



09/10 AOF Test Check Program Monthly Report
 Round 4
 March 2010
 01/03/2010 - 31/03/2010

Result Receival Dates

Lab Code	Date
A	05-Mar-10
E	10-Mar-10
D	15-Mar-10
N	16-Mar-10
K	23-Mar-10
M	23-Mar-10
G	24-Mar-10
J	29-Mar-10
C	30-Mar-10
H	30-Mar-10
I	30-Mar-10
B	31-Mar-10
O	31-Mar-10
F	09-Apr-10
L	No results

Discussion of Results

Test Weight

No outliers were submitted in this round of testing.

Impurities

Lab C produced an outlier for sample 3 recording a mean difference of 3.53 and the highest average absolute difference of 1.27. Lab J generated the second highest average absolute difference of 0.69. Lab F produced the most consistent results generating an average absolute difference of 0.05.

Oil Rapid

As in previous report, the results submitted by lab A were significantly lower than the mean. Lab A generated outliers for all three samples, recording an average absolute difference of 2.59.

Oil Solvent

Lab G submitted a result for sample 1 only. The result produced by the lab was particularly low recording an outlier with a mean difference of -4.91.



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Oil Solvent (AOCS Method Am 2-93)

Lab G submitted an outlier for sample 1 recording a mean difference of -2.93.

Oil SFE

No labs submitted results for Oil SFE this round.

Moisture Oven

Seven labs submitted very accurate results within +/-0.04 from the mean for sample 3 this round. As a result the six remaining labs generated outliers for the same sample even if some of them produced fairly accurate results.

Moisture Rapid

No outliers were submitted for Moisture Rapid this round.
Lab A generated the highest average absolute difference of 0.40.

Oleic Oil

No outliers were submitted for Oleic Oil this round.

Linoleic Oil

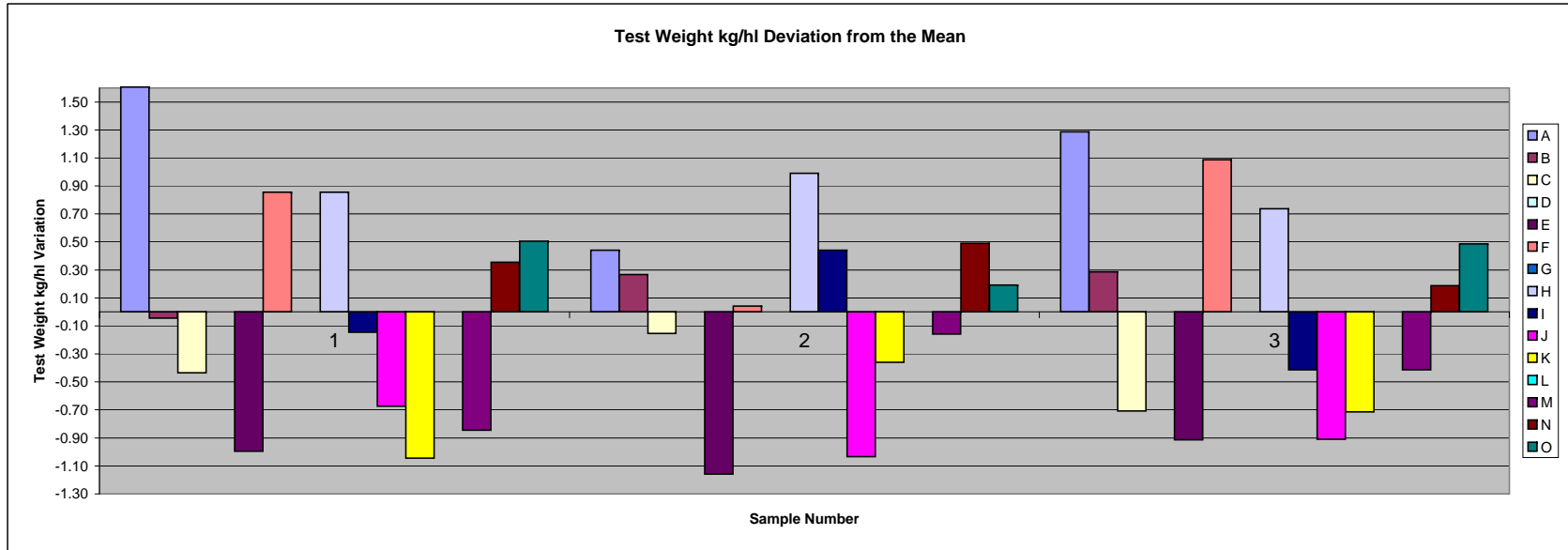
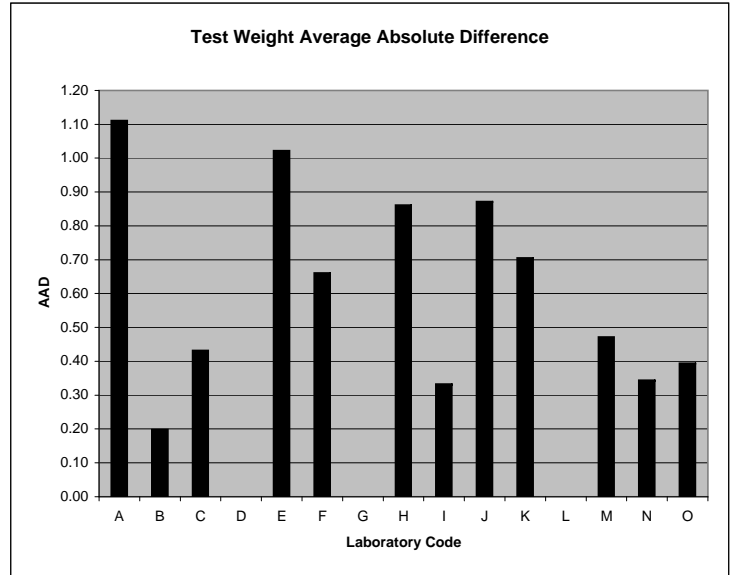
No outliers were submitted for Linoleic Oil this round.

Free Fatty Acid

Lab F created an outlier for sample 1 and generated the highest average absolute difference of 0.43. Good results were achieved by the other participating labs.

