



2011 AOF Test Check Program
Monthly Report
Round 8
August 2011
01/08/2011 – 31/08/2011

Result Receiving Dates

Lab Code	Date
A	17/08/2011
B	31/08/2011
C	07/09/2011
D	30/08/2011
E	12/08/2011
F	25/08/2011
G	31/08/2011
H	31/08/2011
I	16/08/2011
J	24/08/2011
K	24/08/2011
L	31/08/2011
M	30/08/2011
N	18/08/2011
O	-

Discussion of Results

Test Weight

No outliers were observed for Test Weight analyses during this round.

Impurities

Sample 1, Lab B and L both submitted results that were 0.05 and 1.06 higher than the True Outlier Q3 (1.84) respectively. Sample 3, Lab A and G is observed to be 0.05 and 1.22 lower than the True Outlier Q1 (1.55) while Lab C is observed to be 0.67 higher than the True Outlier Q3 (2.94).

Oil Rapid

Lab D submitted a result that were 0.86 lower than the True Outlier Q1 (39.11) for Sample 1. For Sample 2, Lab A (42.55) came out 0.60 lower than the True Outlier Q1 (43.15) while Lab D (45.45) came out 0.14 higher than the True Outlier Q3 (45.31). Sample 3 True Outlier Q3 (47.73), saw Lab D result to be 0.70 higher.



2011 AOF Test Check Program
Monthly Report
Round 8
August 2011
01/08/2011 – 31/08/2011

Oil Solvent (ISO 659)

Sample 1 True Outlier Q1 and Q3 for this test is 39.19 and 41.14. From these True Outliers, Lab G result (38.59) and Lab L result (47.19) came out 0.60 lower and 6.05 higher for the respective Lab and True Outliers Q1 and Q3. In Sample 2, Lab G was the only lab to submit a result (41.96) to be 1.23 lower than the True Outlier Q1 (43.19)

Oil Solvent Reference (AOCS Method Am 2-93)

No outliers were generated for this analysis during this round.

Moisture Oven

Lab G, Lab L and Lab N are the only labs to generate an outlier across all three samples. Lab G submitted results were observed to be 0.13 and 0.31 lower than the Sample 1 True Outlier Q1 (5.66) and Sample 3 True Outlier Q1 (5.87) respectively. Lab N Sample 2 result was observed to be 0.17 higher than Sample 2 True Outlier Q3 (6.28).

Moisture Rapid

For Sample 2, Lab K (5.64) and Lab C (6.20) submitted a result that is exactly equal to the True Outlier Q1 and the True Outlier Q3. Lab A Sample 3 result (6.55) is 0.02 lower than the True Outlier Q1 (6.57)

Oleic Oil

A result for Sample 1 from Lab L (58.51) was found to be 0.71 lower than the True Outlier Q1 (59.22). No other outliers were found in Sample 2 and 3.

Linoleic Oil

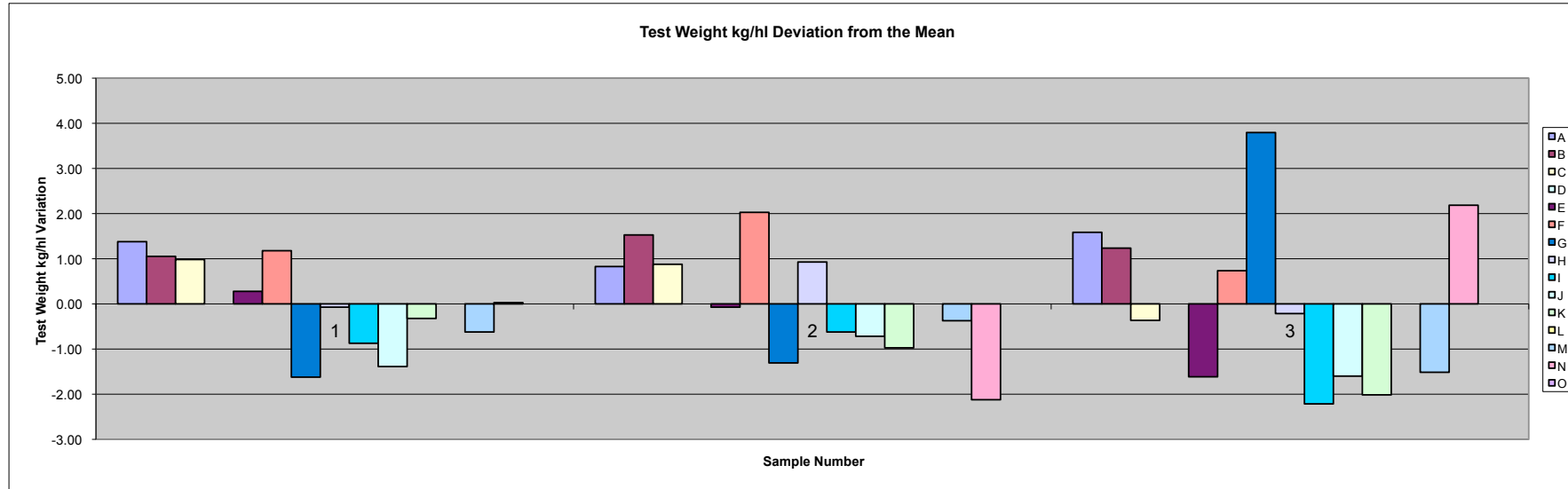
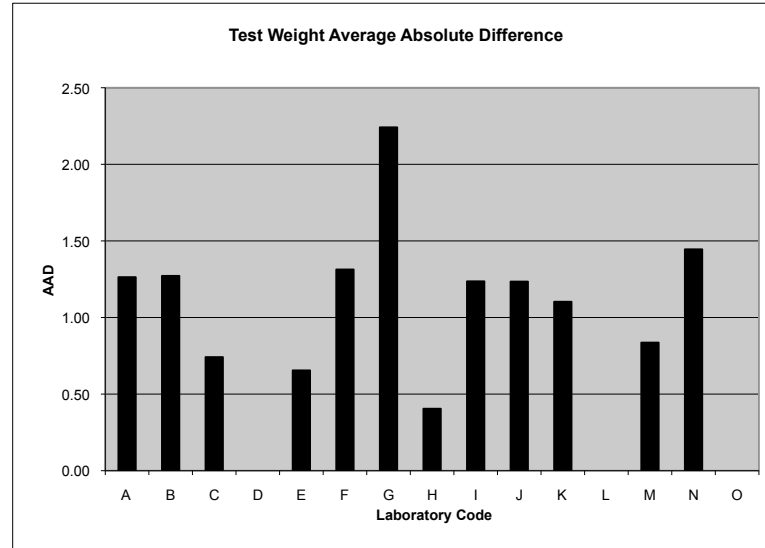
A minute difference of 0.02 higher than the True Outlier Q3 (20.54) in Sample 1 for Lab L result (20.56) was indicated for this test. No other outliers were observed in Sample 2 and 3.

