



**2011 AOF Test Check Program  
Monthly Report  
Round 12  
December 2011  
01/12/2011 – 31/12/2011**

---

**Result Receiving Dates**

<b>Lab Code</b>	<b>Date</b>
<b>A</b>	07/12/2011
<b>B</b>	23/12/2011
<b>C</b>	14/12/2011
<b>D</b>	28/12/2011
<b>E</b>	16/12/2011
<b>F</b>	11/01/2012
<b>G</b>	30/12/2011
<b>H</b>	30/12/2011
<b>I</b>	12/12/2011
<b>J</b>	14/12/2011
<b>K</b>	23/12/2011
<b>L</b>	-
<b>M</b>	15/12/2011
<b>N</b>	-
<b>O</b>	-

**Discussion of Results**

***Test Weight***

Sample 1 – One outlier was identified for Lab **C** with a - 0.36 of a percent discrepancy from the lower (64.60%) quartile limit.

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for Lab **B** with a 0.27 of a percent discrepancy from the lower (68.36%) quartile limit.

***Impurities***

No outliers were observed.



**2011 AOF Test Check Program**  
**Monthly Report**  
**Round 12**  
**December 2011**  
01/12/2011 – 31/12/2011

---

***Oil Rapid***

Sample 1 – Outliers were identified for Lab **H** and **K**. Lab H results were - 0.40 of a percent discrepancy from the lower (39.35%) quartile limit. Lab K results were - 0.08 of a percent discrepancy from the lower quartile limit.

Sample 2 – One outlier was identified for Lab **G** with a - 4.11 of a percent discrepancy from the lower (44.36%) quartile limit.

Sample 3 – One outlier was identified for Lab **H** with a - 0.15 of a percent discrepancy from the lower (35.65%) quartile limit.

***Oil Solvent (ISO 659)***

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab **G** with a -0.87 of a percent discrepancy from the lower (38.94%) quartile limit.

Sample 3 – One outlier was identified for Lab **G** with a -0.59 of a percent discrepancy from the lower (34.75%) quartile limit.

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

Sample 1 – One outlier was identified for Lab **G** with a – 1.01 of a percent discrepancy from the lower (38.04%) quartile limit.

Sample 2 – One outlier was identified for Lab **G** with a – 4.77 of a percent discrepancy from the lower (43.25%) quartile limit.

Sample 3 – No outliers were observed.

***Moisture Oven***

Sample 1 – Outliers were identified for Lab **B** and **K**. Lab B results were 0.09 of a percent discrepancy from the upper (6.6%) quartile limit. Lab K results were - 0.04 of a percent discrepancy from the lower (6.34%) quartile limit.

Sample 2 – One outlier was identified for Lab **D** with a – 0.17 of a percent discrepancy from the lower (5.37%) quartile limit.

Sample 3 – One outlier was identified for Lab **D** with a – 0.55 of a percent discrepancy from the lower (5.45%) quartile limit.



**2011 AOF Test Check Program**  
**Monthly Report**  
**Round 12**  
**December 2011**  
01/12/2011 – 31/12/2011

---

***Moisture Rapid***

No outliers were observed.

***Oleic Oil***

Samples 1 and 2 showed no outliers.

Sample 3 - Outliers were identified for Lab **B** and **G**. Lab B results were - 0.35 of a percent discrepancy from the lower (60.76%) quartile limit. Lab G results were 2.03 of a percent discrepancy from the upper (63.68%) quartile limit.

***Linoleic Oil***

Sample 1 – One outlier was identified for Lab **H** with a 1.03 of a percent discrepancy from the upper (20.33%) quartile limit.

Sample 2 – One outlier was identified for Lab **H** with a 0.38 of a percent discrepancy from the upper (20.88%) quartile limit.

Sample 3 – One outlier was identified for Lab **G** with a – 0.47 of a percent discrepancy from the lower (18.53%) quartile limit.

***Free Fatty Acid***

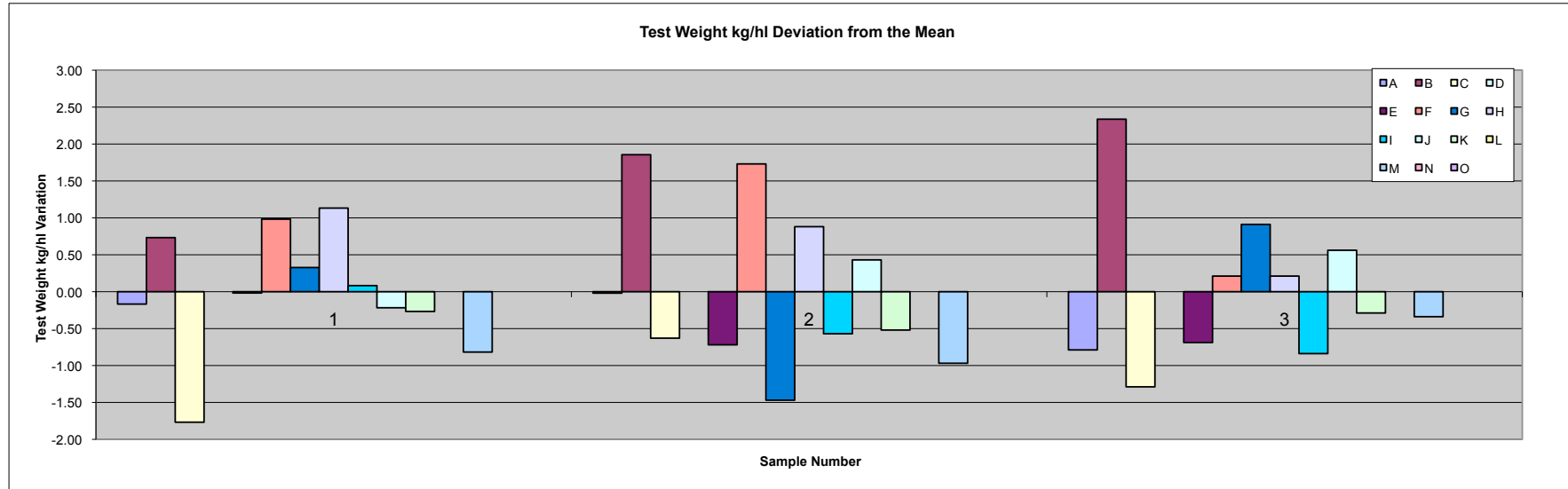
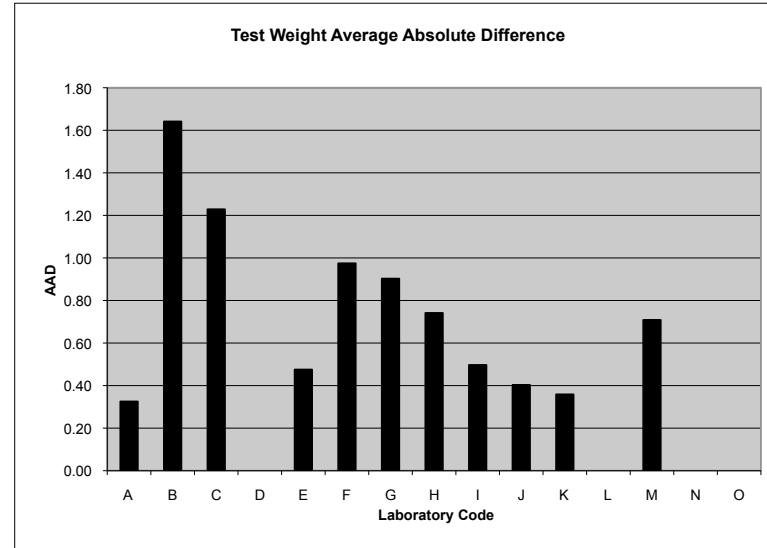
Sample 1 – One outlier was identified for Lab **E** with a 0.23 of a percent discrepancy from the upper (1.13%) quartile limit.