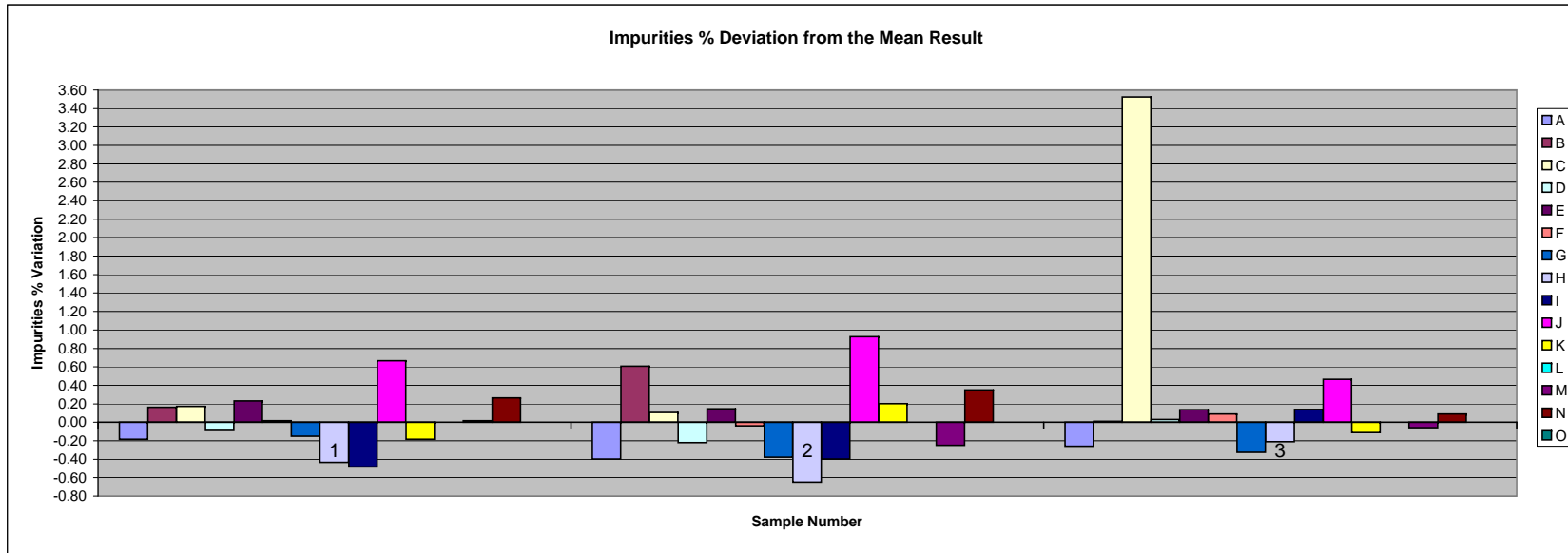
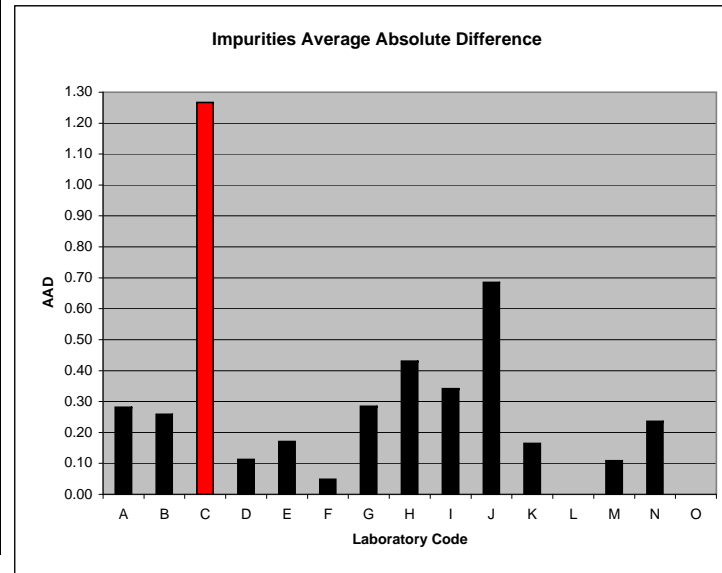
**2009/2010 AOF Test Check Program
Round 4 Summary - March**

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	68.40	1.61	66.30	0.44	66.50	1.29	1.11	1.11
B	66.75	-0.04	66.13	0.27	65.50	0.29	0.17	0.20
C	66.36	-0.43	65.71	-0.15	64.51	-0.71	-0.43	0.43
D								
E	65.80	-0.99	64.70	-1.16	64.30	-0.91	-1.02	1.02
F	67.65	0.86	65.90	0.04	66.30	1.09	0.66	0.66
G								
H	67.65	0.86	66.85	0.99	65.95	0.74	0.86	0.86
I	66.65	-0.14	66.30	0.44	64.80	-0.41	-0.04	0.33
J	66.12	-0.67	64.83	-1.03	64.31	-0.91	-0.87	0.87
K	65.75	-1.04	65.50	-0.36	64.50	-0.71	-0.71	0.71
L								
M	65.95	-0.84	65.70	-0.16	64.80	-0.41	-0.47	0.47
N	67.15	0.36	66.35	0.49	65.40	0.19	0.34	0.34
O	67.30	0.51	66.05	0.19	65.70	0.49	0.39	0.39
MEAN	66.79		65.86		65.21			0.62
STDEV	0.85		0.63		0.78			



