



09/10 AOF Test Check Program Monthly Report  
 Round 2  
 January 2010  
 04/01/2010 - 29/01/2010

---

## Result Receival Dates

Lab Code	Date
A	07/01/2010
E	11/01/2010
L	12/01/2010
I	18/01/2010
J	21/01/2010
K	25/01/2010
D	27/01/2010
M	27/01/2010
C	28/01/2010
B	29/01/2010
F	29/01/2010
G	29/01/2010
H	29/01/2010
N	01/02/2010
O	Not submitted

## Discussion of Results

### ***Test Weight***

No outliers were submitted in this round of testing. Lab A generated the highest average absolute difference of 1.25.

### ***Impurities***

No outliers were submitted for Impurities this round. Lab J generated the highest average absolute difference of 0.68. Lab B produced the most consistent results generating an average absolute difference of 0.05.

### ***Oil Rapid***

Lab F generated an outlier for sample 2, recording a mean difference of -0.66. The result produced by lab N for sample 2 was significantly higher than the mean generating an outlier with a mean difference of 0.74.

### ***Oil Solvent***

The result produced by lab F for sample 1 was significantly lower recording an outlier and the highest mean difference of -3.18.



09/10 AOF Test Check Program Monthly Report  
Round 2  
January 2010  
04/01/2010 - 29/01/2010

---

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

Lab B generated an outlier for sample 3, recording the highest average absolute difference of 0.41. Lab H also generated an outlier for sample 3, recording a mean difference of -0.20. However the lab submitted relatively good results for samples 1 and 2 suggesting the error causing the outlier seen for sample 3 was limited to that particular sample.

### ***Oil SFE***

No labs submitted results for Oil SFE this round.

### ***Moisture Oven***

Lab D generated an outlier for sample 1, recording a mean difference of -0.71. Lab F also produced an outlier for sample 1 with a mean difference of - 0.63. The result submitted by lab E for sample 3 was higher than the mean generating an outlier and the mean difference of 0.64.

### ***Moisture Rapid***

The result produced by lab H for sample 2 was significantly higher than the mean recording a mean difference of 0.41. Lab K submitted the most consistent results for this method and recorded the lowest average absolute difference of 0.04.

### ***Oleic Oil***

No outliers were submitted for Oleic Oil this round.

### ***Linoleic Oil***

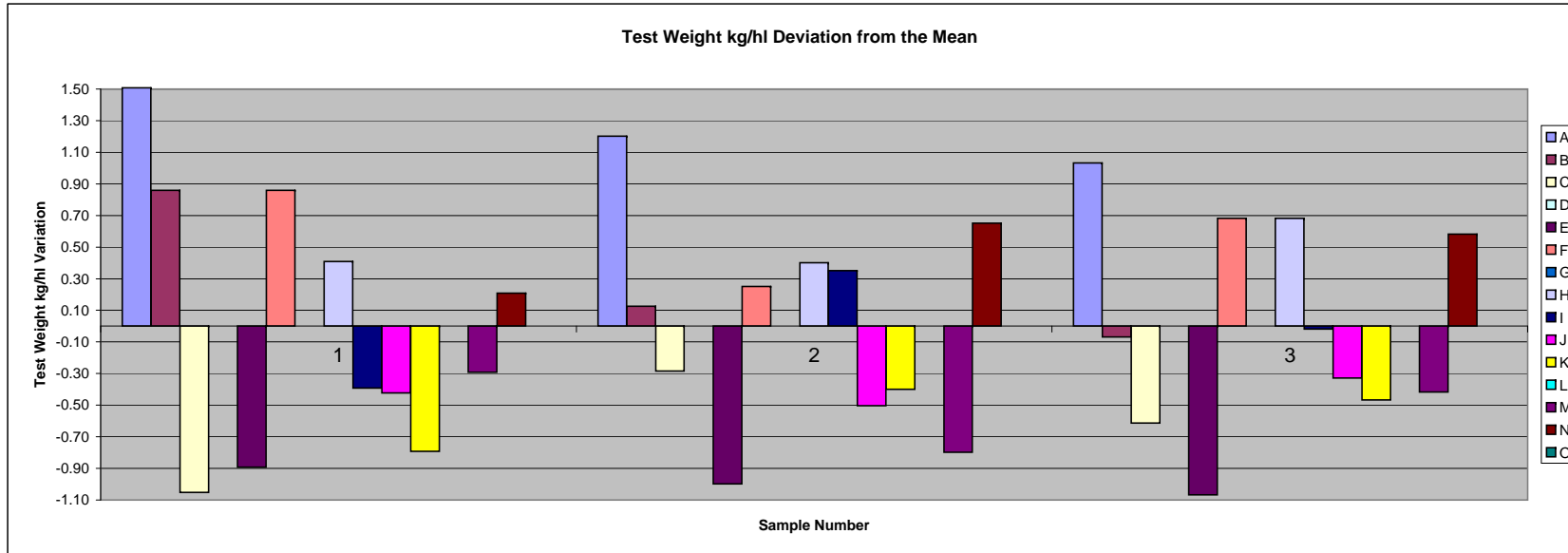
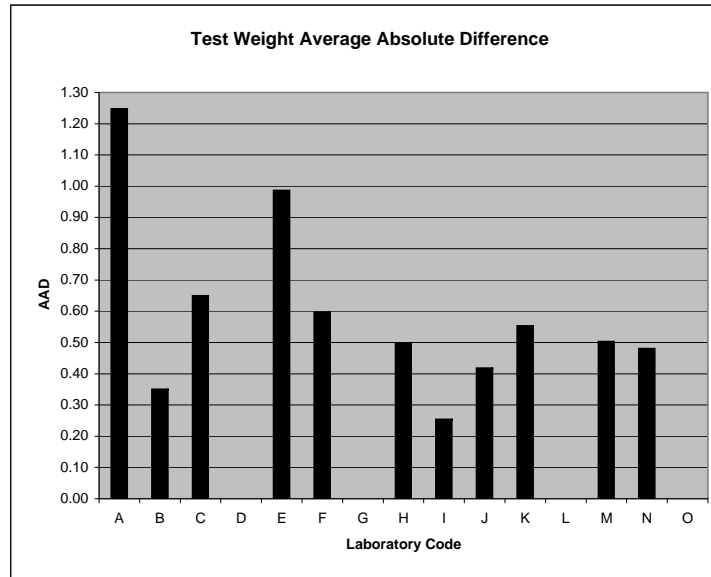
The result produced by lab D for sample 2 was significantly lower than the mean generating an outlier and the highest mean difference of -3.62.

### ***Free Fatty Acid***

Lab G created an outlier for sample 3 and generated the highest average absolute difference of 0.34. For the second consecutive time lab L submitted excellent results for this method achieving the lowest average absolute difference of 0.02.