Sample 2 – One outlier was identified for Lab **E** with a 0.55 of a percent discrepancy from the upper (0.59%) quartile limit.

Sample 3 – One outlier was identified for Lab **E** with a 0.73 of a percent discrepancy from the upper (1.10%) quartile limit.

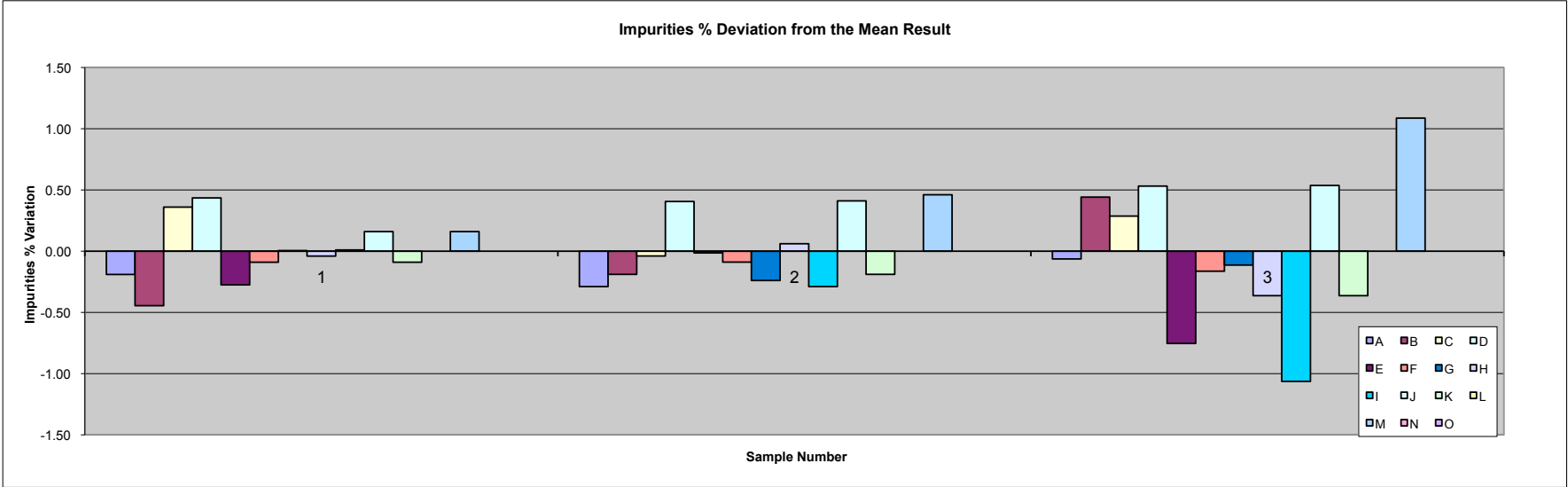
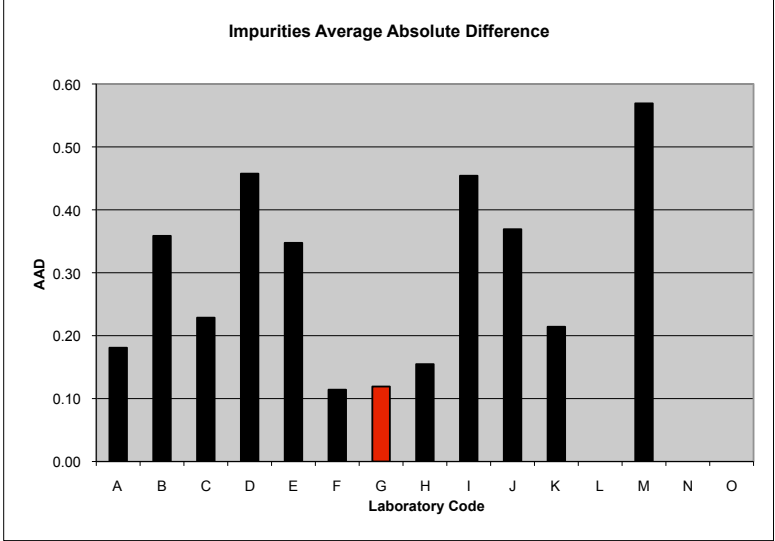
**2011 AOF Test Check Program  
Round 12 Summary - December**