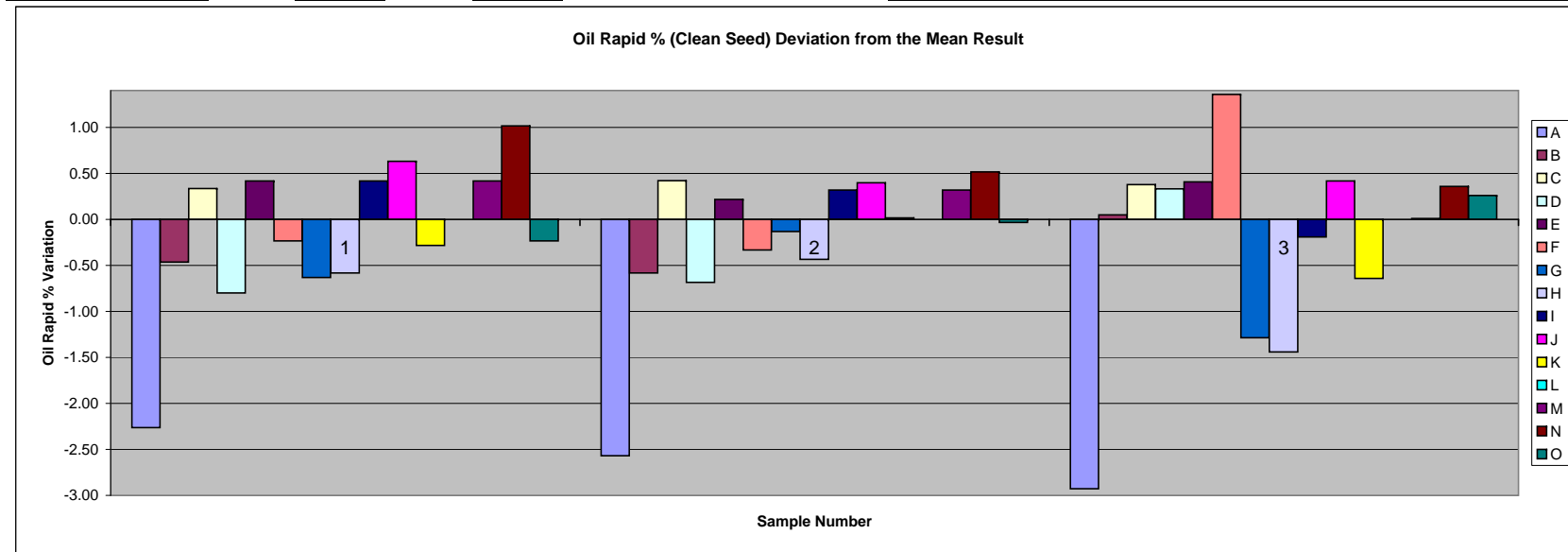
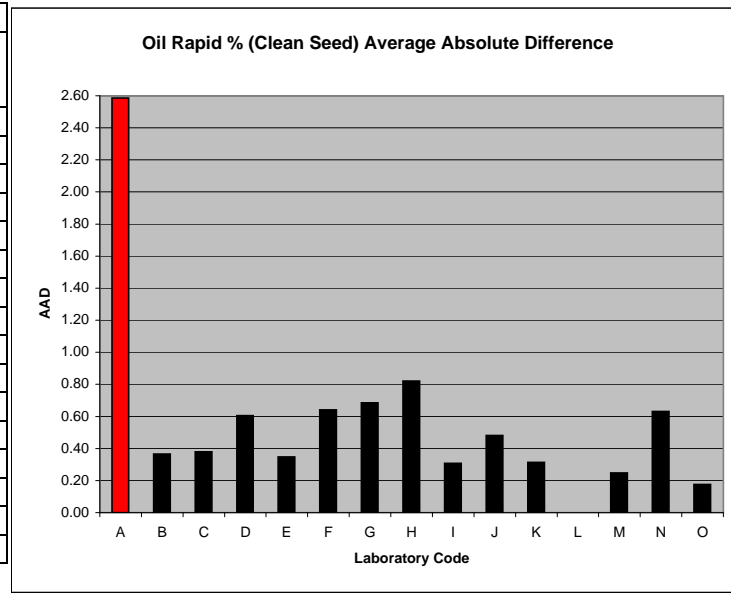
**2009/2010 AOF Test Check Program
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Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.65	-0.18	0.85	-0.40	0.60	-0.26	-0.28	0.28
B	1.00	0.16	1.86	0.61	0.87	0.01	0.26	0.26
C	1.01	0.17	1.36	0.11	4.39	3.53	1.27	1.27
D	0.75	-0.09	1.03	-0.22	0.89	0.03	-0.09	0.11
E	1.07	0.23	1.40	0.15	1.00	0.14	0.17	0.17
F	0.85	0.02	1.21	-0.04	0.95	0.09	0.02	0.05
G	0.69	-0.15	0.87	-0.38	0.54	-0.32	-0.28	0.28
H	0.40	-0.43	0.60	-0.65	0.65	-0.21	-0.43	0.43
I	0.35	-0.48	0.85	-0.40	1.00	0.14	-0.25	0.34
J	1.50	0.67	2.18	0.93	1.33	0.47	0.69	0.69
K	0.65	-0.18	1.45	0.20	0.75	-0.11	-0.03	0.16
L								
M	0.85	0.02	1.00	-0.25	0.80	-0.06	-0.10	0.11
N	1.10	0.27	1.60	0.35	0.95	0.09	0.24	0.24
O								
MEAN	0.83		1.25		0.86			0.34
STDEV	0.31		0.45		0.21			



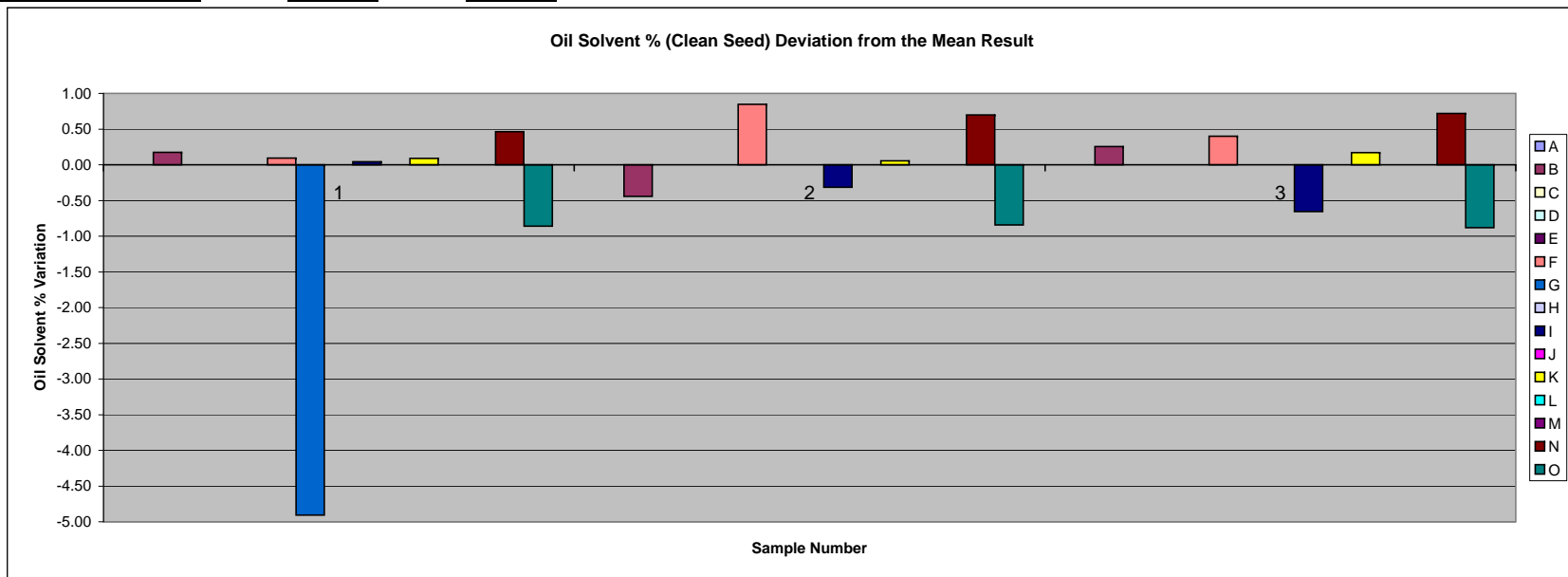
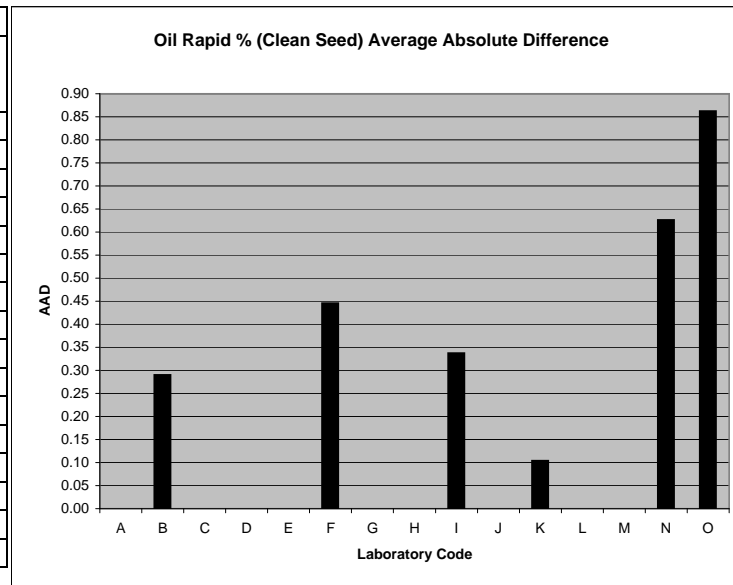
**2009/2010 AOF Test Check Program
Round 4 Summary - March**

