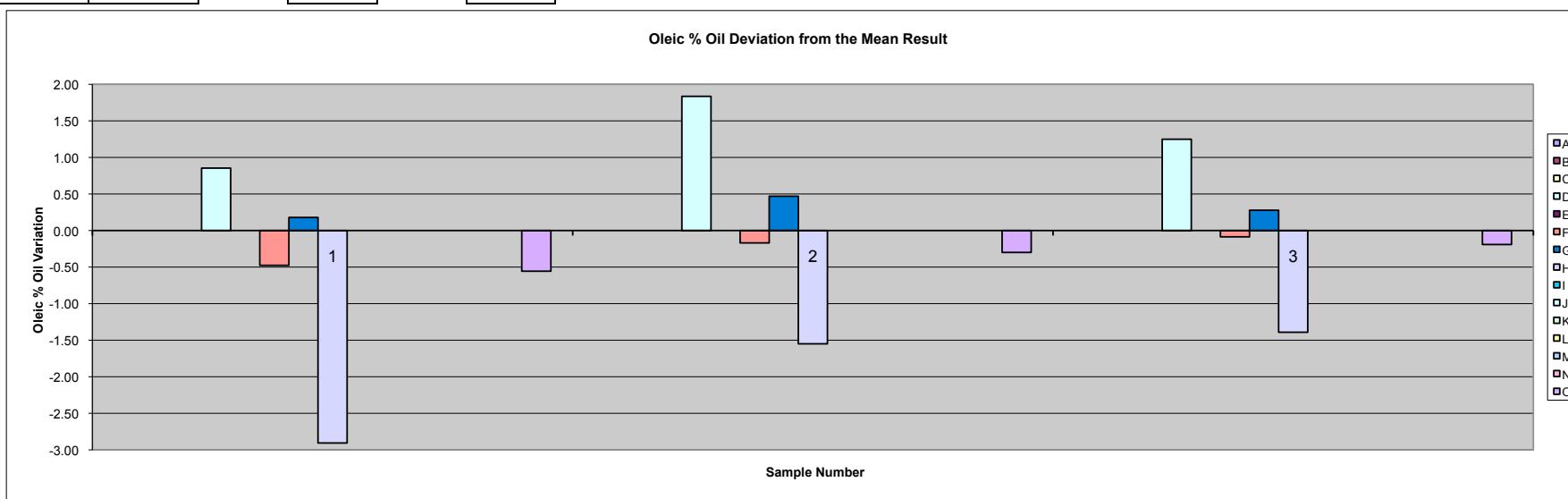
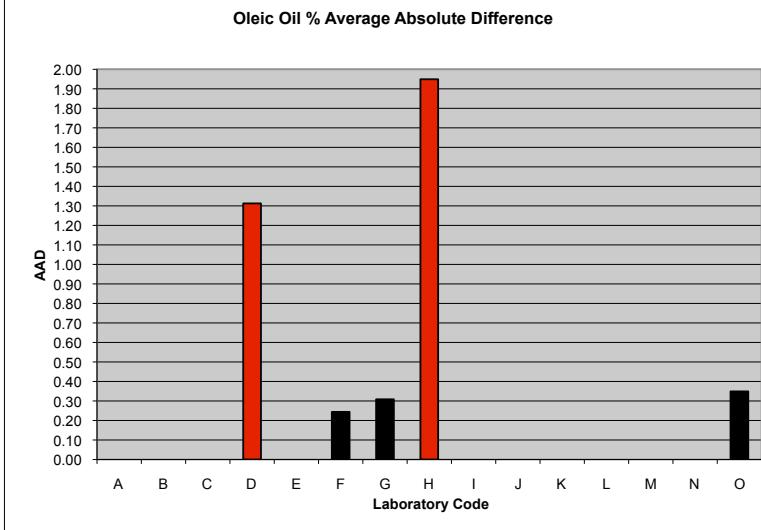