Free Fatty Acid

Lab E, Sample 1 result (1.08) is 0.29 higher than the True Outlier Q3 (0.79) while in Sample 2, Lab G result (0.52) is 0.04 higher than the True Outlier Q3 (0.48).

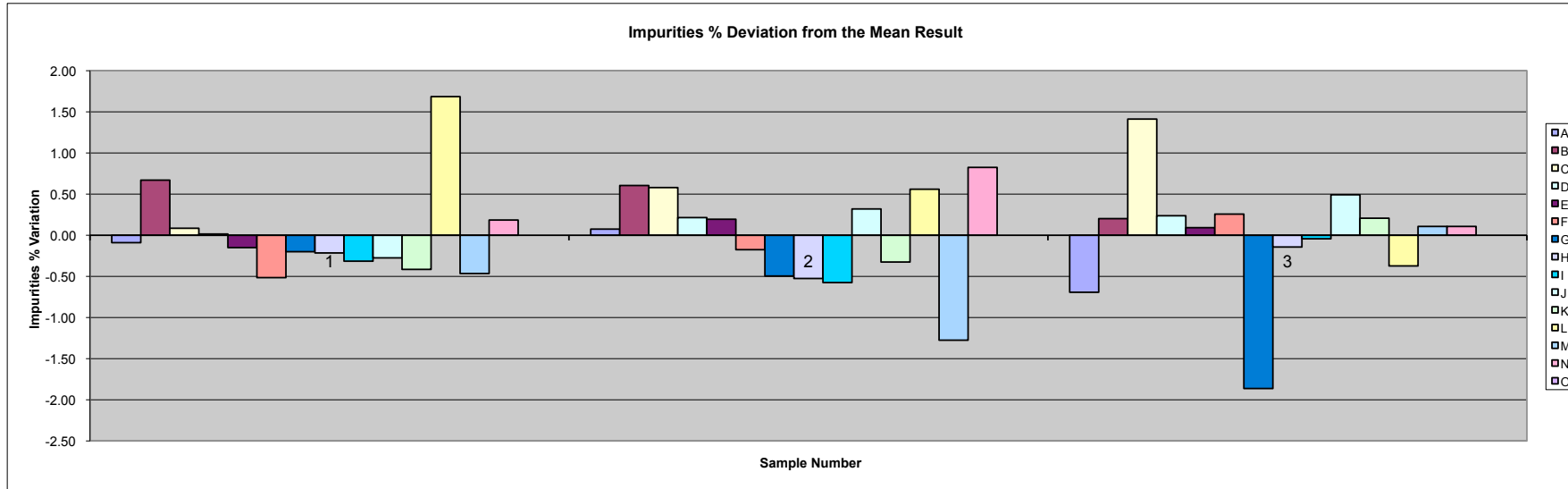
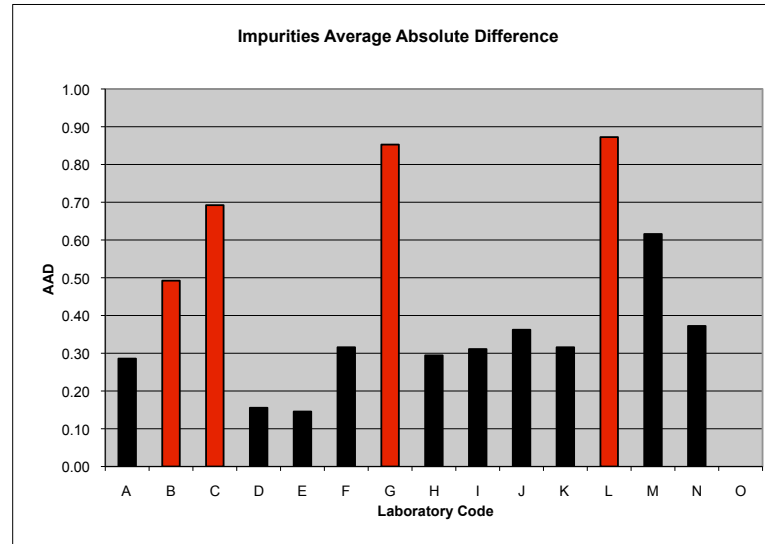
**2011 AOF Test Check Program
Round 8 Summary - August**

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	68.20	1.38	68.30	0.83	67.10	1.59	1.26	1.26
B	67.88	1.05	69.00	1.53	66.75	1.24	1.27	1.27
C	67.81	0.98	68.35	0.88	65.15	-0.36	0.50	0.74
D								
E	67.10	0.28	67.40	-0.07	63.90	-1.61	-0.47	0.65
F	68.00	1.18	69.50	2.03	66.25	0.74	1.31	1.31
G	65.20	-1.62	66.17	-1.31	69.31	3.80	0.29	2.24
H	66.75	-0.07	68.40	0.93	65.30	-0.21	0.21	0.40
I	65.95	-0.87	66.85	-0.62	63.30	-2.21	-1.24	1.24
J	65.44	-1.39	66.76	-0.72	63.92	-1.60	-1.23	1.23
K	66.50	-0.32	66.50	-0.97	63.50	-2.01	-1.10	1.10
L								
M	66.20	-0.62	67.10	-0.37	64.00	-1.51	-0.84	0.84
N	66.85	0.03	65.35	-2.12	67.70	2.19	0.03	1.45
O								
MEAN	66.82		67.47		65.51			1.15
STDEV	1.01		1.24		1.92			