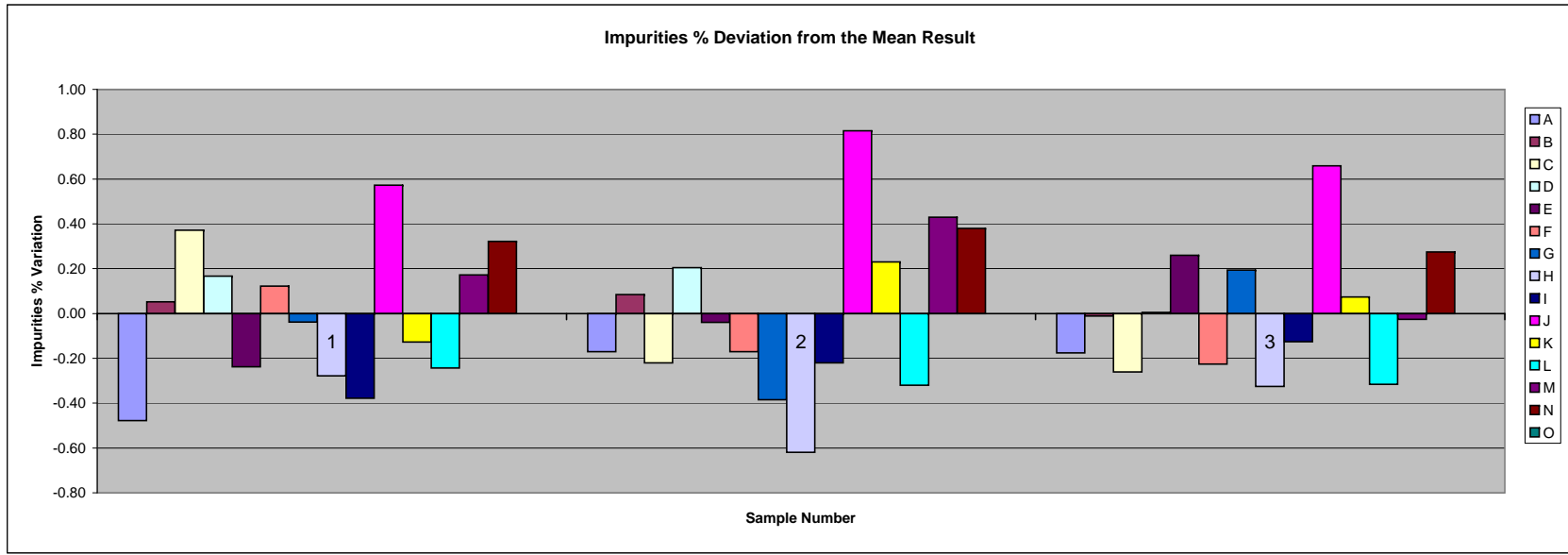
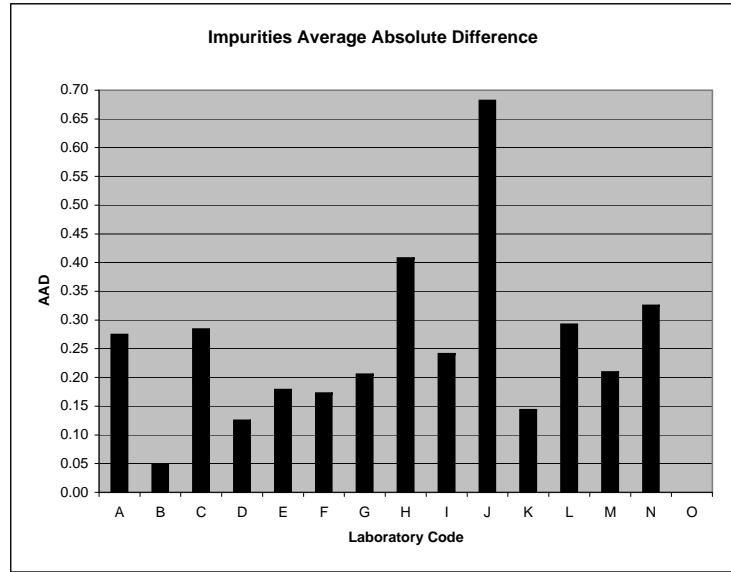
**2009/2010 AOF Test Check Program  
Round 2 Summary - January**

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	69.40	1.51	67.70	1.20	69.60	1.03	1.25	1.25
B	68.75	0.86	66.63	0.13	68.50	-0.07	0.31	0.35
C	66.84	-1.05	66.22	-0.28	67.96	-0.61	-0.65	0.65
D								
E	67.00	-0.89	65.50	-1.00	67.50	-1.07	-0.99	0.99
F	68.75	0.86	66.75	0.25	69.25	0.68	0.60	0.60
G								
H	68.30	0.41	66.90	0.40	69.25	0.68	0.50	0.50
I	67.50	-0.39	66.85	0.35	68.55	-0.02	-0.02	0.25
J	67.47	-0.42	66.00	-0.50	68.24	-0.33	-0.42	0.42
K	67.10	-0.79	66.10	-0.40	68.10	-0.47	-0.55	0.55
L								
M	67.60	-0.29	65.70	-0.80	68.15	-0.42	-0.50	0.50
N	68.10	0.21	67.15	0.65	69.15	0.58	0.48	0.48
O								
<b>MEAN</b>	<b>67.89</b>		<b>66.50</b>		<b>68.57</b>			<b>0.59</b>
<b>STDEV</b>	<b>0.83</b>		<b>0.66</b>		<b>0.66</b>			