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	42.12	-2.26	38.82	-2.57	44.32	-2.93	-2.59	2.59
B	43.92	-0.46	40.80	-0.58	47.29	0.05	-0.33	0.36
C	44.72	0.34	41.81	0.42	47.62	0.38	0.38	0.38
D	43.59	-0.80	40.70	-0.68	47.58	0.33	-0.38	0.60
E	44.80	0.42	41.60	0.22	47.65	0.41	0.35	0.35
F	44.15	-0.23	41.05	-0.33	48.60	1.36	0.26	0.64
G	43.75	-0.63	41.25	-0.13	45.96	-1.29	-0.68	0.68
H	43.80	-0.58	40.95	-0.43	45.80	-1.44	-0.82	0.82
I	44.80	0.42	41.70	0.32	47.05	-0.19	0.18	0.31
J	45.02	0.63	41.78	0.40	47.66	0.42	0.48	0.48
K	44.10	-0.28	41.40	0.02	46.60	-0.64	-0.30	0.31
L								
M	44.80	0.42	41.70	0.32	47.25	0.01	0.25	0.25
N	45.40	1.02	41.90	0.52	47.60	0.36	0.63	0.63
O	44.15	-0.23	41.35	-0.03	47.50	0.26	0.00	0.17
MEAN	44.38		41.38		47.24			0.61
STDEV	0.57		0.41		0.75			



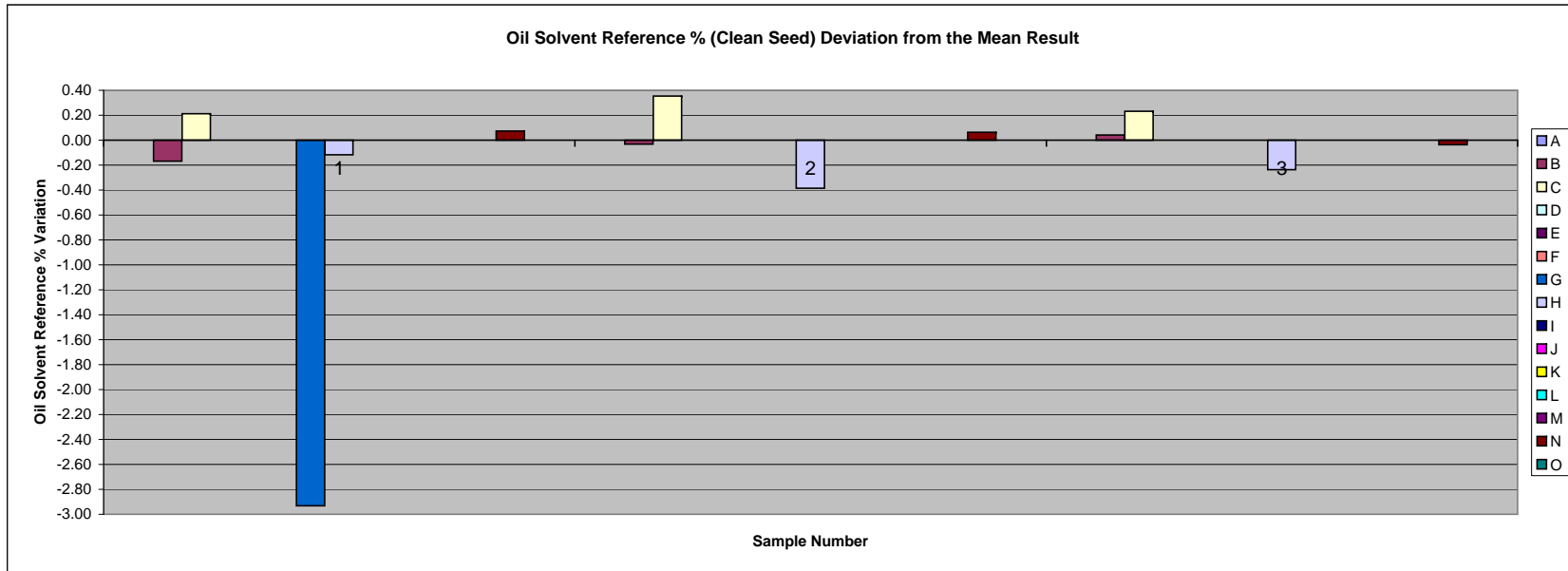
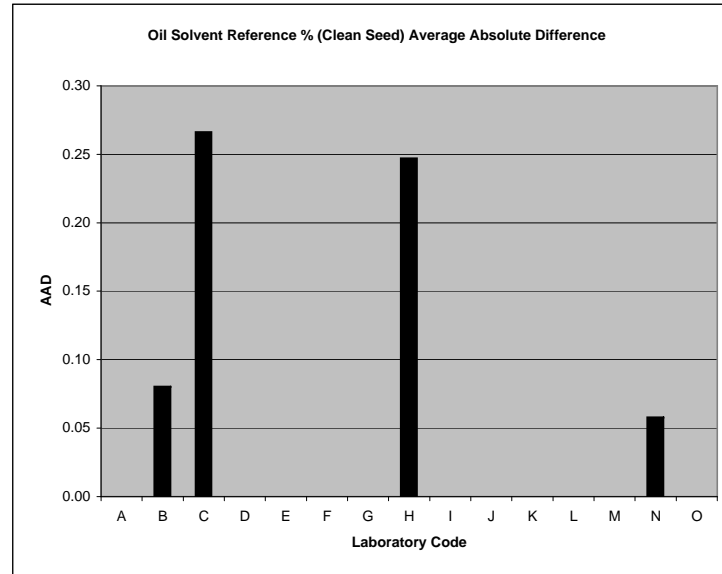
**2009/2010 AOF Test Check Program
Round 4 Summary - March**