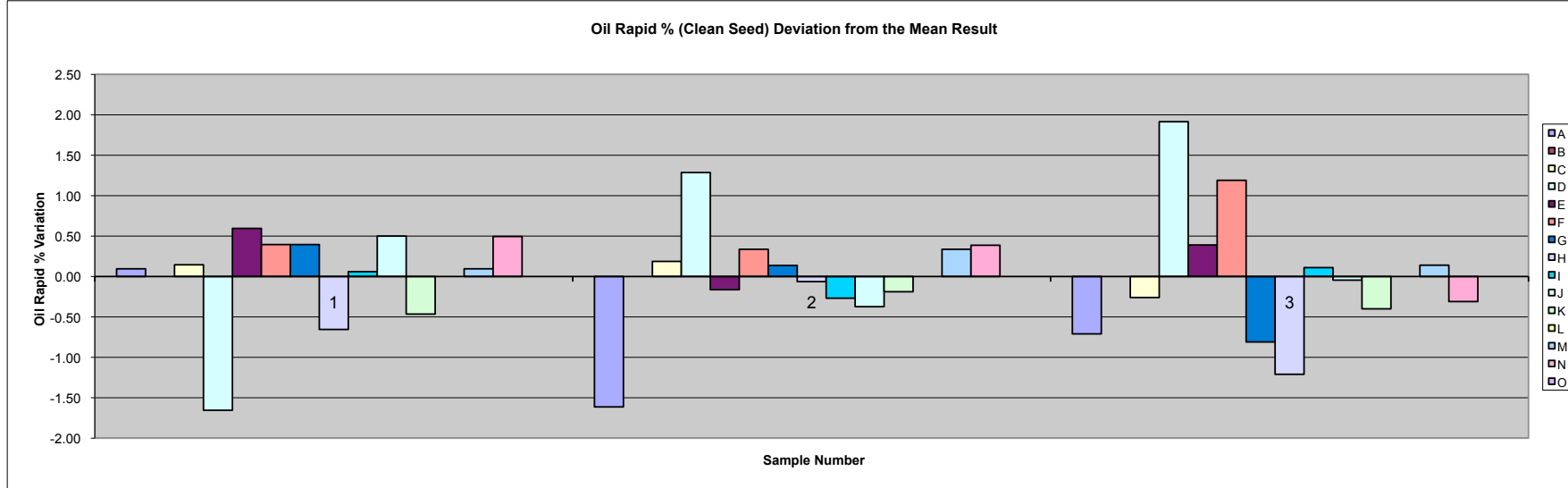
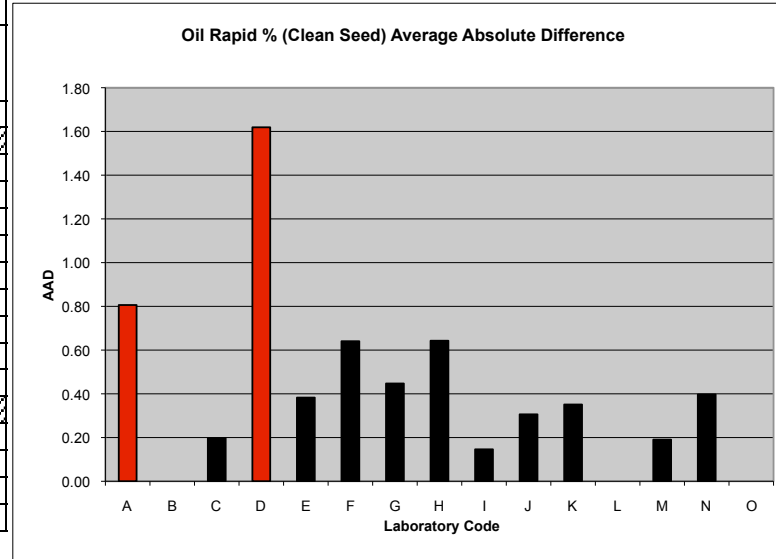
**2011 AOF Test Check Program
Round 8 Summary - August**

Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	1.13	-0.09	1.90	0.07	1.50	-0.69	-0.24	0.29
B	1.89	0.67	2.43	0.60	2.40	0.20	0.49	0.49
C	1.30	0.09	2.41	0.58	3.61	1.41	0.69	0.69
D	1.23	0.02	2.04	0.21	2.43	0.24	0.16	0.16
E	1.07	-0.15	2.02	0.19	2.29	0.09	0.05	0.15
F	0.70	-0.52	1.65	-0.18	2.45	0.26	-0.14	0.32
G	1.02	-0.20	1.33	-0.50	0.33	-1.86	-0.85	0.85
H	1.00	-0.22	1.30	-0.53	2.05	-0.14	-0.29	0.29
I	0.90	-0.32	1.25	-0.58	2.15	-0.04	-0.31	0.31
J	0.94	-0.28	2.15	0.32	2.69	0.49	0.18	0.36
K	0.80	-0.42	1.50	-0.33	2.40	0.21	-0.18	0.32
L	2.90	1.69	2.39	0.56	1.82	-0.37	0.62	0.87
M	0.75	-0.47	0.55	-1.28	2.30	0.11	-0.54	0.62
N	1.40	0.19	2.65	0.82	2.30	0.11	0.37	0.37
O								
MEAN	1.22		1.83		2.19			0.43
STDEV	0.57		0.59		0.71			