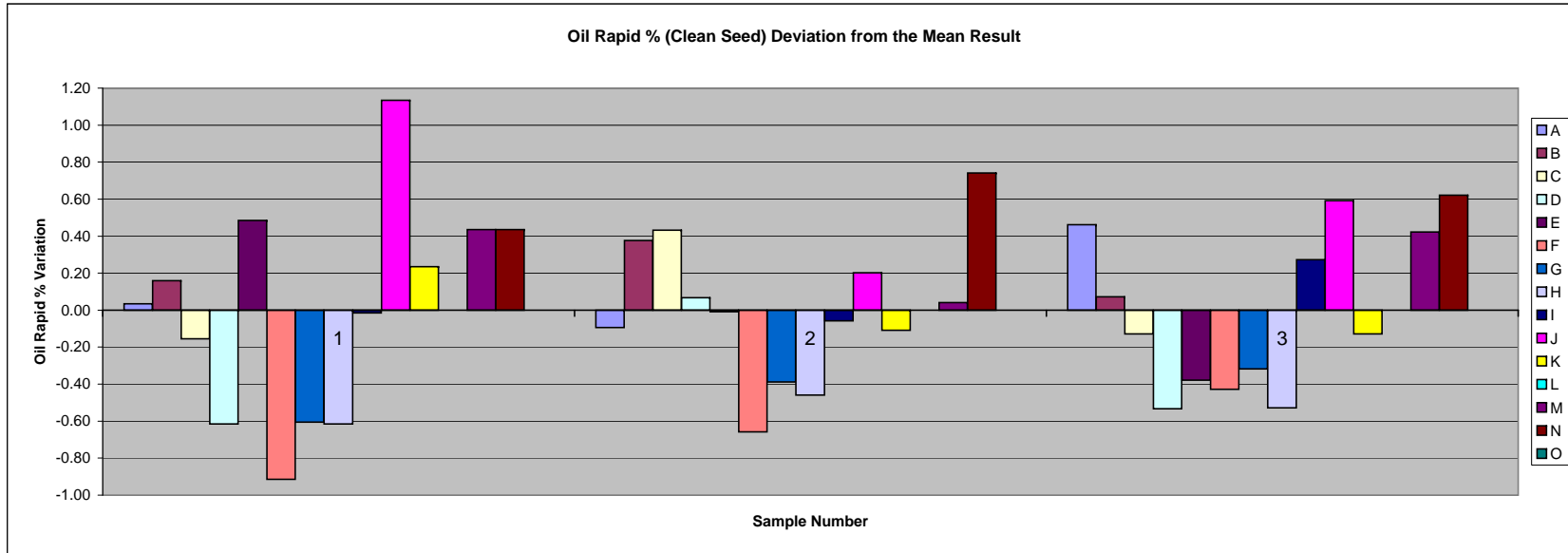
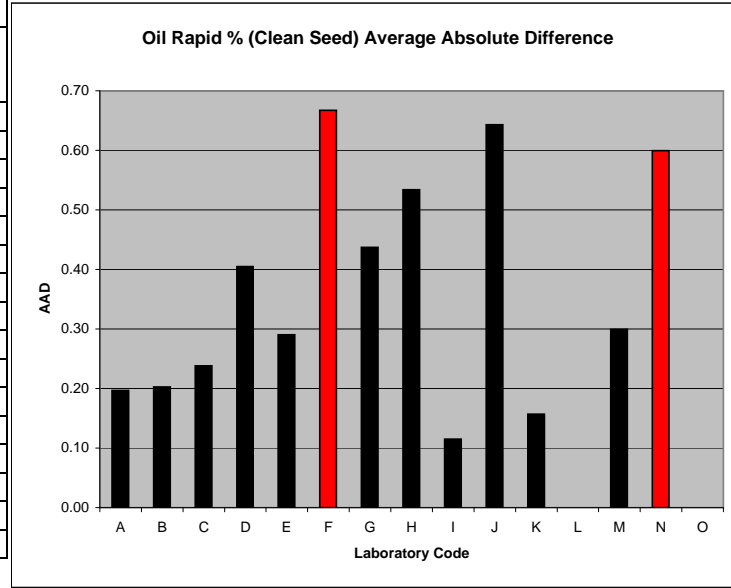
**2009/2010 AOF Test Check Program  
Round 2 Summary - January**

Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.95	-0.48	0.75	-0.17	1.10	-0.18	-0.27	0.27
B	1.48	0.05	1.01	0.09	1.27	-0.01	0.04	0.05
C	1.80	0.37	0.70	-0.22	1.02	-0.26	-0.04	0.28
D	1.60	0.17	1.13	0.21	1.28	0.00	0.13	0.13
E	1.19	-0.24	0.88	-0.04	1.54	0.26	-0.01	0.18
F	1.55	0.12	0.75	-0.17	1.05	-0.23	-0.09	0.17
G	1.39	-0.04	0.54	-0.39	1.47	0.19	-0.08	0.21
H	1.15	-0.28	0.30	-0.62	0.95	-0.33	-0.41	0.41
I	1.05	-0.38	0.70	-0.22	1.15	-0.13	-0.24	0.24
J	2.00	0.57	1.74	0.82	1.94	0.66	0.68	0.68
K	1.30	-0.13	1.15	0.23	1.35	0.07	0.06	0.14
L	1.19	-0.24	0.60	-0.32	0.96	-0.32	-0.29	0.29
M	1.60	0.17	1.35	0.43	1.25	-0.03	0.19	0.21
N	1.75	0.32	1.30	0.38	1.55	0.27	0.33	0.33
O								
<b>MEAN</b>	<b>1.43</b>		<b>0.92</b>		<b>1.28</b>			<b>0.26</b>
<b>STDEV</b>	<b>0.31</b>		<b>0.38</b>		<b>0.28</b>			



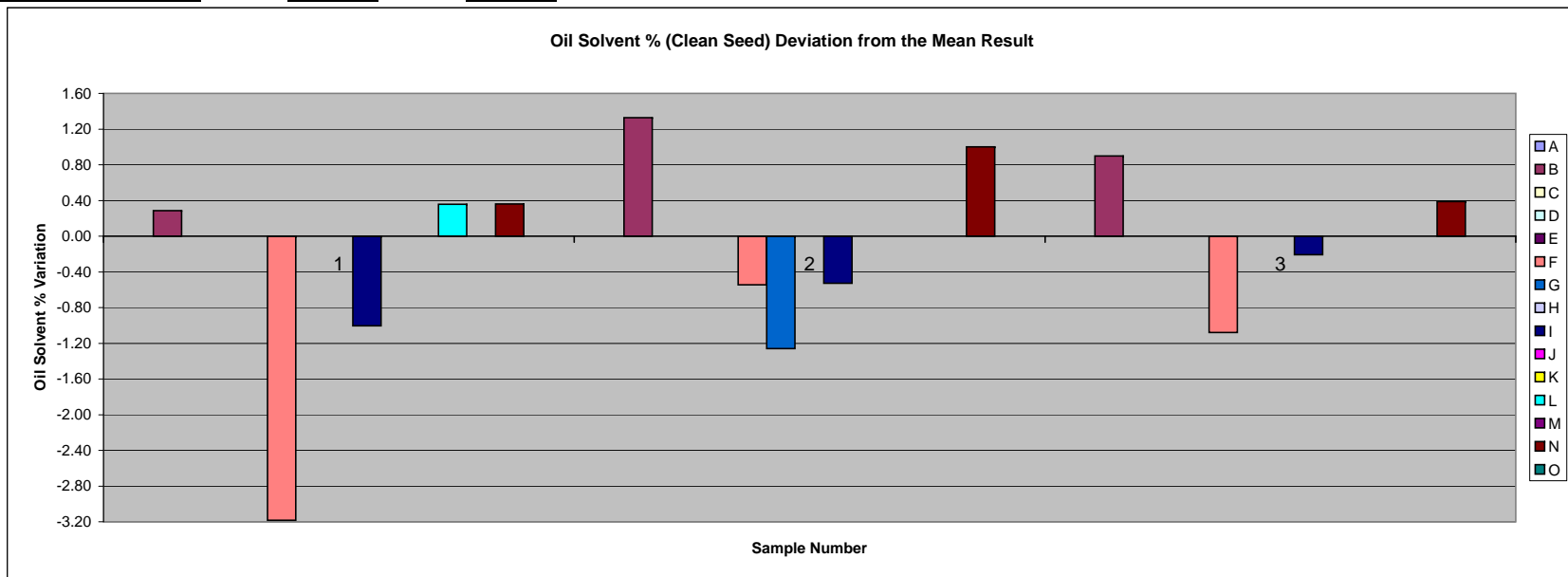
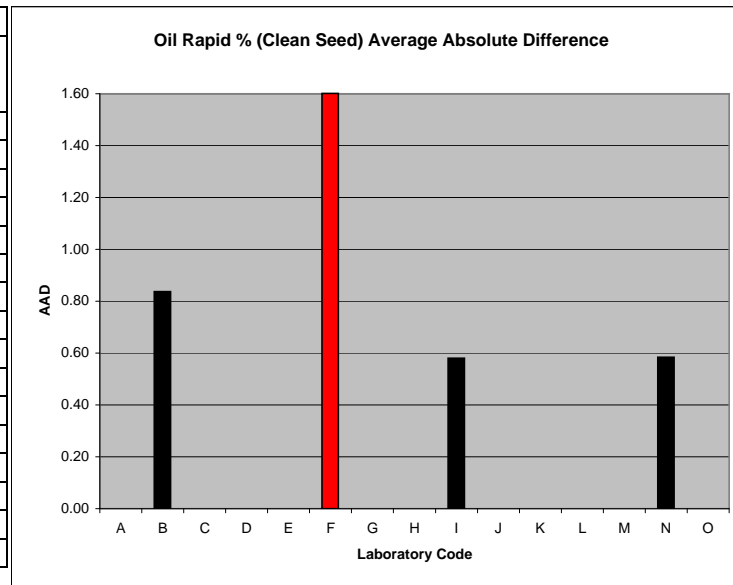
**2009/2010 AOF Test Check Program  
Round 2 Summary - January**