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	44.69	0.17	41.00	-0.44	47.74	0.25	-0.01	0.29
C								
D								
E								
F	44.61	0.09	42.29	0.85	47.88	0.40	0.45	0.45
G	39.61	-4.91						
H								
I	44.56	0.04	41.13	-0.31	46.83	-0.66	-0.31	0.34
J								
K	44.60	0.09	41.50	0.06	47.65	0.17	0.10	0.10
L								
M								
N	44.98	0.46	42.14	0.70	48.20	0.72	0.63	0.63
O	43.65	-0.86	40.60	-0.84	46.60	-0.88	-0.86	0.86
MEAN	44.51		41.44		47.48			0.44
STDEV	0.45		0.67		0.63			



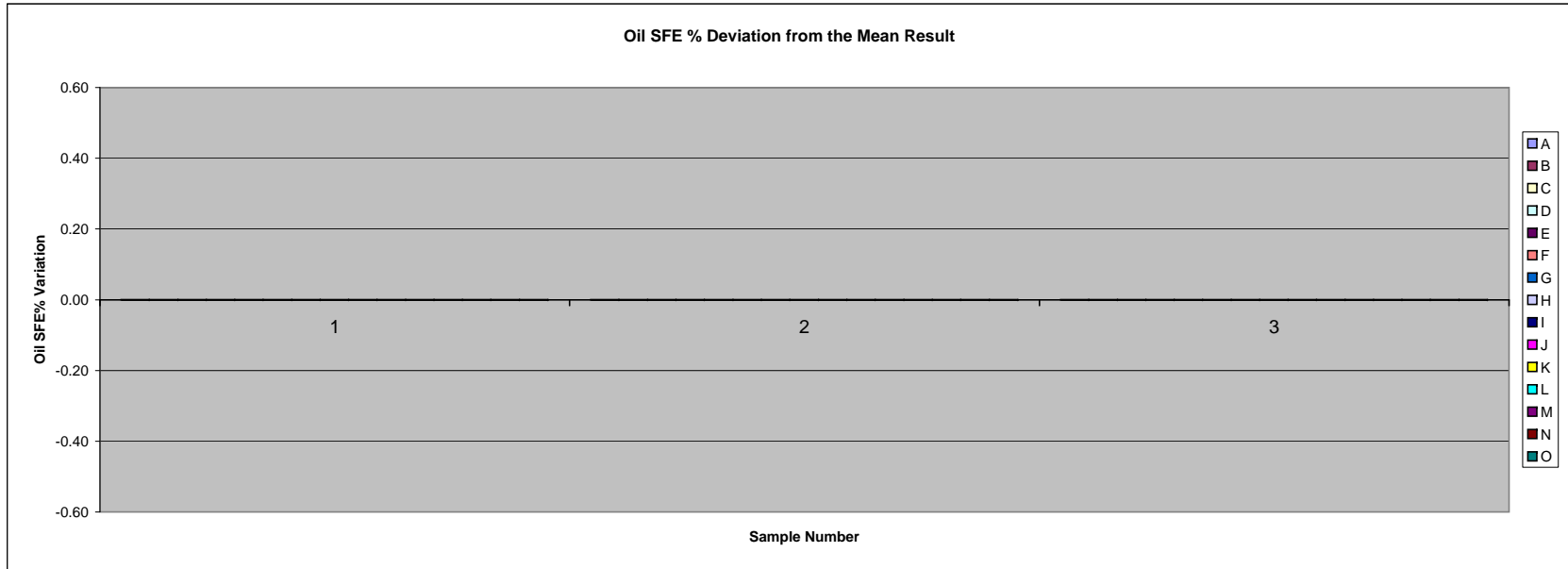
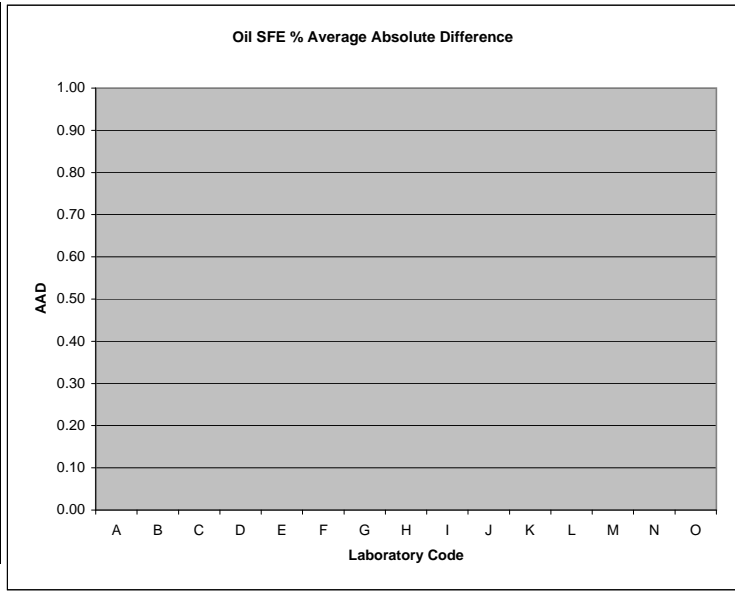
**2009/2010 AOF Test Check Program
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Oil Solvent Reference % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	44.80	-0.17	41.86	-0.03	47.98	0.04	-0.05	0.08
C	45.18	0.21	42.24	0.35	48.17	0.23	0.27	0.27
D								
E								
F								
G	42.04	-2.93						
H	44.85	-0.12	41.50	-0.39	47.70	-0.24	-0.25	0.25
I								
J								
K								
L								
M								
N	45.04	0.07	41.95	0.06	47.90	-0.04	0.03	0.06
O								
MEAN	44.97		41.89		47.94			0.16
STDEV	0.18		0.31		0.19			