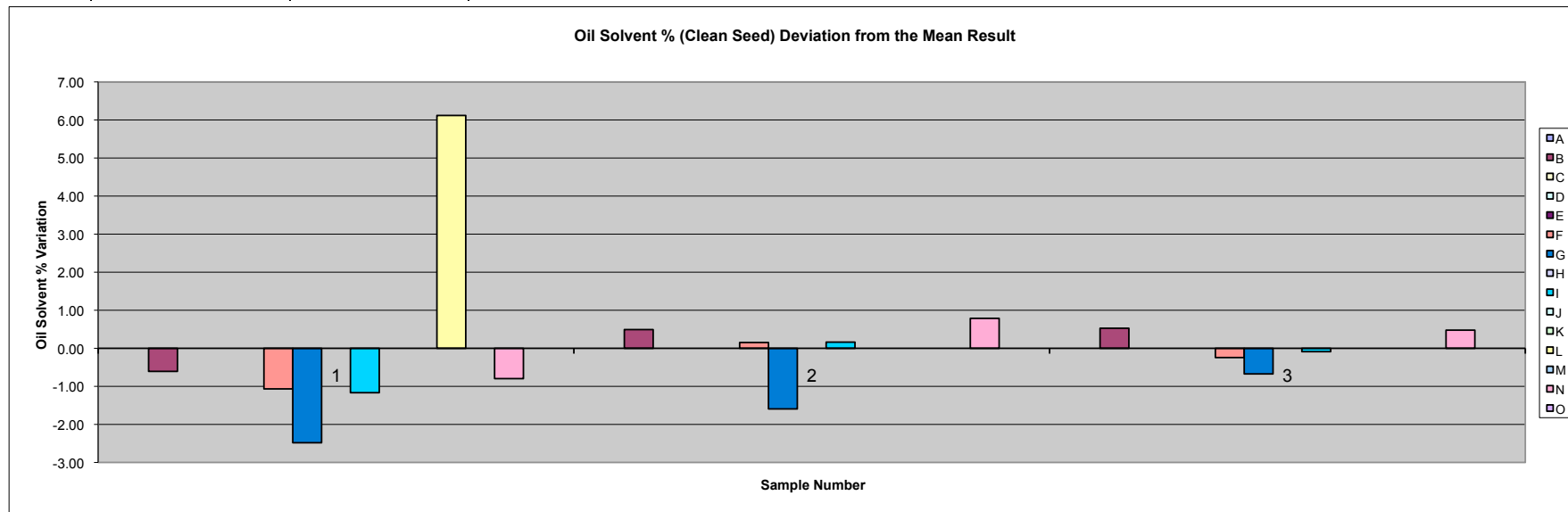
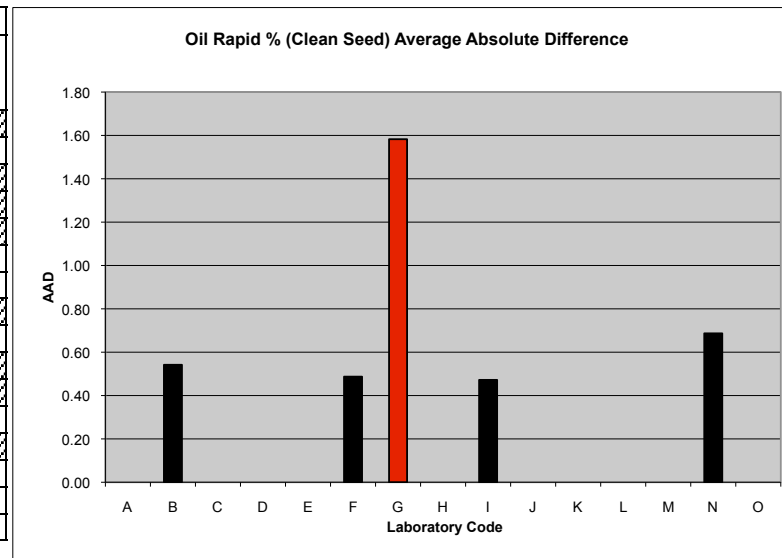
**2011 AOF Test Check Program
Round 8 Summary - August**

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	40.00	0.10	42.55	-1.61	45.80	-0.71	-0.74	0.81
B								
C	40.05	0.15	44.35	0.19	46.25	-0.26	0.02	0.20
D	38.25	-1.65	45.45	1.29	48.43	1.92	0.52	1.62
E	40.50	0.60	44.00	-0.16	46.90	0.39	0.27	0.38
F	40.30	0.40	44.50	0.34	47.70	1.19	0.64	0.64
G	40.30	0.40	44.30	0.14	45.70	-0.81	-0.09	0.45
H	39.25	-0.65	44.10	-0.06	45.30	-1.21	-0.64	0.64
I	39.97	0.06	43.90	-0.27	46.62	0.11	-0.03	0.15
J	40.41	0.50	43.79	-0.37	46.47	-0.04	0.03	0.31
K	39.44	-0.46	43.98	-0.19	46.11	-0.40	-0.35	0.35
L								
M	40.00	0.10	44.50	0.34	46.65	0.14	0.19	0.19
N	40.40	0.50	44.55	0.39	46.20	-0.31	0.19	0.40
O								
MEAN	39.91		44.16		46.51			0.51
STDEV	0.65		0.67		0.86			