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	66.10	-0.17	65.00	-0.02	65.50	-0.79	-0.33	0.33
B	67.00	0.73	66.88	1.86	68.63	2.34	1.64	1.64
C	64.50	-1.77	64.39	-0.63	65.00	-1.29	-1.23	1.23
D								
E	66.25	-0.02	64.30	-0.72	65.60	-0.69	-0.48	0.48
F	67.25	0.98	66.75	1.73	66.50	0.21	0.97	0.97
G	66.60	0.33	63.55	-1.47	67.20	0.91	-0.08	0.90
H	67.40	1.13	65.90	0.88	66.50	0.21	0.74	0.74
I	66.35	0.08	64.45	-0.57	65.45	-0.84	-0.44	0.50
J	66.05	-0.22	65.45	0.43	66.85	0.56	0.26	0.40
K	66.00	-0.27	64.50	-0.52	66.00	-0.29	-0.36	0.36
L								
M	65.45	-0.82	64.05	-0.97	65.95	-0.34	-0.71	0.71
N								
O								
MEAN	66.27		65.02		66.29			0.75
STDEV	0.83		1.10		1.02			



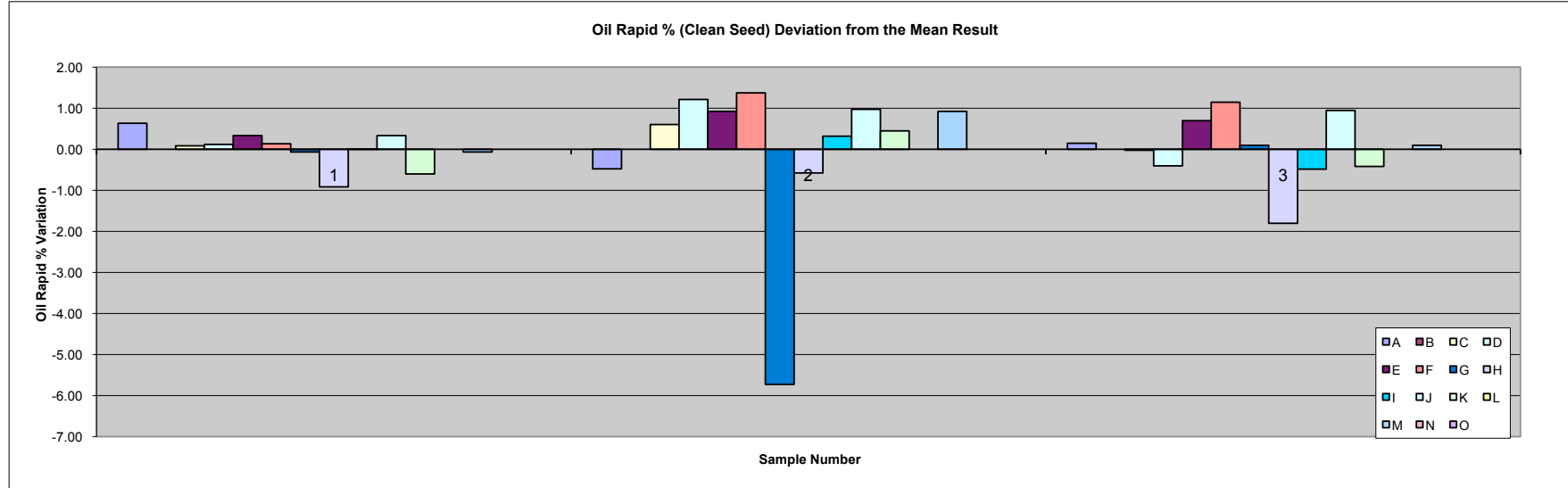
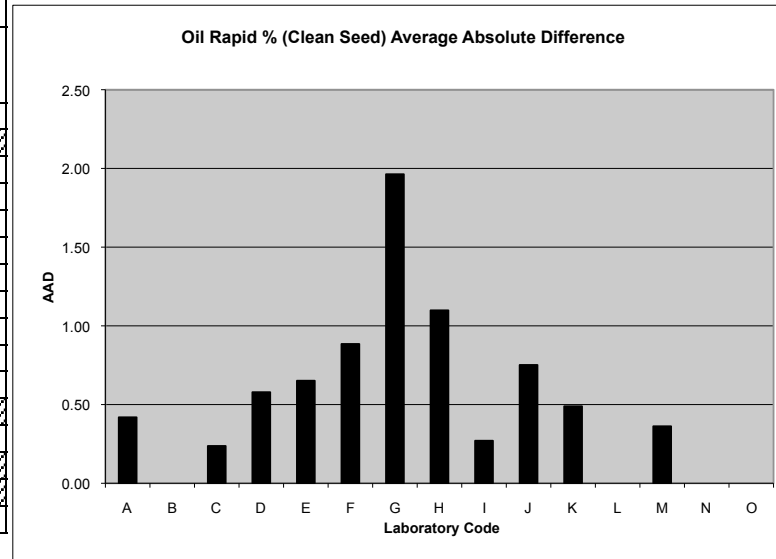
**2011 AOF Test Check Program  
Round 12 Summary - December**

Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.70	-0.19	1.60	-0.29	2.80	-0.06	-0.18	0.18
B	0.45	-0.45	1.70	-0.19	3.31	0.44	-0.06	0.36
C	1.25	0.36	1.85	-0.04	3.15	0.29	0.20	0.23
D	1.33	0.44	2.30	0.41	3.40	0.53	0.46	0.46
E	0.62	-0.28	1.88	-0.01	2.11	-0.75	-0.35	0.35
F	0.80	-0.09	1.80	-0.09	2.70	-0.16	-0.11	0.11
G	0.90	0.00	1.65	-0.24	2.75	-0.11	-0.12	0.12
H	0.85	-0.04	1.95	0.06	2.50	-0.36	-0.11	0.15
I	0.90	0.01	1.60	-0.29	1.80	-1.06	-0.45	0.45
J	1.05	0.16	2.30	0.41	3.40	0.54	0.37	0.37
K	0.80	-0.09	1.70	-0.19	2.50	-0.36	-0.21	0.21
L								
M	1.05	0.16	2.35	0.46	3.95	1.09	0.57	0.57
N								
O								
<b>MEAN</b>	<b>0.89</b>		<b>1.89</b>		<b>2.86</b>			<b>0.30</b>
<b>STDEV</b>	<b>0.25</b>		<b>0.28</b>		<b>0.61</b>			