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	38.95	0.04	42.32	-0.09	41.24	0.46	0.13	0.20
B	39.08	0.16	42.79	0.38	40.85	0.07	0.20	0.20
C	38.76	-0.16	42.84	0.43	40.65	-0.13	0.05	0.24
D	38.30	-0.62	42.48	0.07	40.25	-0.53	-0.36	0.40
E	39.40	0.48	42.40	-0.01	40.40	-0.38	0.03	0.29
F	38.00	-0.91	41.75	-0.66	40.35	-0.43	-0.67	0.67
G	38.31	-0.60	42.02	-0.39	40.46	-0.32	-0.44	0.44
H	38.30	-0.62	41.95	-0.46	40.25	-0.53	-0.53	0.53
I	38.90	-0.02	42.35	-0.06	41.05	0.27	0.07	0.12
J	40.05	1.14	42.61	0.20	41.37	0.59	0.64	0.64
K	39.15	0.24	42.30	-0.11	40.65	-0.13	0.00	0.16
L								
M	39.35	0.43	42.45	0.04	41.20	0.42	0.30	0.30
N	39.35	0.43	43.15	0.74	41.40	0.62	0.60	0.60
O								
MEAN	38.92		42.41		40.78			0.37
STDEV	0.58		0.28		0.43			



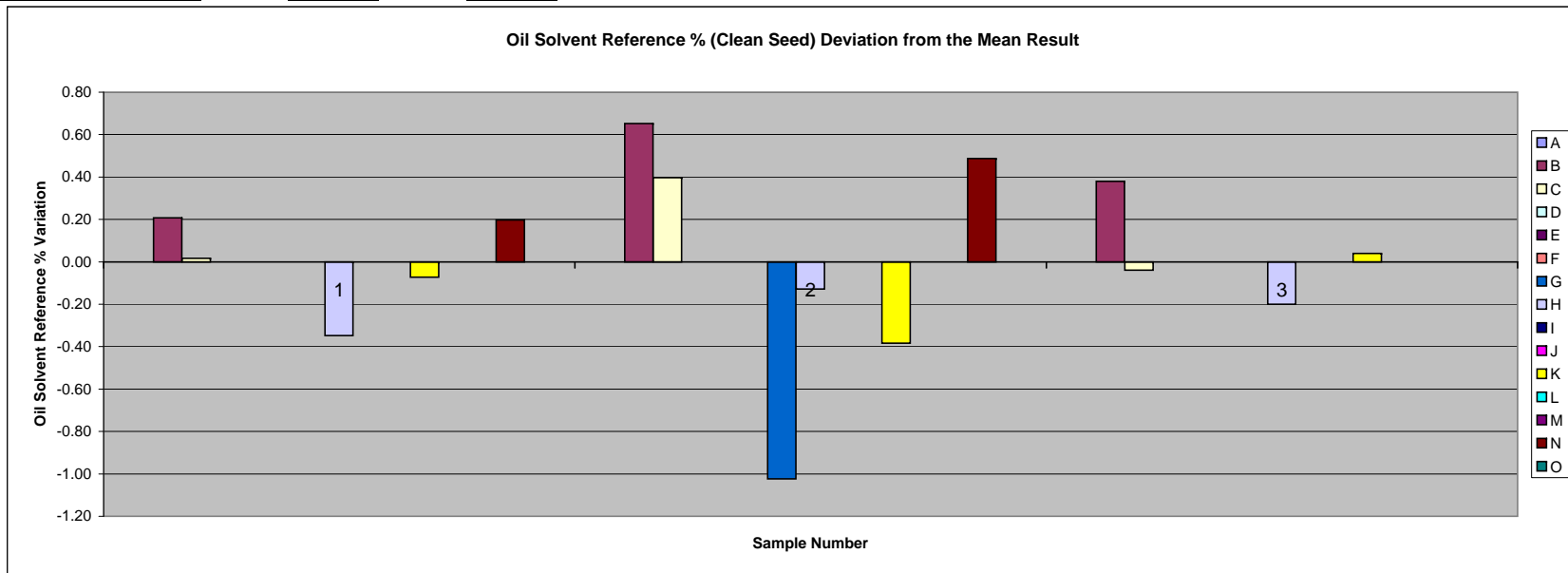
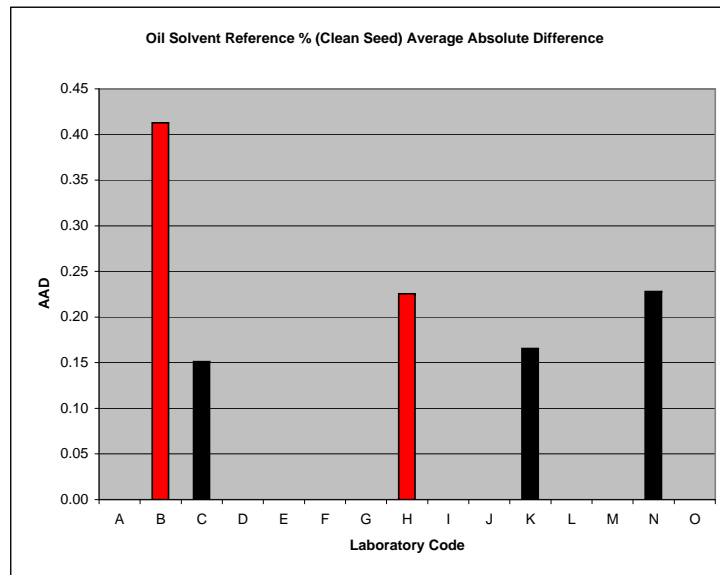
**2009/2010 AOF Test Check Program  
Round 2 Summary - January**

Oil Solvent % (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	39.38	0.29	43.33	1.33	41.34	0.90	0.84	0.84
C								
D								
E								
F	35.91	-3.18	41.46	-0.54	39.36	-1.08	-1.60	1.60
G			40.74	-1.26				
H								
I	38.09	-1.00	41.47	-0.53	40.23	-0.21	-0.58	0.58
J								
K								
L	39.45	0.36						
M								
N	39.46	0.36	43.00	1.00	40.83	0.39	0.58	0.58
O								
<b>MEAN</b>	<b>39.09</b>		<b>42.00</b>		<b>40.44</b>			<b>0.90</b>
<b>STDEV</b>	<b>0.67</b>		<b>1.11</b>		<b>0.85</b>			