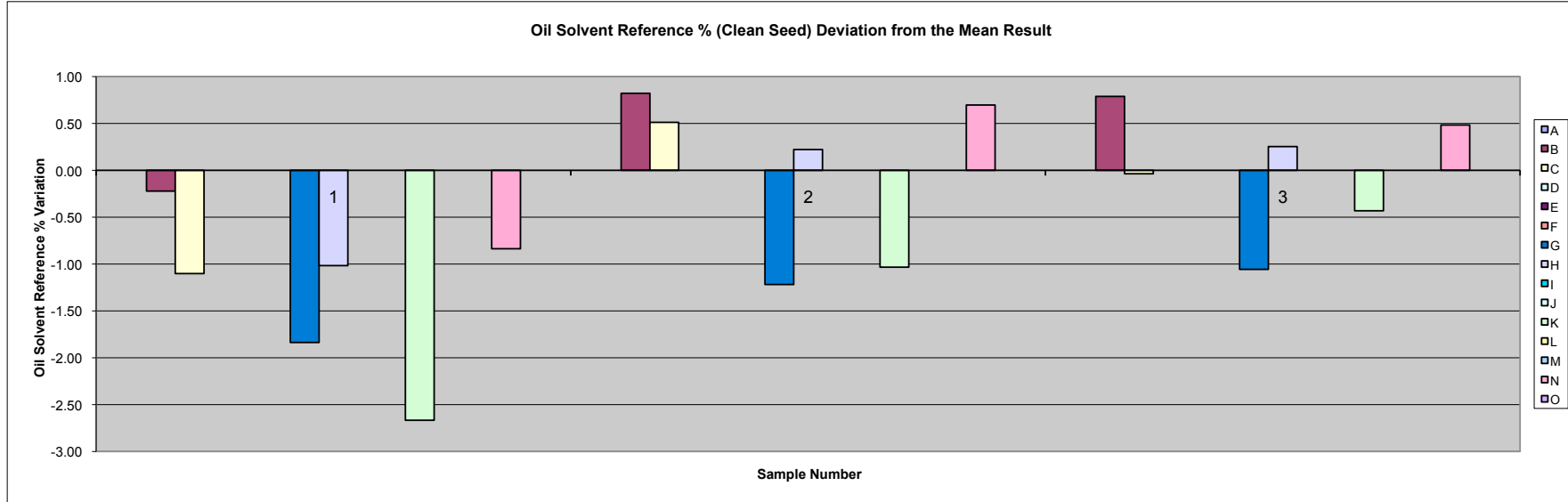
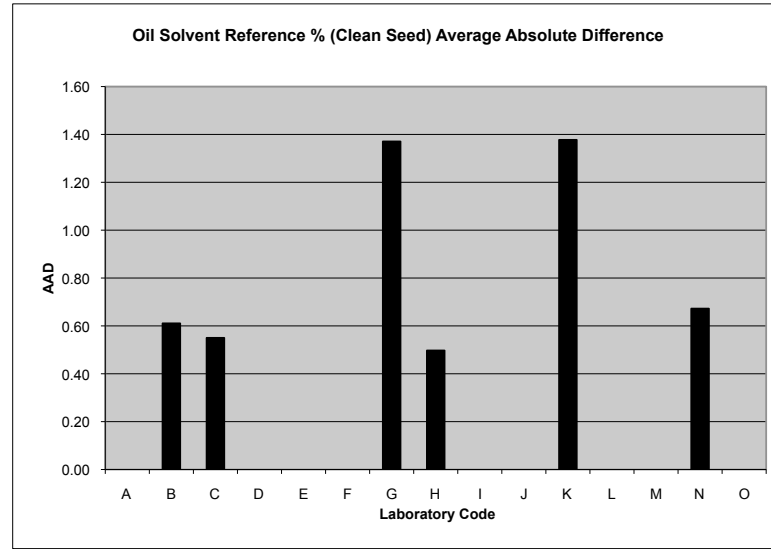
**2011 AOF Test Check Program
Round 8 Summary - August**

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	40.46	-0.61	44.04	0.49	47.37	0.53	0.14	0.54
C								
D								
E								
F	40.00	-1.07	43.70	0.15	46.60	-0.24	-0.39	0.49
G	38.59	-2.48	41.96	-1.59	46.17	-0.67	-1.58	1.58
H								
I	39.90	-1.17	43.71	0.16	46.76	-0.09	-0.36	0.47
J								
K								
L	47.19	6.12						
M								
N	40.27	-0.80	44.34	0.79	47.32	0.48	0.16	0.69
O								
MEAN	41.07		43.55		46.84			0.75
STDEV	3.07		0.93		0.51			



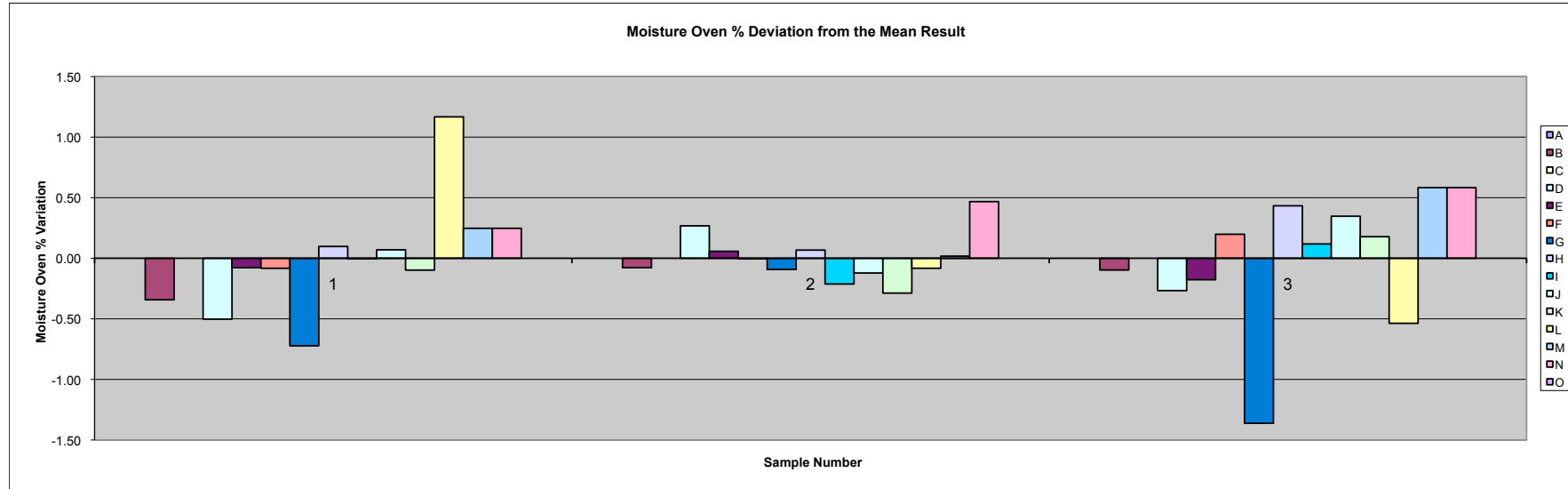
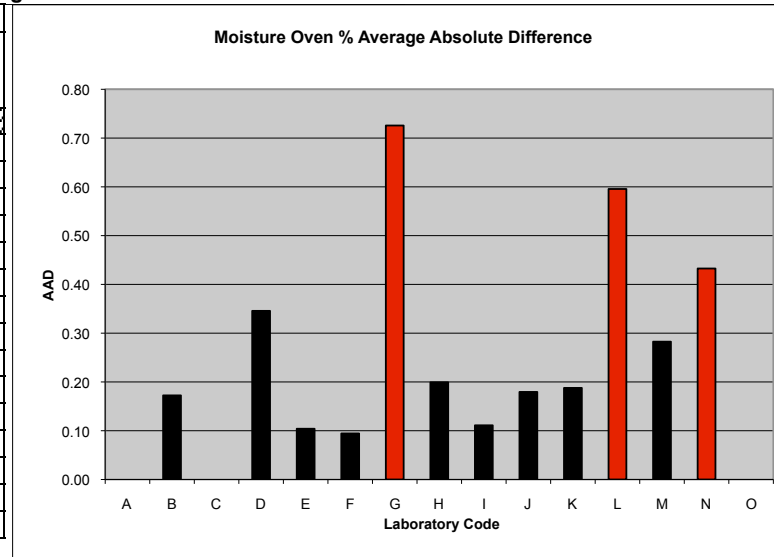
**2011 AOF Test Check Program
Round 8 Summary - August**