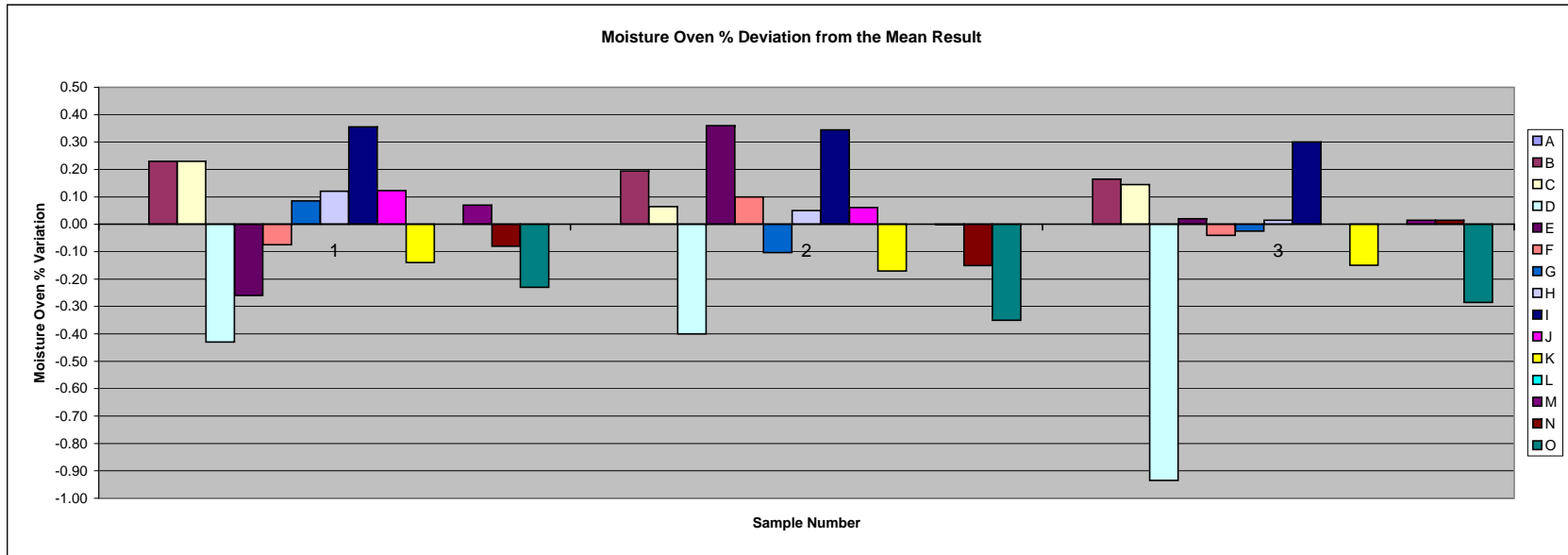
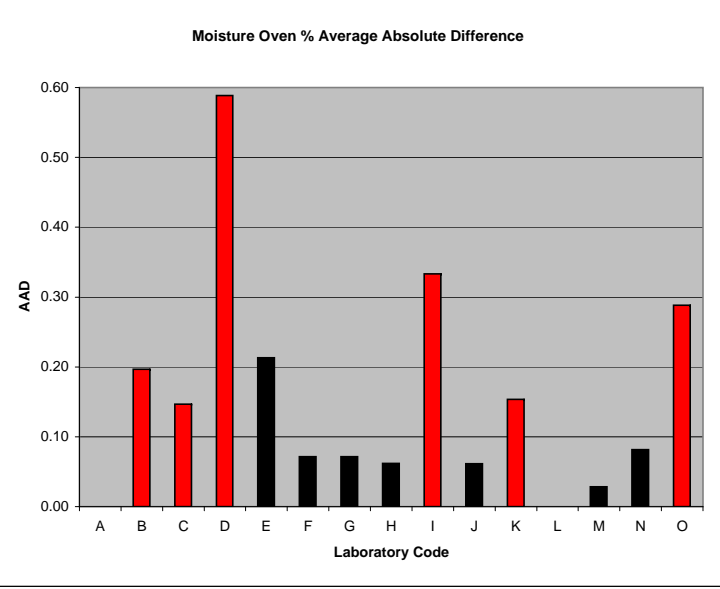
**2009/2010 AOF Test Check Program
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Oil SFE% Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C								
D								
E								
F								
G								
H								
I								
J								
K								
L								
M								
N								
O								
MEAN	#DIV/0!		#DIV/0!		#DIV/0!			#DIV/0!
STDEV	#DIV/0!		#DIV/0!		#DIV/0!			#DIV/0!