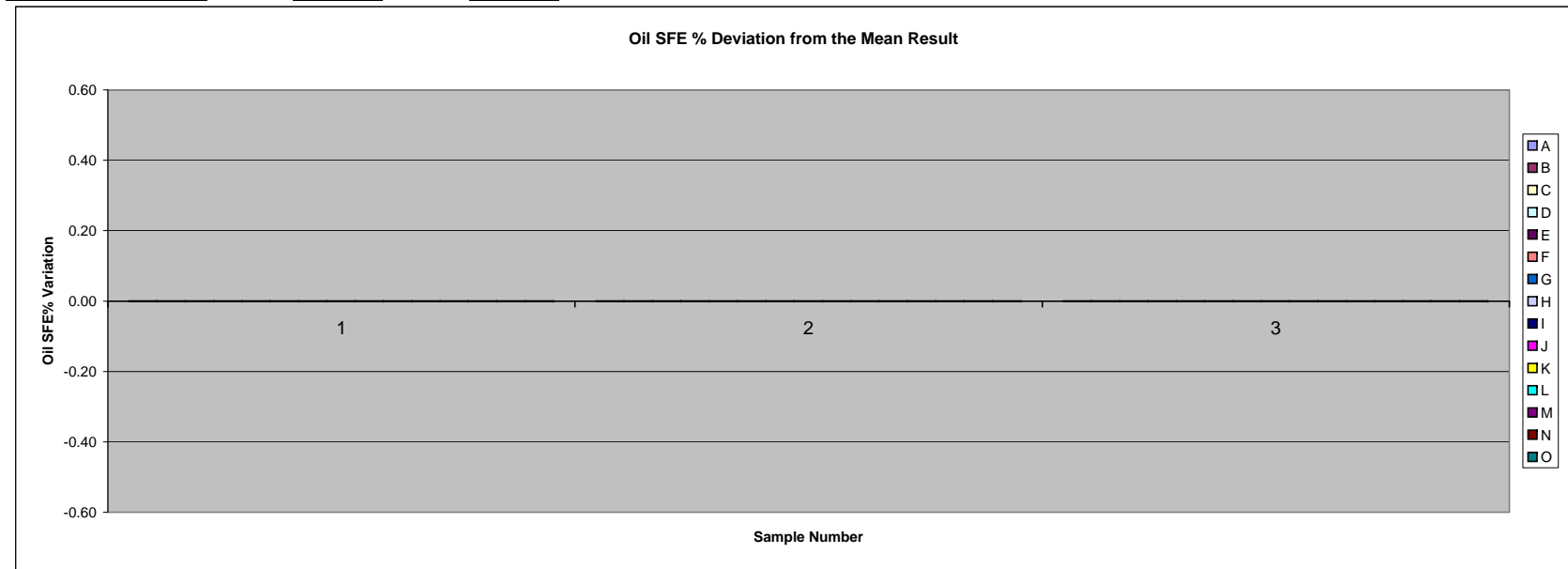
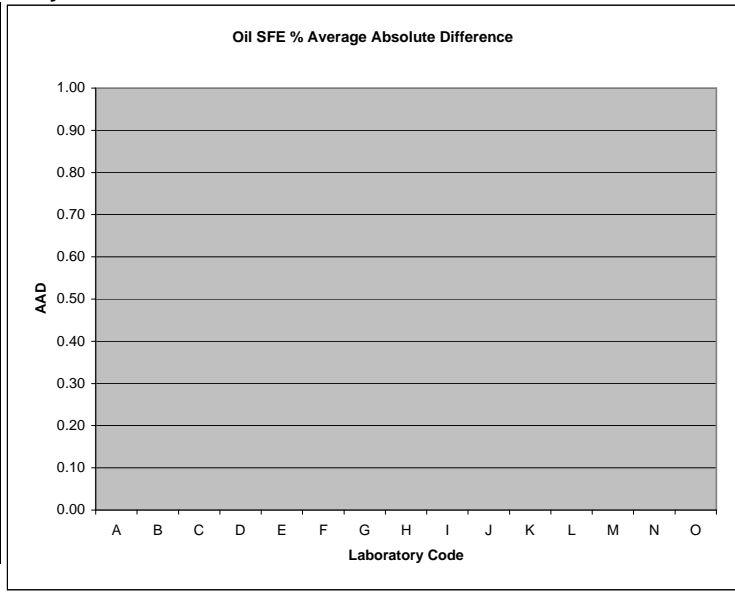
**2009/2010 AOF Test Check Program  
Round 2 Summary - January**

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	39.46	0.21	43.43	0.65	41.48	0.38	0.41	0.41
C	39.27	0.02	43.18	0.40	41.06	-0.04	0.12	0.15
D								
E								
F								
G			41.76	-1.02				
H	38.90	-0.35	42.65	-0.13	40.90	-0.20	-0.23	0.23
I								
J								
K	39.18	-0.07	42.40	-0.38	41.14	0.04	-0.14	0.17
L								
M								
N	39.45	0.20	43.27	0.49	41.10	0.00	0.23	0.23
O								
<b>MEAN</b>	<b>39.25</b>		<b>42.78</b>		<b>41.10</b>			<b>0.24</b>
<b>STDEV</b>	<b>0.23</b>		<b>0.64</b>		<b>0.04</b>			