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	40.85	-0.22	44.30	0.82	47.49	0.79	0.46	0.61
C	39.97	-1.10	43.99	0.51	46.66	-0.04	-0.21	0.55
D								
E								
F								
G	39.23	-1.84	42.26	-1.22	45.64	-1.06	-1.37	1.37
H	40.05	-1.02	43.70	0.22	46.95	0.25	-0.18	0.50
I								
J								
K	38.40	-2.67	42.45	-1.03	46.27	-0.43	-1.38	1.38
L								
M								
N	40.23	-0.84	44.18	0.70	47.18	0.48	0.11	0.67
O								
MEAN	39.79		43.48		46.70			0.85
STDEV	0.85		0.90		0.67			



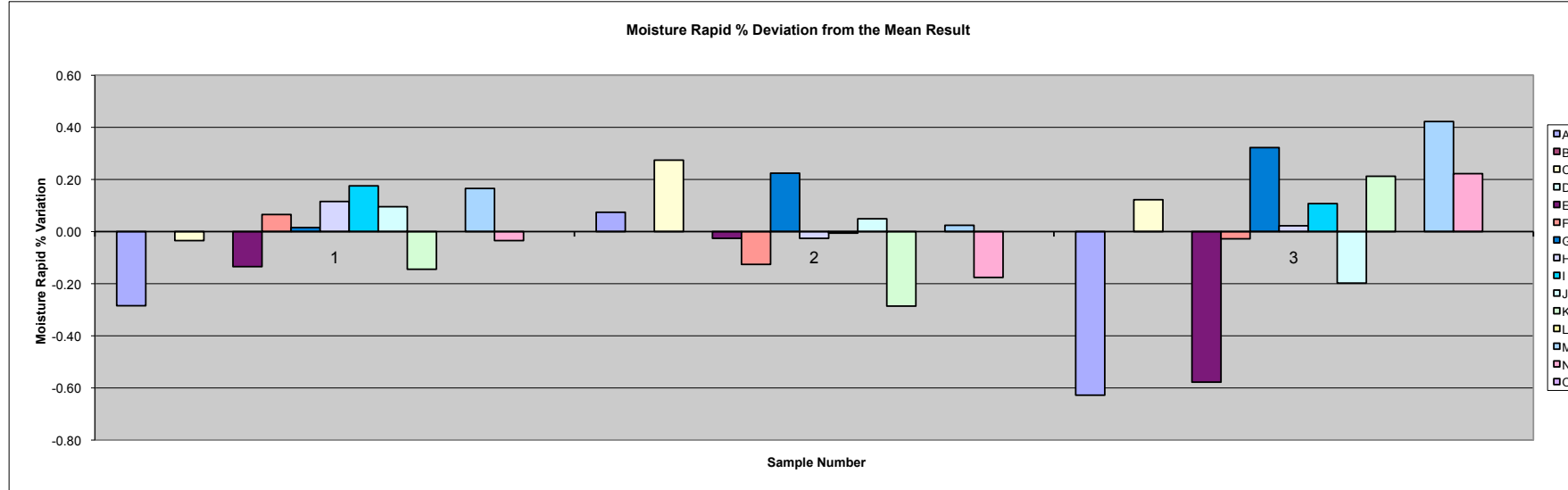
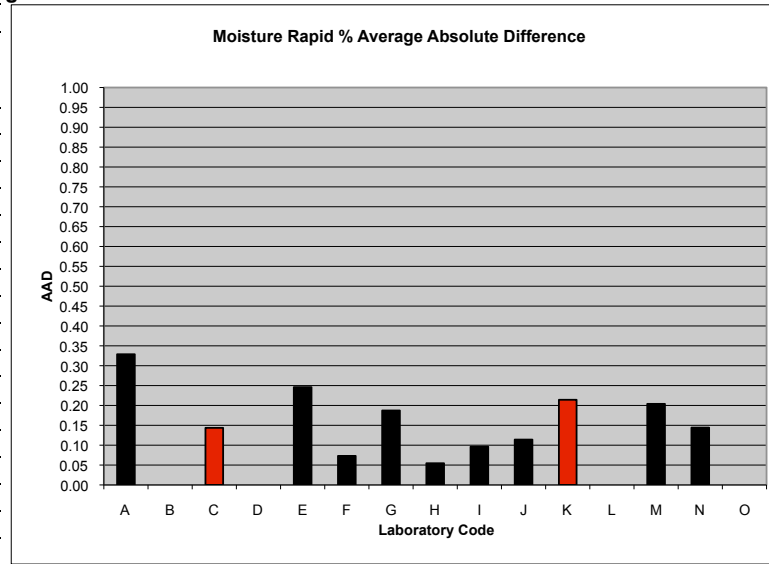
**2011 AOF Test Check Program
Round 8 Summary - August**