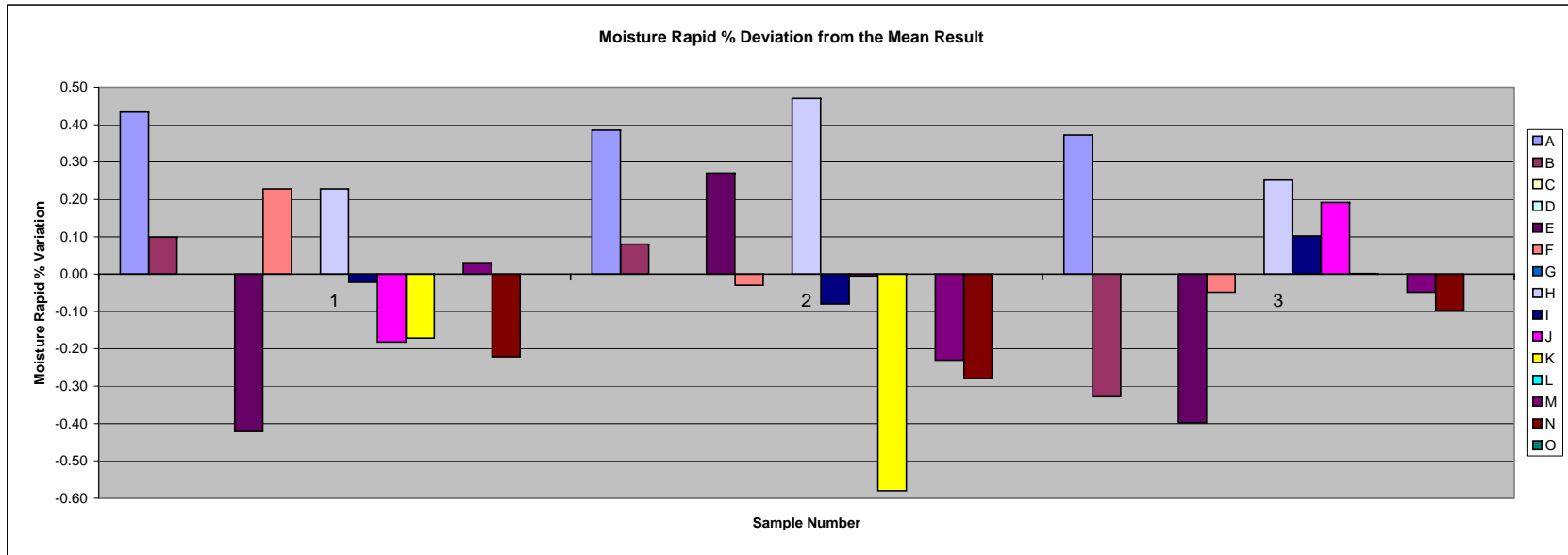
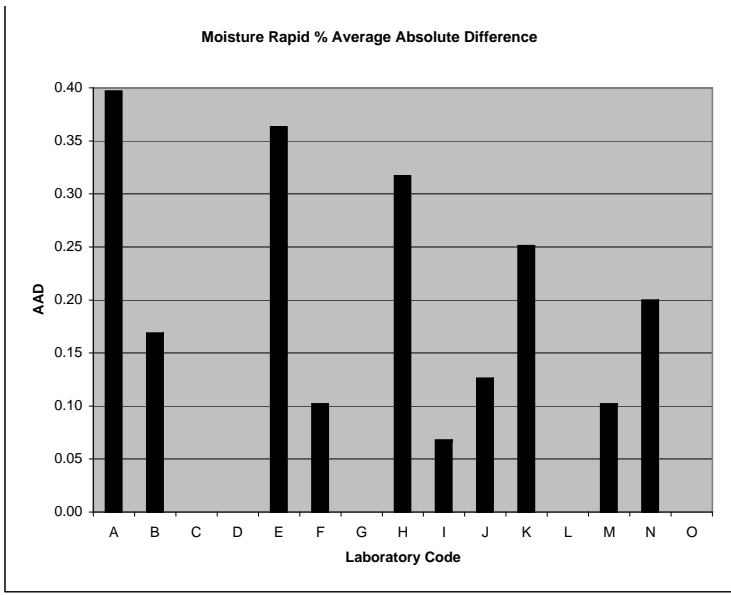
**2009/2010 AOF Test Check Program
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Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	6.16	0.23	5.00	0.19	5.75	0.17	0.20	0.20
C	6.16	0.23	4.87	0.06	5.73	0.15	0.15	0.15
D	5.50	-0.43	4.40	-0.40	4.65	-0.93	-0.59	0.59
E	5.67	-0.26	5.16	0.36	5.61	0.02	0.04	0.21
F	5.86	-0.07	4.90	0.10	5.55	-0.04	-0.01	0.07
G	6.02	0.09	4.70	-0.10	5.56	-0.03	-0.01	0.07
H	6.05	0.12	4.85	0.05	5.60	0.02	0.06	0.06
I	6.29	0.36	5.15	0.34	5.89	0.30	0.33	0.33
J	6.05	0.12	4.86	0.06	5.59	0.00	0.06	0.06
K	5.79	-0.14	4.63	-0.17	5.44	-0.15	-0.15	0.15
L								
M	6.00	0.07	4.80	0.00	5.60	0.02	0.03	0.03
N	5.85	-0.08	4.65	-0.15	5.60	0.02	-0.07	0.08
O	5.70	-0.23	4.45	-0.35	5.30	-0.28	-0.29	0.29
MEAN	5.93		4.80		5.58			0.18
STDEV	0.23		0.23		0.02			



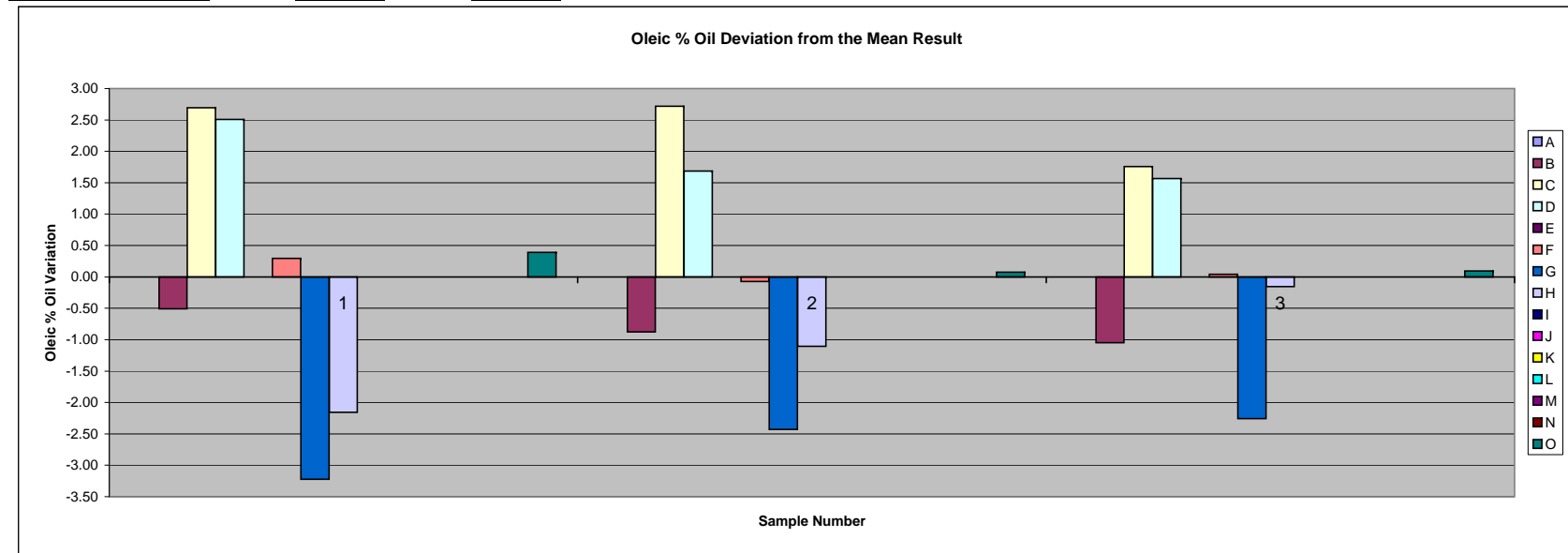
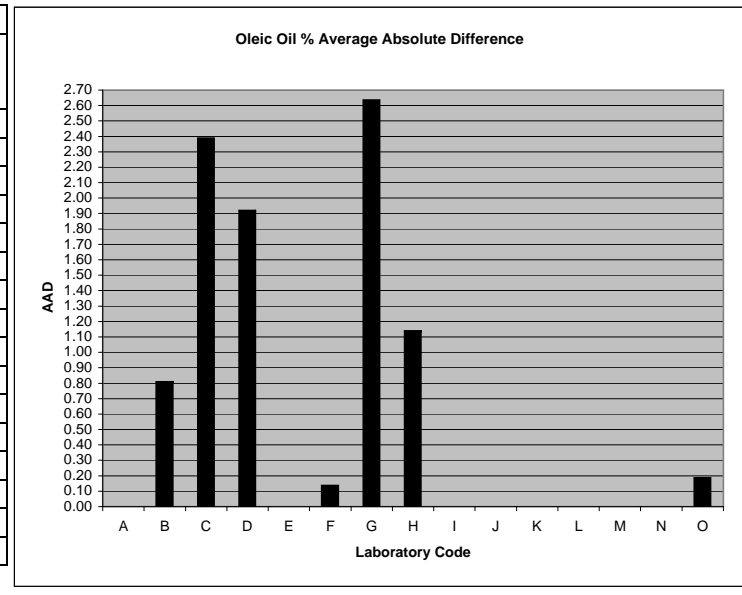
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Moisture Rapid % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	6.51	0.43	5.27	0.39	6.27	0.37	0.40	0.40
B	6.17	0.10	4.96	0.08	5.57	-0.33	-0.05	0.17
C								
D								
E	5.65	-0.42	5.15	0.27	5.50	-0.40	-0.18	0.36
F	6.30	0.23	4.85	-0.03	5.85	-0.05	0.05	0.10
G								
H	6.30	0.23	5.35	0.47	6.15	0.25	0.32	0.32
I	6.05	-0.02	4.80	-0.08	6.00	0.10	0.00	0.07
J	5.89	-0.18	4.88	0.00	6.09	0.19	0.00	0.13
K	5.90	-0.17	4.30	-0.58	5.90	0.00	-0.25	0.25
L								
M	6.10	0.03	4.65	-0.23	5.85	-0.05	-0.08	0.10
N	5.85	-0.22	4.60	-0.28	5.80	-0.10	-0.20	0.20
O								
MEAN	6.07		4.88		5.90			0.21
STDEV	0.26		0.32		0.24			