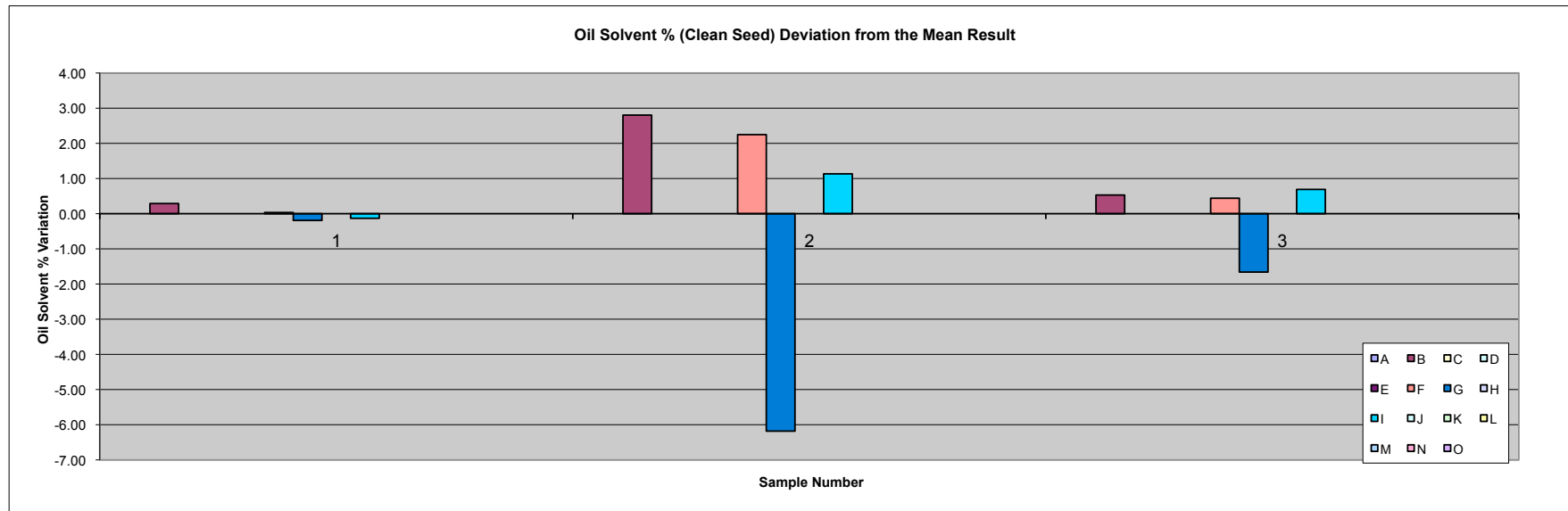
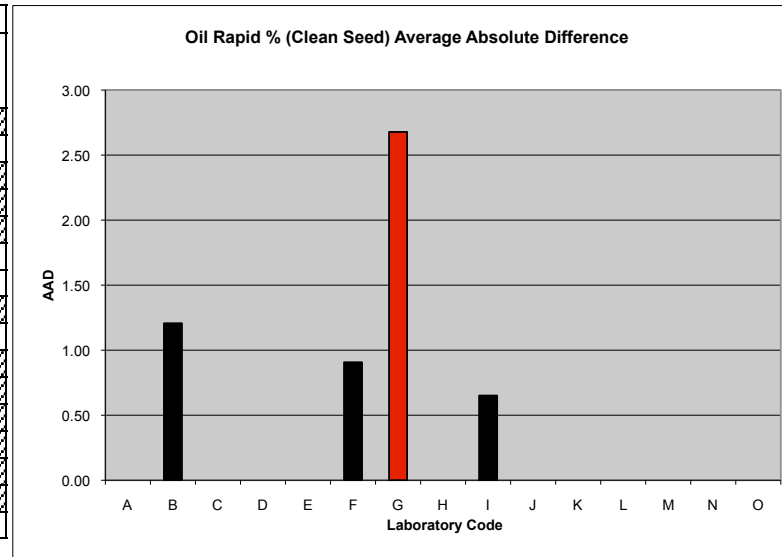
**2011 AOF Test Check Program  
Round 12 Summary - December**

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	40.50	0.63	45.50	-0.48	37.45	0.15	0.10	0.42
B								
C	39.95	0.08	46.58	0.60	37.28	-0.02	0.22	0.24
D	39.99	0.12	47.19	1.21	36.90	-0.40	0.31	0.58
E	40.20	0.33	46.90	0.92	38.00	0.70	0.65	0.65
F	40.00	0.13	47.35	1.37	38.45	1.15	0.88	0.88
G	39.80	-0.07	40.25	-5.73	37.40	0.10	-1.90	1.96
H	38.95	-0.92	45.40	-0.58	35.50	-1.80	-1.10	1.10
I	39.88	0.01	46.30	0.32	36.82	-0.48	-0.05	0.27
J	40.20	0.33	46.95	0.97	38.25	0.95	0.75	0.75
K	39.27	-0.60	46.43	0.45	36.89	-0.42	-0.19	0.49
L								
M	39.80	-0.07	46.90	0.92	37.40	0.10	0.32	0.36
N								
O								
<b>MEAN</b>	<b>39.87</b>		<b>45.98</b>		<b>37.30</b>			<b>0.70</b>
<b>STDEV</b>	<b>0.43</b>		<b>2.00</b>		<b>0.81</b>			