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	5.91	-0.34	5.91	-0.08	6.82	-0.10	-0.17	0.17
C								
D	5.75	-0.50	6.25	0.27	6.65	-0.27	-0.17	0.35
E	6.18	-0.08	6.04	0.06	6.74	-0.18	-0.07	0.10
F	6.17	-0.08	5.98	0.00	7.12	0.20	0.04	0.09
G	5.53	-0.72	5.89	-0.09	5.56	-1.36	-0.73	0.73
H	6.35	0.10	6.05	0.07	7.35	0.43	0.20	0.20
I	6.25	0.00	5.77	-0.21	7.04	0.12	-0.03	0.11
J	6.32	0.07	5.86	-0.12	7.26	0.35	0.10	0.18
K	6.16	-0.10	5.70	-0.29	7.10	0.18	-0.07	0.19
L	7.42	1.17	5.90	-0.08	6.38	-0.54	0.18	0.60
M	6.50	0.25	6.00	0.02	7.50	0.58	0.28	0.28
N	6.50	0.25	6.45	0.47	7.50	0.58	0.43	0.43
O								
MEAN	6.25		5.98		6.92			0.29
STDEV	0.47		0.21		0.55			



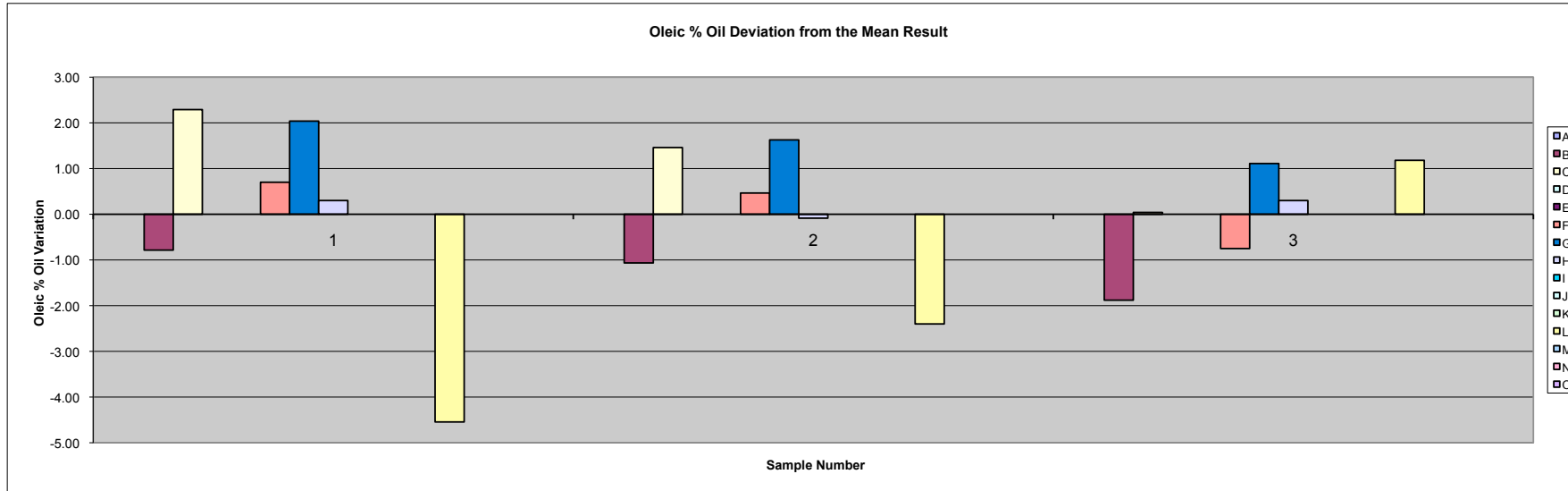
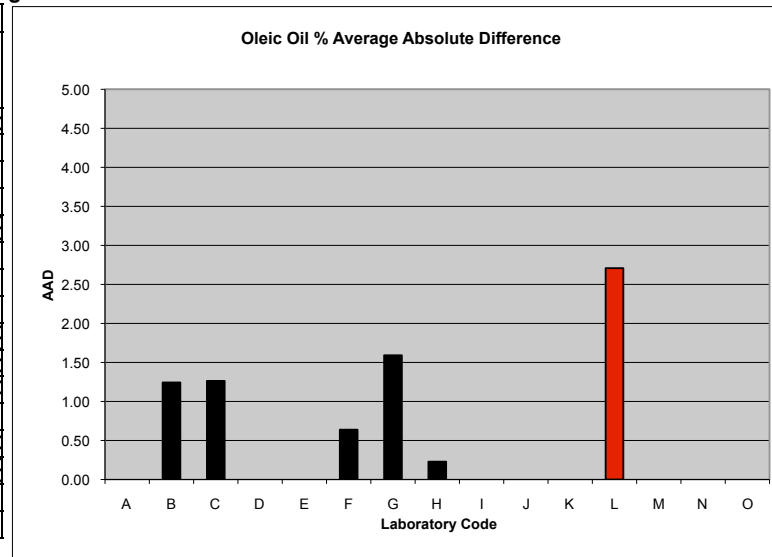
**2011 AOF Test Check Program
Round 8 Summary - August**

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	5.95	-0.28	6.00	0.07	6.55	-0.63	-0.28	0.33
B								
C	6.20	-0.03	6.20	0.27	7.30	0.12	0.12	0.14
D								
E	6.10	-0.13	5.90	-0.03	6.60	-0.58	-0.25	0.25
F	6.30	0.07	5.80	-0.13	7.15	-0.03	-0.03	0.07
G	6.25	0.02	6.15	0.22	7.50	0.32	0.19	0.19
H	6.35	0.12	5.90	-0.03	7.20	0.02	0.04	0.05
I	6.41	0.18	5.92	-0.01	7.29	0.11	0.09	0.10
J	6.33	0.10	5.98	0.05	6.98	-0.20	-0.02	0.11
K	6.09	-0.14	5.64	-0.29	7.39	0.21	-0.07	0.21
L								
M	6.40	0.17	5.95	0.02	7.60	0.42	0.20	0.20
N	6.20	-0.03	5.75	-0.18	7.40	0.22	0.00	0.14
O								
MEAN	6.23		5.93		7.18			0.16
STDEV	0.14		0.16		0.34			