**2009/2010 AOF Test Check Program  
Round 2 Summary - January**

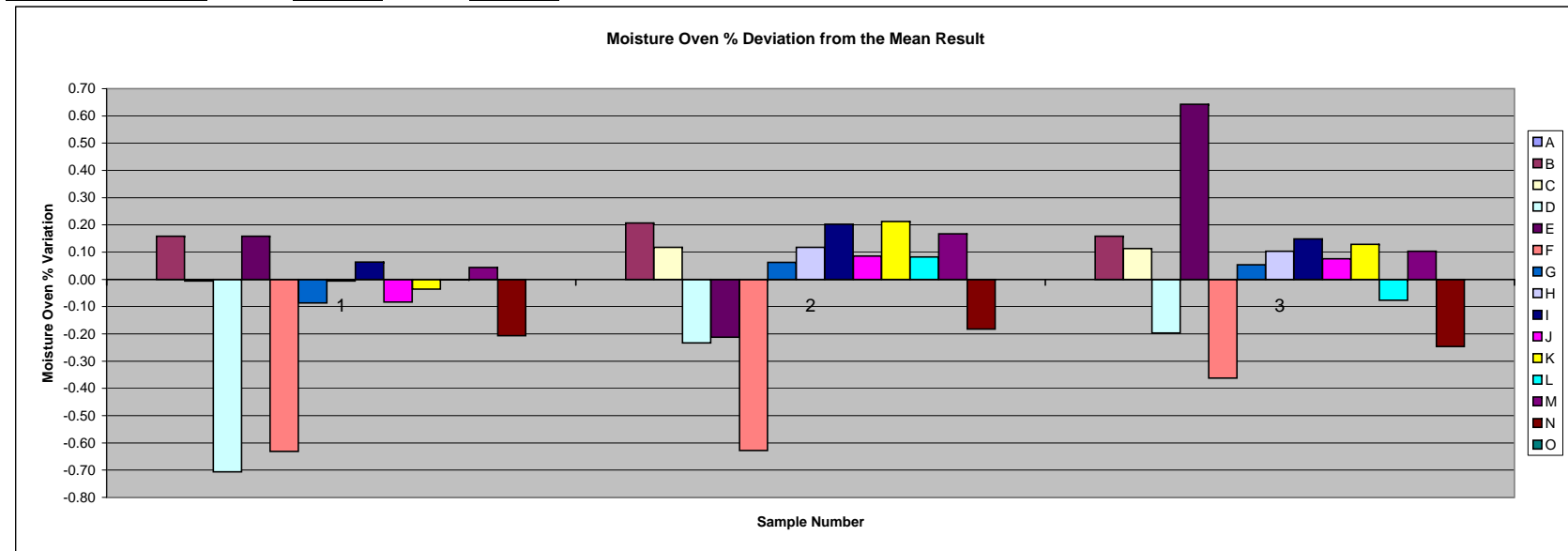
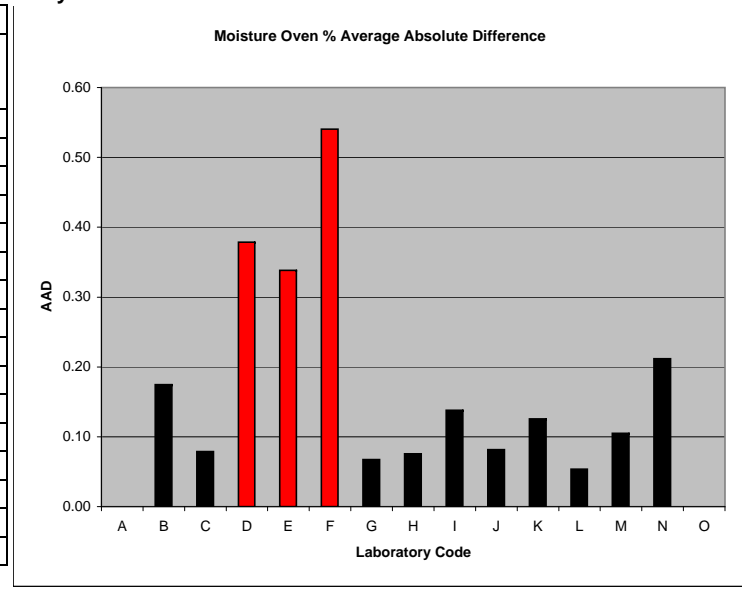
Oil SFE% Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C								
D								
E								
F								
G								
H								
I								
J								
K								
L								
M								
N								
O								
<b>MEAN</b>	#DIV/0!		#DIV/0!		#DIV/0!			#DIV/0!
<b>STDEV</b>	#DIV/0!		#DIV/0!		#DIV/0!			#DIV/0!





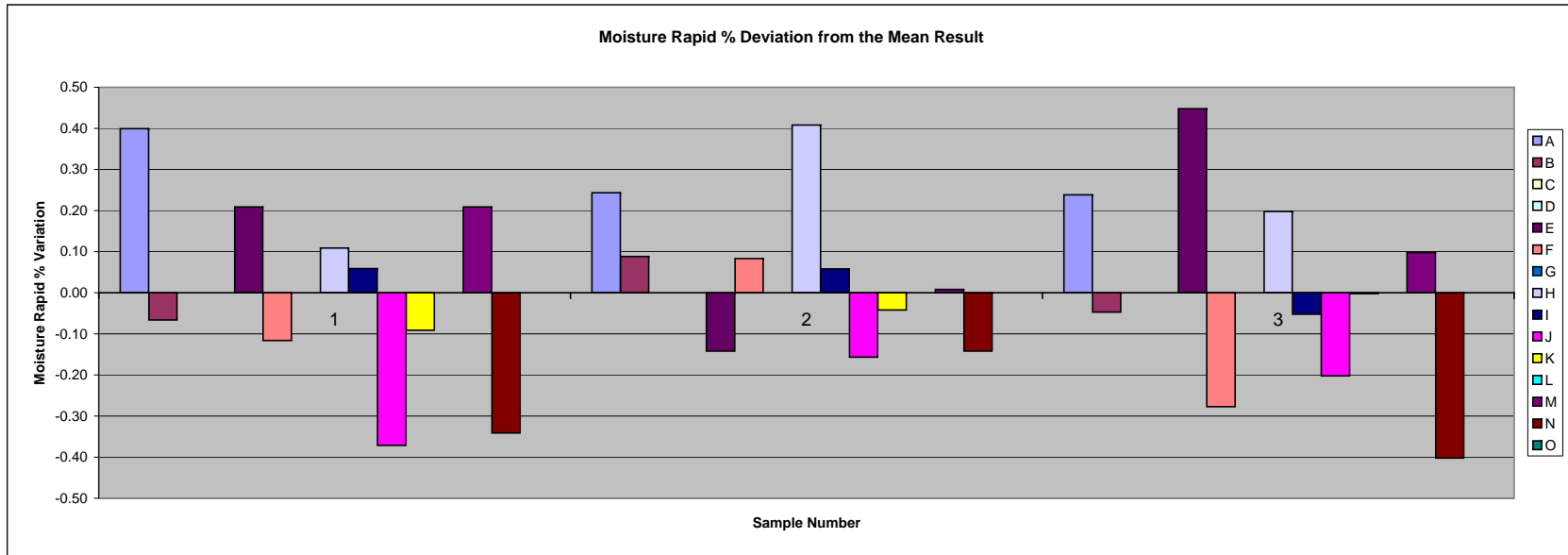
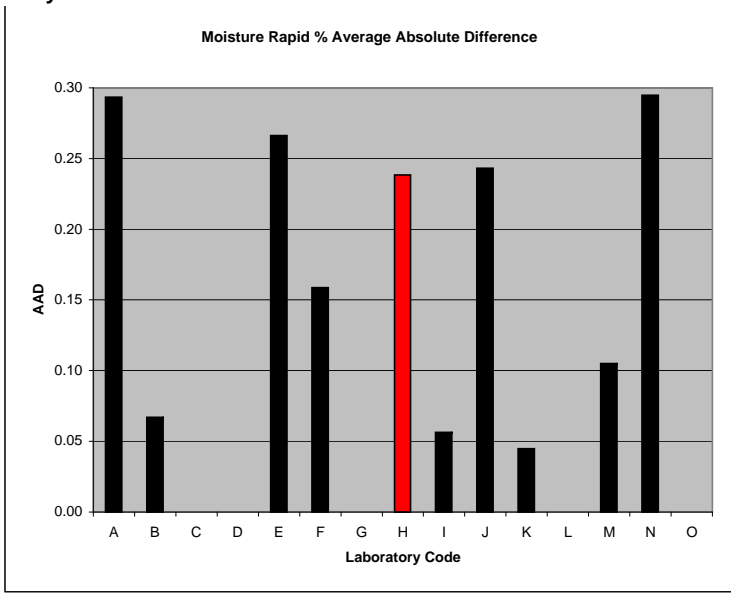
**2009/2010 AOF Test Check Program  
Round 2 Summary - January**