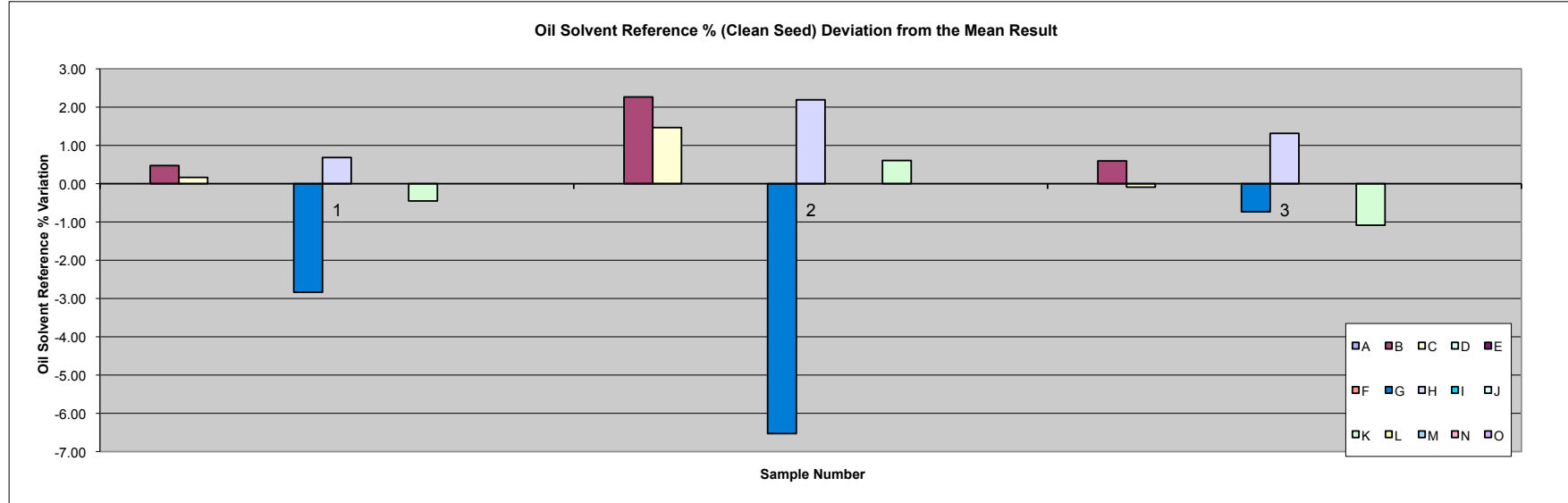
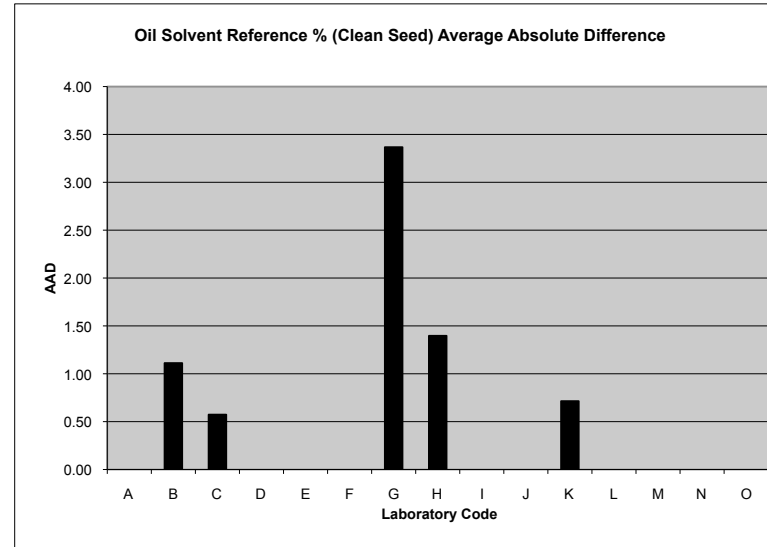
**2011 AOF Test Check Program  
Round 12 Summary - December**

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	40.16	0.29	47.06	2.80	36.94	0.53	1.21	1.21
C								
D								
E								
F	39.90	0.03	46.50	2.25	36.85	0.44	0.91	0.91
G	39.68	-0.19	38.07	-6.18	34.75	-1.66	-2.68	2.68
H								
I	39.74	-0.13	45.39	1.13	37.10	0.69	0.56	0.65
J								
K								
L								
M								
N								
O								
<b>MEAN</b>	<b>39.87</b>		<b>44.25</b>		<b>36.41</b>			<b>1.36</b>
<b>STDEV</b>	<b>0.21</b>		<b>4.18</b>		<b>1.11</b>			



**2011 AOF Test Check Program  
Round 12 Summary - December**

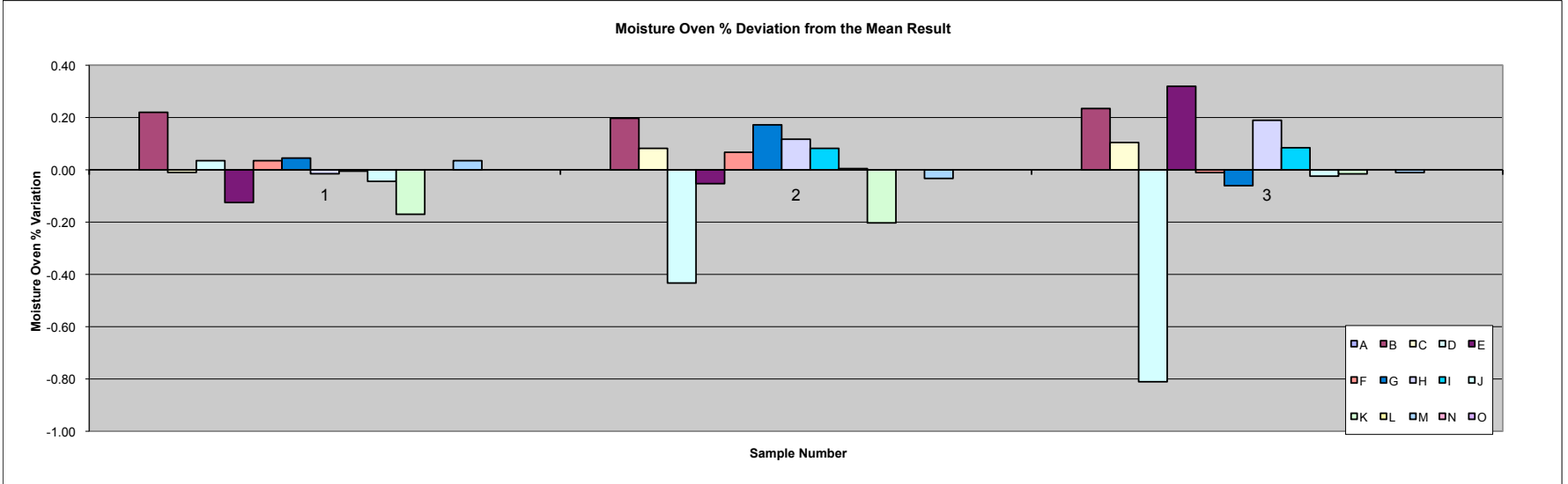
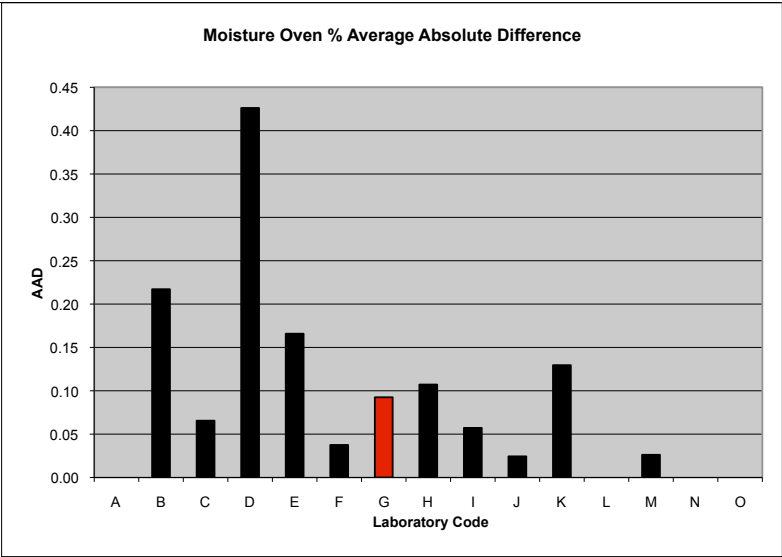
Oil Solvent Reference % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	40.34	0.47	47.28	2.27	37.53	0.60	1.11	1.11
C	40.03	0.16	46.48	1.47	36.85	-0.09	0.51	0.57
D								
E								
F								
G	37.03	-2.84	38.48	-6.53	36.20	-0.73	-3.37	3.37
H	40.55	0.68	47.20	2.19	38.25	1.32	1.40	1.40
I								
J								
K	39.42	-0.45	45.62	0.61	35.85	-1.09	-0.31	0.71
L								
M								
N								
O								
<b>MEAN</b>	<b>39.47</b>		<b>45.01</b>		<b>36.94</b>			<b>1.43</b>
<b>STDEV</b>	<b>1.43</b>		<b>3.71</b>		<b>0.98</b>			