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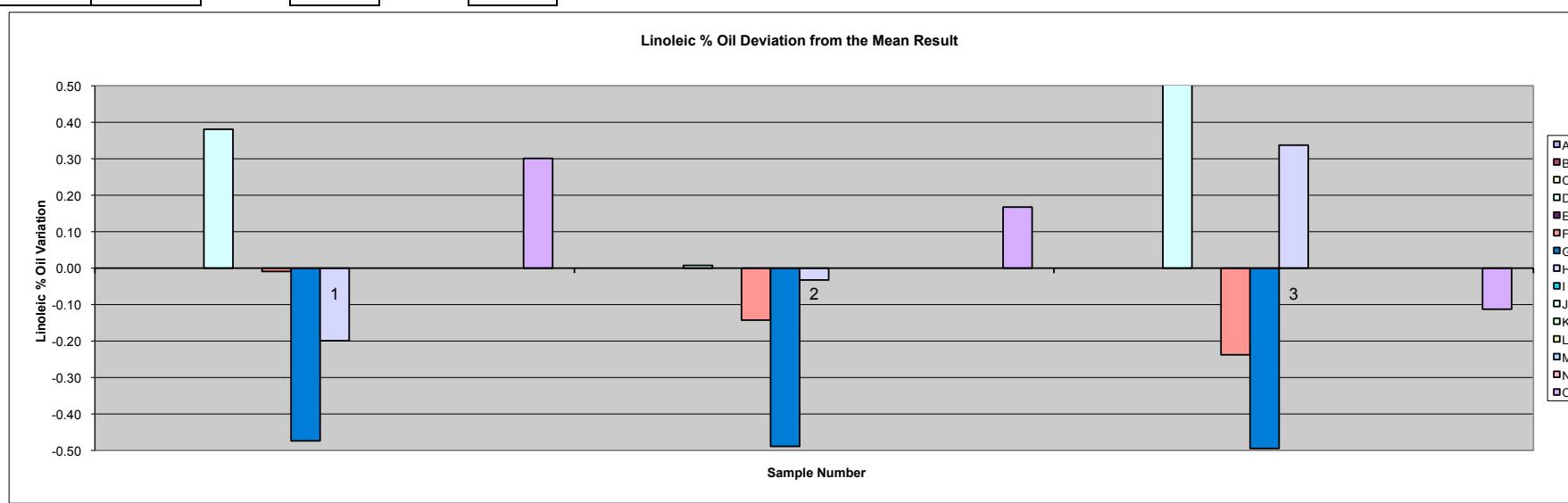
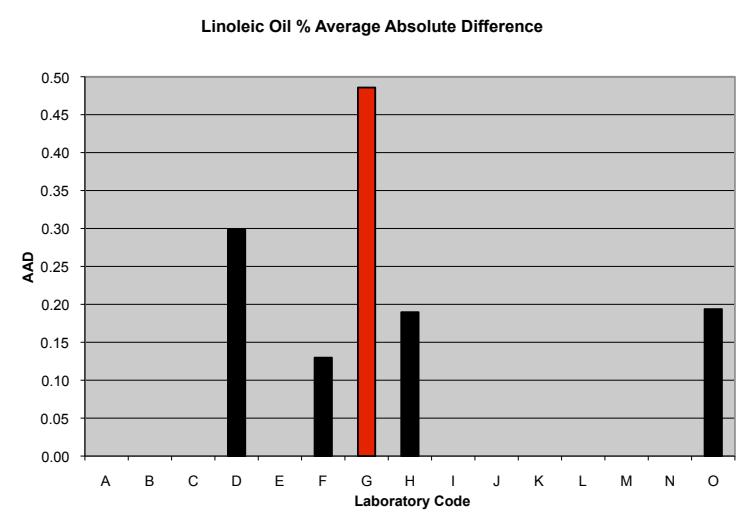
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Oleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C								
D	64.81	0.85	62.74	1.84	64.99	1.25	1.31	1.31
E								
F	63.48	-0.48	60.73	-0.17	63.66	-0.09	-0.24	0.24
G	64.14	0.18	61.37	0.47	64.02	0.28	0.31	0.31
H	61.05	-2.91	59.35	-1.55	62.35	-1.39	-1.95	1.95
I								
J								
K								
L								
M								
N								
O	63.40	-0.56	60.60	-0.30	63.55	-0.19	-0.35	0.35
<b>MEAN</b>	<b>63.96</b>		<b>60.90</b>		<b>63.74</b>			<b>0.83</b>
<b>STDEV</b>	<b>0.66</b>		<b>0.41</b>		<b>0.25</b>			



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Linoleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C								
D	19.58	0.38	20.74	0.01	17.52	0.51	0.30	0.30
E								
F	19.19	-0.01	20.59	-0.14	16.78	-0.24	-0.13	0.13
G	18.73	-0.47	20.24	-0.49	16.52	-0.49	-0.49	0.49
H	19.00	-0.20	20.70	-0.03	17.35	0.34	0.04	0.19
I								
J								
K								
L								
M								
N								
O	19.50	0.30	20.90	0.17	16.90	-0.11	0.12	0.19
<b>MEAN</b>	<b>19.20</b>		<b>20.73</b>		<b>17.01</b>			<b>0.26</b>
<b>STDEV</b>	<b>0.35</b>		<b>0.13</b>		<b>0.41</b>			



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Free Fatty Acid % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	0.30	-0.03	0.14	-0.08	0.19	-0.04	-0.05	0.05
C	0.42	0.10	0.24	0.01	0.23	0.01	0.04	0.04
D	0.98	0.66	0.31	0.09	0.25	0.03	0.26	0.26
E	1.05	0.73	0.34	0.12	0.44	0.22	0.35	0.35
F	0.29	-0.03	0.15	-0.07	0.22	-0.01	-0.04	0.04
G	0.43	0.11	0.23	0.00	0.29	0.07	0.06	0.06
H	0.20	-0.12	0.20	-0.02	0.20	-0.02	-0.06	0.06
I								
J								
K	0.29	-0.03	0.18	-0.04	0.19	-0.03	-0.04	0.04
L								
M								
N								
O								
MEAN	0.32		0.22		0.22			0.11
STDEV	0.09		0.07		0.04			