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		
A								
B	5.87	0.16	6.39	0.21	6.21	0.16	0.17	0.17
C	5.70	-0.01	6.30	0.12	6.16	0.11	0.07	0.08
D	5.00	-0.71	5.95	-0.23	5.85	-0.20	-0.38	0.38
E	5.87	0.16	5.97	-0.21	6.69	0.64	0.20	0.34
F	5.08	-0.63	5.56	-0.63	5.69	-0.36	-0.54	0.54
G	5.62	-0.09	6.25	0.06	6.10	0.05	0.01	0.07
H	5.70	-0.01	6.30	0.12	6.15	0.10	0.07	0.08
I	5.77	0.06	6.39	0.20	6.20	0.15	0.14	0.14
J	5.62	-0.08	6.27	0.09	6.12	0.08	0.03	0.08
K	5.67	-0.04	6.40	0.21	6.18	0.13	0.10	0.13
L	5.71	0.00	6.27	0.08	5.97	-0.08	0.00	0.05
M	5.75	0.04	6.35	0.17	6.15	0.10	0.10	0.10
N	5.50	-0.21	6.00	-0.18	5.80	-0.25	-0.21	0.21
O								
MEAN	5.71		6.18		6.05			0.18
STDEV	0.11		0.25		0.18			



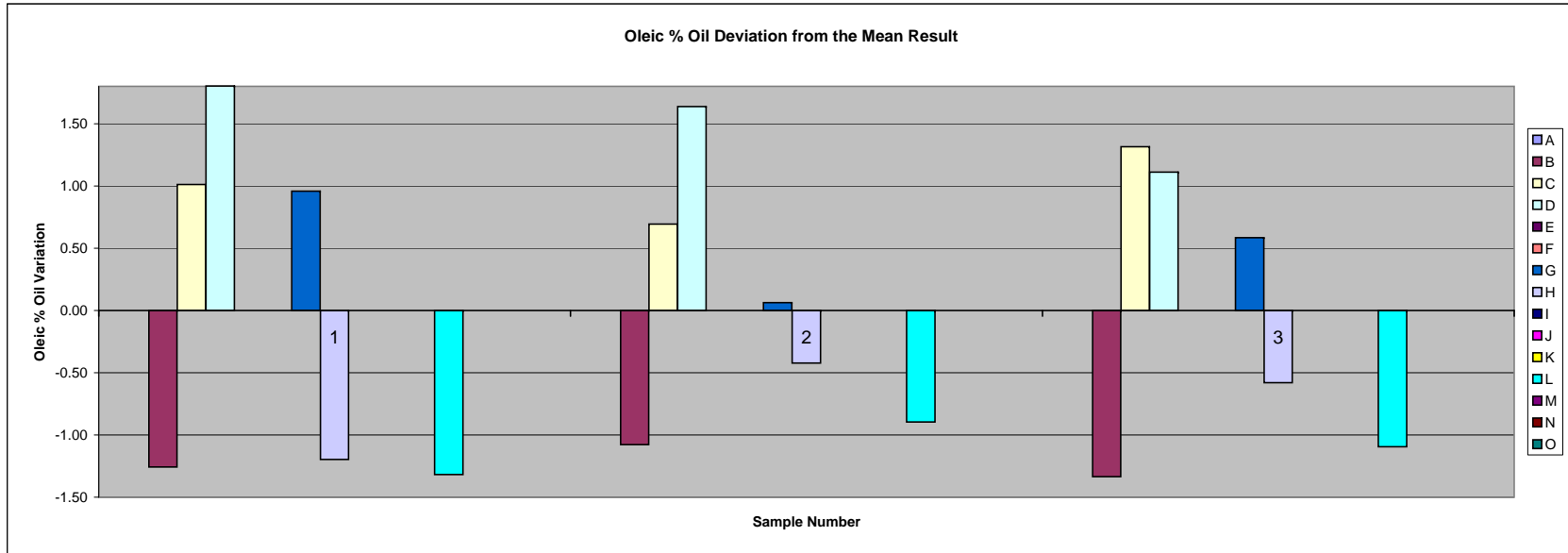
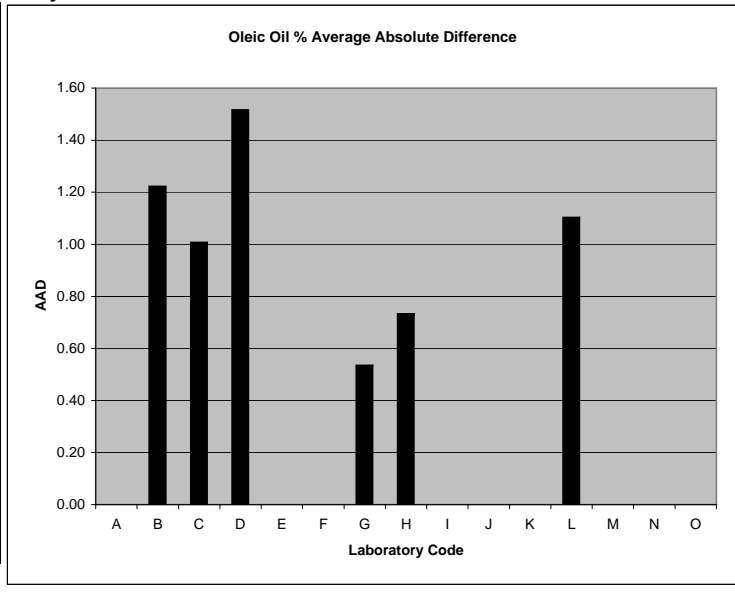
**2009/2010 AOF Test Check Program  
Round 2 Summary - January**

Moisture Rapid % 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	6.24	0.40	6.44	0.24	6.44	0.24	0.29	0.29
B	5.78	-0.07	6.28	0.09	6.16	-0.05	-0.01	0.07
C								
D								
E	6.05	0.21	6.05	-0.14	6.65	0.45	0.17	0.27
F	5.73	-0.12	6.28	0.08	5.93	-0.28	-0.10	0.16
G								
H	5.95	0.11	6.60	0.41	6.40	0.20	0.24	0.24
I	5.90	0.06	6.25	0.06	6.15	-0.05	0.02	0.06
J	5.47	-0.37	6.04	-0.16	6.00	-0.20	-0.24	0.24
K	5.75	-0.09	6.15	-0.04	6.20	0.00	-0.04	0.04
L								
M	6.05	0.21	6.20	0.01	6.30	0.10	0.11	0.11
N	5.50	-0.34	6.05	-0.14	5.80	-0.40	-0.29	0.29
O								
<b>MEAN</b>	<b>5.84</b>		<b>6.19</b>		<b>6.20</b>			<b>0.18</b>
<b>STDEV</b>	<b>0.25</b>		<b>0.13</b>		<b>0.26</b>			