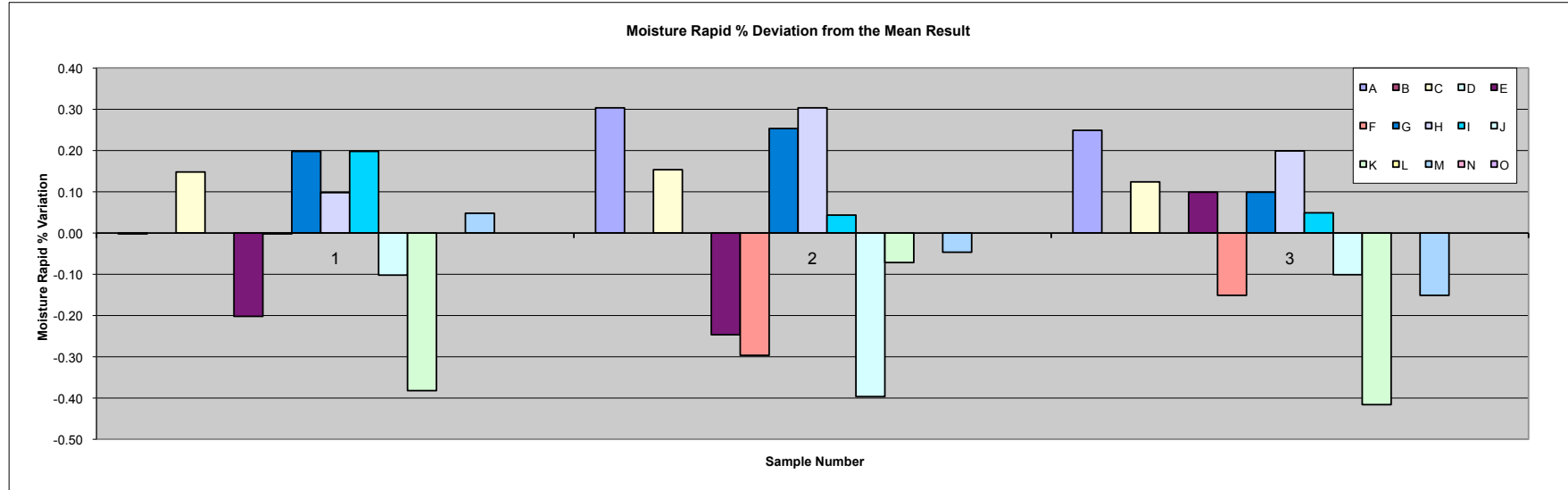
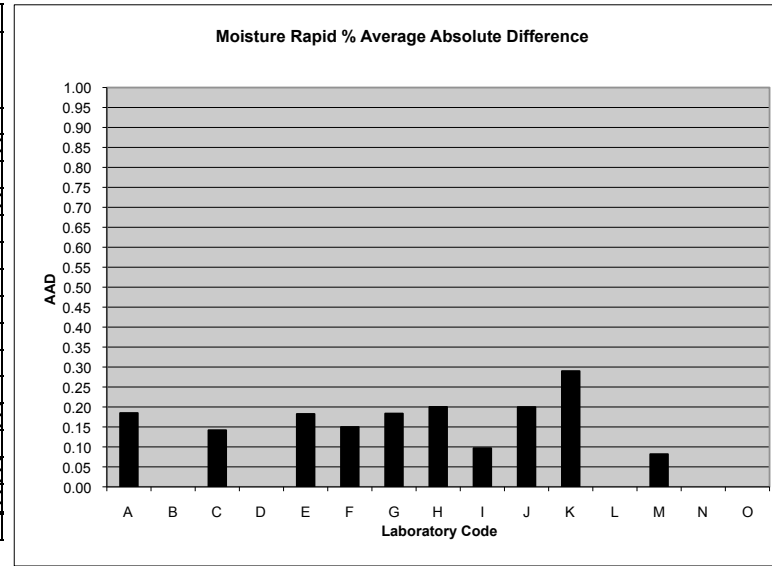
**2011 AOF Test Check Program  
Round 12 Summary - December**