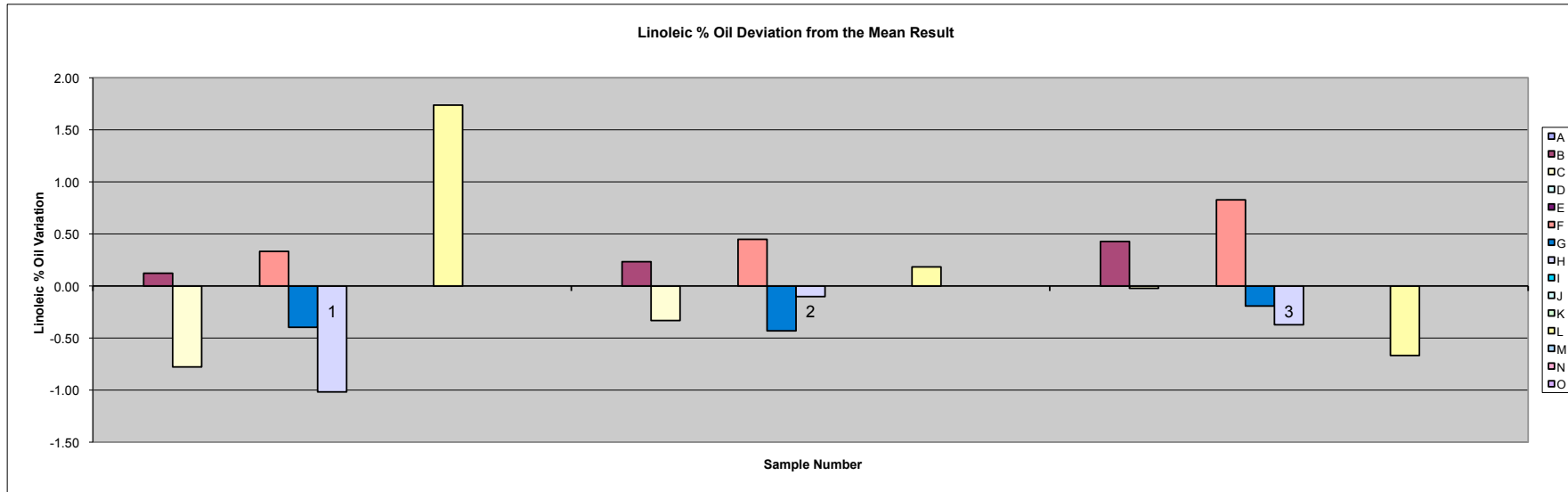
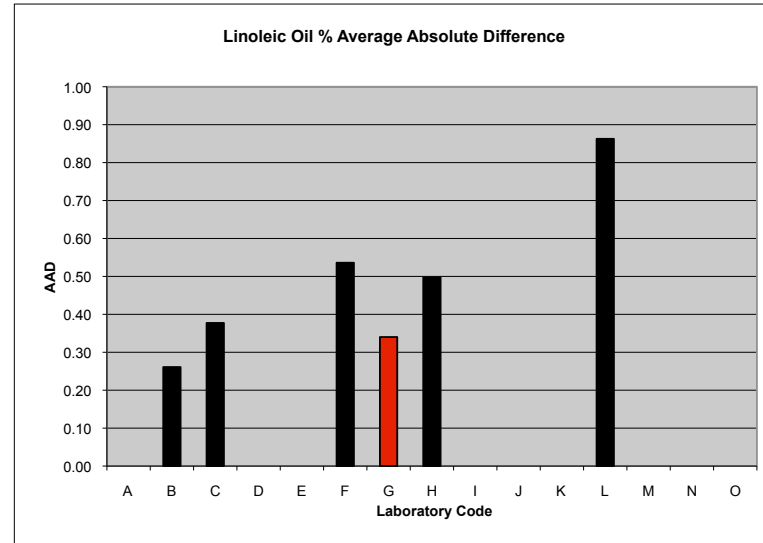
**2011 AOF Test Check Program
Round 8 Summary - August**

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	62.27	-0.78	64.32	-1.07	59.02	-1.88	-1.24	1.24
C	65.34	2.29	66.85	1.46	60.94	0.04	1.26	1.26
D								
E								
F	63.75	0.70	65.85	0.46	60.15	-0.75	0.14	0.64
G	65.09	2.04	67.01	1.63	62.01	1.11	1.59	1.59
H	63.35	0.30	65.30	-0.09	61.20	0.30	0.17	0.23
I								
J								
K								
L	58.51	-4.54	62.99	-2.40	62.08	1.18	-1.92	2.71
M								
N								
O								
MEAN	63.05		65.39		60.90			1.28
STDEV	2.50		1.54		1.17			



**2011 AOF Test Check Program
Round 8 Summary - August**

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	18.94	0.12	17.79	0.23	20.25	0.43	0.26	0.26
C	18.04	-0.78	17.22	-0.33	19.80	-0.02	-0.38	0.38
D								
E								
F	19.15	0.33	18.00	0.45	20.65	0.83	0.54	0.54
G	18.42	-0.40	17.12	-0.43	19.63	-0.19	-0.34	0.34
H	17.80	-1.02	17.45	-0.10	19.45	-0.37	-0.50	0.50
I								
J								
K								
L	20.56	1.74	17.74	0.18	19.16	-0.67	0.42	0.86
M								
N								
O								
MEAN	18.82		17.55		19.82			0.48
STDEV	0.99		0.34		0.55			



**2011 AOF Test Check Program
Round 8 Summary - August**

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	0.37	-0.21	0.13	-0.12	0.32	-0.18	-0.17	0.17
C	0.55	-0.04	0.15	-0.10	0.23	-0.27	-0.13	0.13
D								
E	1.08	0.50	0.39	0.14	0.78	0.28	0.31	0.31
F	0.67	0.09	0.19	-0.05	0.72	0.22	0.09	0.12
G	0.57	-0.01	0.52	0.27	0.56	0.06	0.11	0.12
H	0.39	-0.19	0.12	-0.12	0.36	-0.14	-0.15	0.15
I								
J								
K	0.54	-0.04	0.24	0.00	0.47	-0.03	-0.02	0.02
L	0.49	-0.10	0.21	-0.04	0.55	0.05	-0.03	0.06
M								
N								
O								
MEAN	0.58		0.24		0.50			0.14
STDEV	0.22		0.14		0.19			