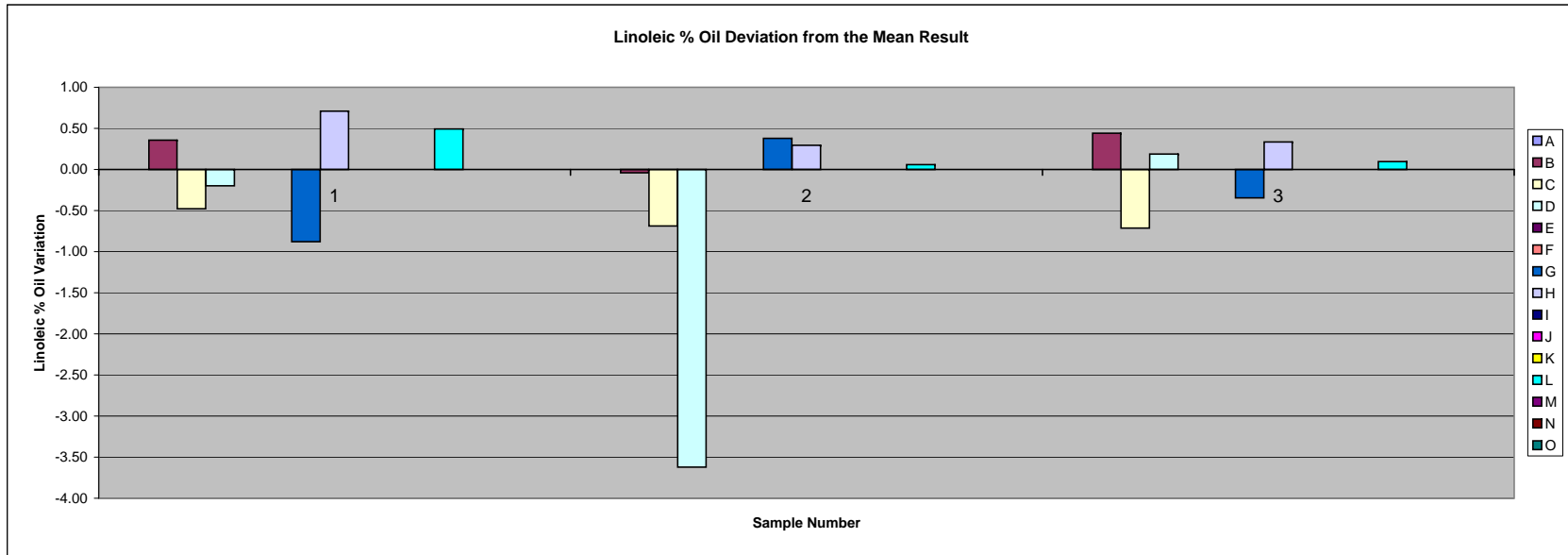
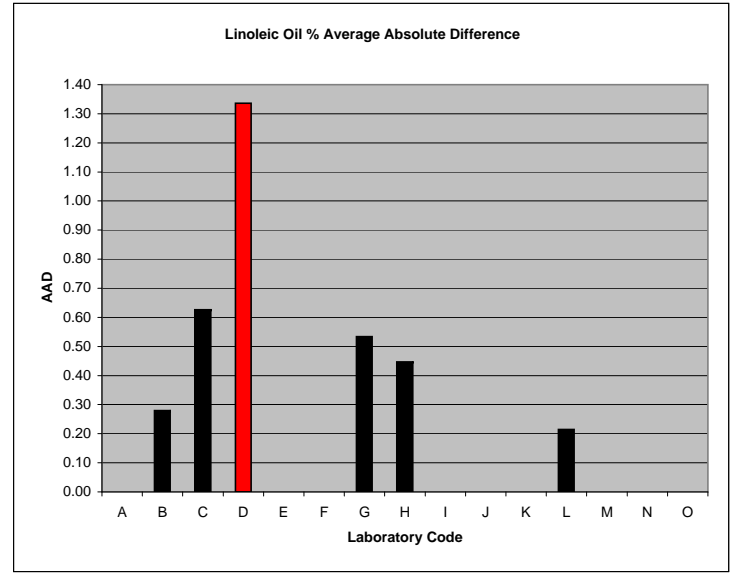
**2009/2010 AOF Test Check Program  
Round 2 Summary - January**

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	59.58	-1.26	59.86	-1.08	61.48	-1.34	-1.22	1.22
C	61.85	1.01	61.63	0.69	64.13	1.32	1.01	1.01
D	62.64	1.80	62.58	1.64	63.92	1.11	1.52	1.52
E								
F								
G	61.79	0.96	61.00	0.06	63.40	0.58	0.54	0.54
H	59.64	-1.20	60.52	-0.42	62.23	-0.58	-0.73	0.73
I								
J								
K								
L	59.52	-1.32	60.04	-0.90	61.72	-1.10	-1.10	1.10
M								
N								
O								
<b>MEAN</b>	<b>60.83</b>		<b>60.94</b>		<b>62.81</b>			<b>1.02</b>
<b>STDEV</b>	<b>1.41</b>		<b>1.03</b>		<b>1.15</b>			



**2009/2010 AOF Test Check Program  
Round 2 Summary - January**

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	20.88	0.36	20.15	-0.04	19.44	0.44	0.25	0.28
C	20.04	-0.48	19.51	-0.69	18.29	-0.71	-0.63	0.63
D	20.32	-0.20	16.57	-3.62	19.19	0.19	-1.21	1.34
E								
F								
G	19.64	-0.88	20.57	0.38	18.66	-0.34	-0.28	0.53
H	21.23	0.71	20.49	0.29	19.34	0.34	0.45	0.45
I								
J								
K								
L	21.01	0.49	20.25	0.06	19.10	0.10	0.21	0.21
M								
N								
O								
<b>MEAN</b>	<b>20.52</b>		<b>20.19</b>		<b>19.00</b>			<b>0.57</b>
<b>STDEV</b>	<b>0.62</b>		<b>0.42</b>		<b>0.44</b>			



**2009/2010 AOF Test Check Program  
Round 2 Summary - January**

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	0.58	-0.01	0.50	-0.12	0.22	-0.05	-0.06	0.06
C	0.44	-0.15	0.46	-0.16				
D	0.72	0.13	0.91	0.29	0.35	0.09	0.17	0.17
E	0.56	-0.03	0.98	0.36	0.39	0.13	0.15	0.17
F	0.51	-0.08	0.63	0.01	0.22	-0.05	-0.04	0.04
G	0.72	0.13	0.28	-0.34	0.80	0.53	0.11	0.34
H	0.38	-0.20	0.43	-0.19	0.16	-0.11	-0.17	0.17
I								
J								
K	0.73	0.14	0.77	0.15	0.26	-0.01	0.09	0.10
L	0.63	0.04	0.63	0.01	0.27	0.01	0.02	0.02
M								
N								
O								
<b>MEAN</b>	<b>0.58</b>		<b>0.62</b>		<b>0.27</b>			<b>0.13</b>
<b>STDEV</b>	<b>0.13</b>		<b>0.23</b>		<b>0.08</b>			