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	6.69	0.22	5.83	0.20	5.95	0.23	0.22	0.22
C	6.46	-0.01	5.72	0.08	5.82	0.10	0.06	0.07
D	6.50	0.03	5.20	-0.43	4.90	-0.81	-0.40	0.43
E	6.34	-0.13	5.58	-0.05	6.03	0.32	0.05	0.17
F	6.50	0.03	5.70	0.07	5.70	-0.01	0.03	0.04
G	6.51	0.04	5.81	0.17	5.65	-0.06	0.05	0.09
H	6.45	-0.02	5.75	0.12	5.90	0.19	0.10	0.11
I	6.46	-0.01	5.72	0.08	5.80	0.08	0.05	0.06
J	6.42	-0.04	5.64	0.00	5.69	-0.02	-0.02	0.02
K	6.30	-0.17	5.43	-0.20	5.70	-0.02	-0.13	0.13
L								
M	6.50	0.03	5.60	-0.03	5.70	-0.01	0.00	0.03
N								
O								
MEAN	6.47		5.63		5.71			0.12
STDEV	0.10		0.18		0.30			



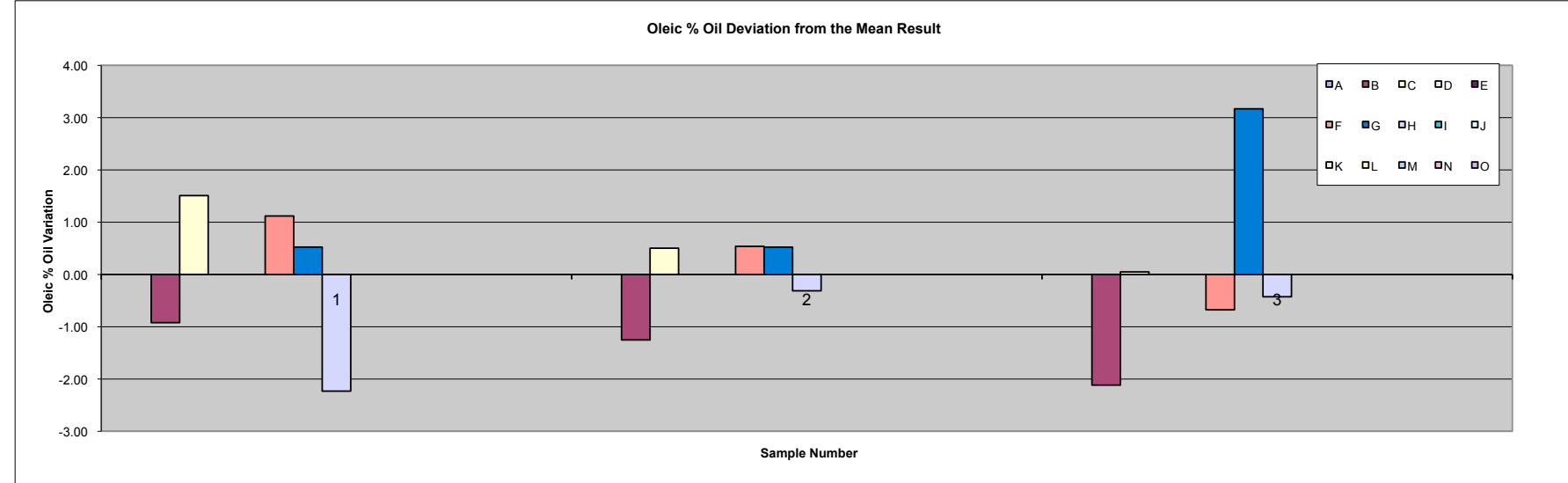
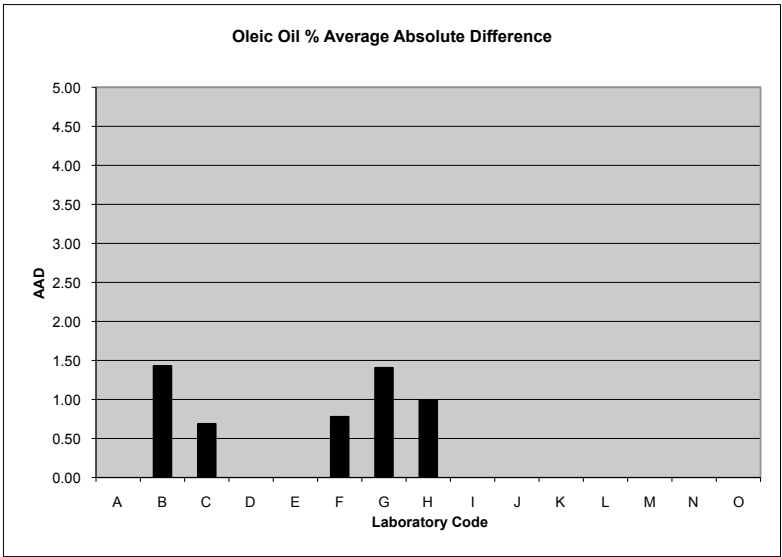
**2011 AOF Test Check Program  
Round 12 Summary - December**

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	6.50	0.00	6.05	0.30	6.15	0.25	0.18	0.18
B								
C	6.65	0.15	5.90	0.15	6.03	0.12	0.14	0.14
D								
E	6.30	-0.20	5.50	-0.25	6.00	0.10	-0.12	0.18
F	6.50	0.00	5.45	-0.30	5.75	-0.15	-0.15	0.15
G	6.70	0.20	6.00	0.25	6.00	0.10	0.18	0.18
H	6.60	0.10	6.05	0.30	6.10	0.20	0.20	0.20
I	6.70	0.20	5.79	0.04	5.95	0.05	0.10	0.10
J	6.40	-0.10	5.35	-0.40	5.80	-0.10	-0.20	0.20
K	6.12	-0.38	5.68	-0.07	5.49	-0.42	-0.29	0.29
L								
M	6.55	0.05	5.70	-0.05	5.75	-0.15	-0.05	0.08
N								
O								
<b>MEAN</b>	<b>6.50</b>		<b>5.75</b>		<b>5.90</b>			<b>0.17</b>
<b>STDEV</b>	<b>0.19</b>		<b>0.26</b>		<b>0.20</b>			



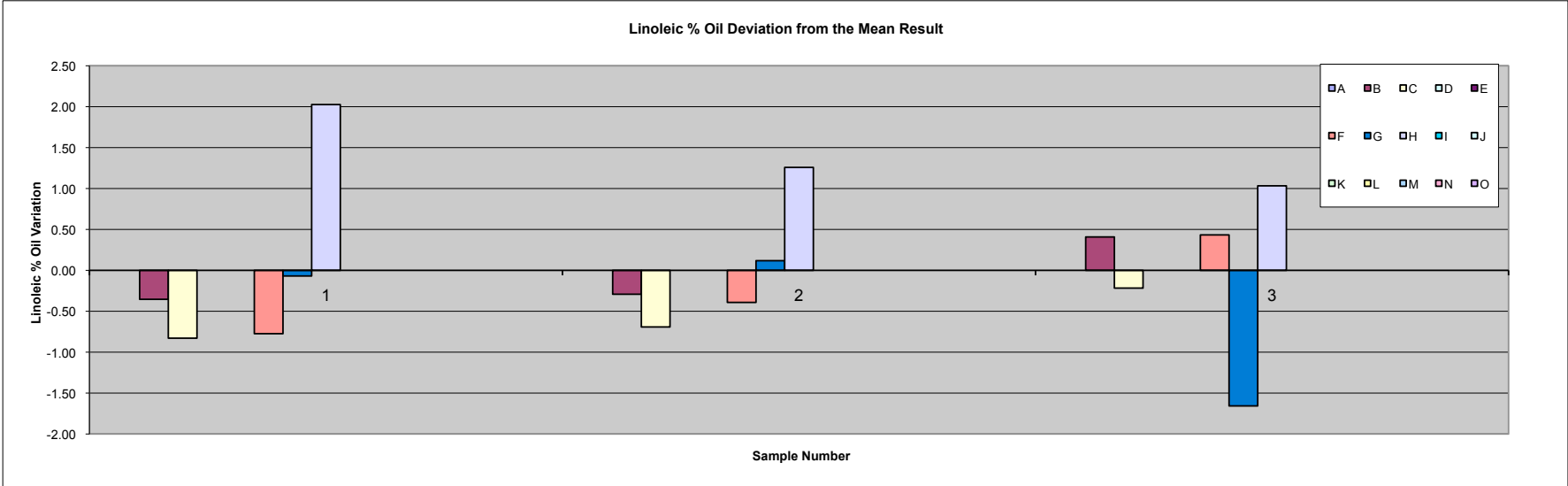
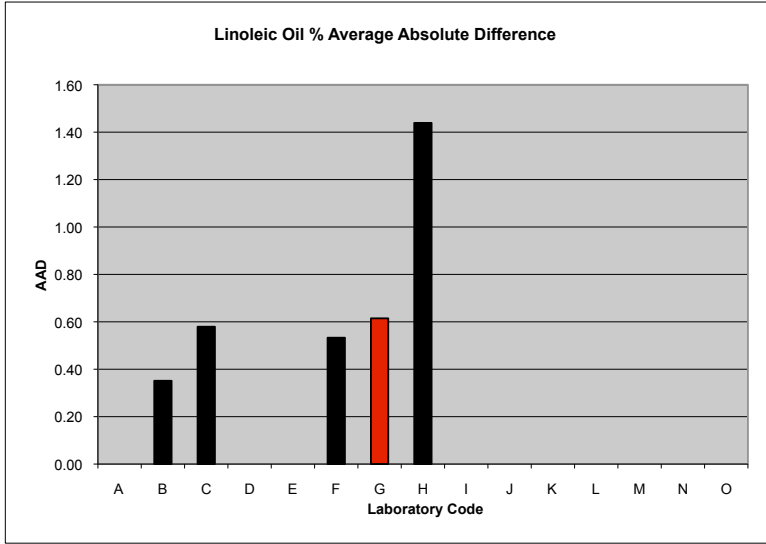
**2011 AOF Test Check Program  
Round 12 Summary - December**

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	62.51	-0.92	60.46	-1.25	60.41	-2.12	-1.43	1.43
C	64.94	1.51	62.22	0.50	62.58	0.05	0.69	0.69
D								
E								
F	64.55	1.12	62.25	0.54	61.85	-0.68	0.33	0.78
G	63.96	0.52	62.24	0.52	65.70	3.17	1.41	1.41
H	61.20	-2.23	61.40	-0.31	62.10	-0.43	-0.99	0.99
I								
J								
K								
L								
M								
N								
O								
MEAN	63.43		61.71		62.53			1.06
STDEV	1.55		0.79		1.95			



**2011 AOF Test Check Program  
Round 12 Summary - December**

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	18.97	-0.35	19.70	-0.29	20.13	0.41	-0.08	0.35
C	18.50	-0.83	19.30	-0.69	19.50	-0.22	-0.58	0.58
D								
E								
F	18.55	-0.77	19.60	-0.39	20.15	0.43	-0.24	0.53
G	19.26	-0.07	20.11	0.12	18.06	-1.66	-0.54	0.61
H	21.35	2.03	21.25	1.26	20.75	1.03	1.44	1.44
I								
J								
K								
L								
M								
N								
O								
MEAN	19.32		19.99		19.72			0.70
STDEV	1.17		0.76		1.03			



2011 AOF Test Check Program  
Round 12 Summary - December

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	0.48	-0.14	0.32	-0.12	0.39	-0.24	-0.17	0.17
C	0.33	-0.29	0.35	-0.09	0.17	-0.46	-0.28	0.28
D								
E	1.36	0.74	1.13	0.69	1.82	1.19	0.87	0.87
F	0.90	0.28	0.46	0.02	0.78	0.15	0.15	0.15
G	0.28	-0.34	0.25	-0.19	0.51	-0.12	-0.22	0.22
H	0.49	-0.13	0.25	-0.19	0.30	-0.33	-0.22	0.22
I								
J								
K	0.48	-0.14	0.33	-0.11	0.44	-0.19	-0.15	0.15
L								
M								
N								
O								
MEAN	0.62		0.44		0.63			0.29
STDEV	0.38		0.31		0.56			