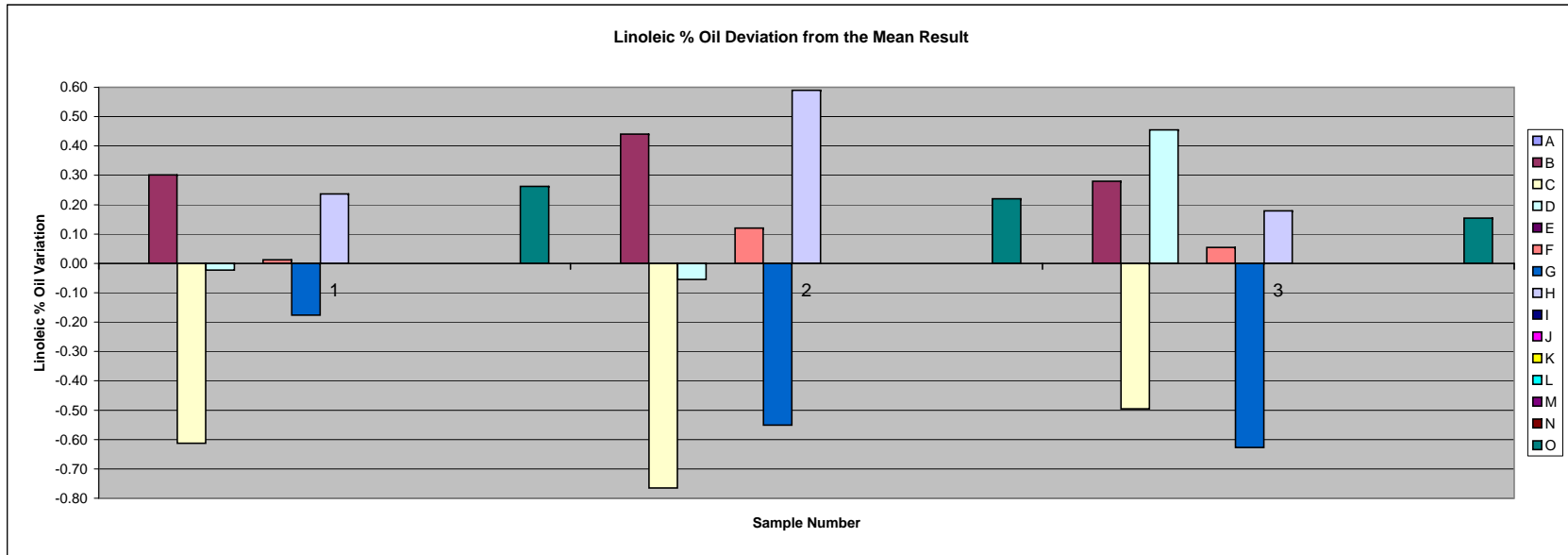
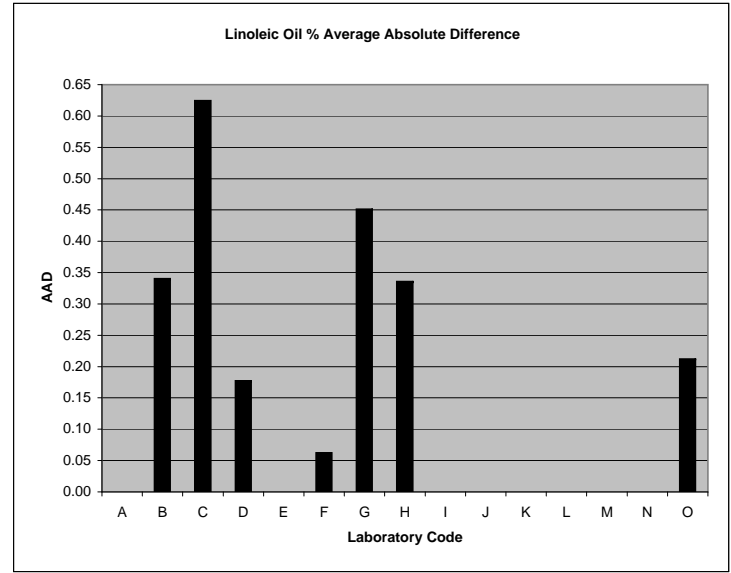
**2009/2010 AOF Test Check Program
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Oleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	59.95	-0.51	62.20	-0.87	57.01	-1.05	-0.81	0.81
C	63.15	2.69	65.79	2.72	59.82	1.76	2.39	2.39
D	62.97	2.51	64.76	1.69	59.63	1.57	1.92	1.92
E								
F	60.75	0.29	63.00	-0.07	58.10	0.04	0.09	0.14
G	57.24	-3.22	60.65	-2.43	55.80	-2.26	-2.64	2.64
H	58.30	-2.16	61.97	-1.10	57.90	-0.16	-1.14	1.14
I								
J								
K								
L								
M								
N								
O	60.85	0.39	63.15	0.08	58.15	0.09	0.19	0.19
MEAN	60.46		63.07		58.06			1.32
STDEV	2.20		1.74		1.40			



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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	19.89	0.30	19.22	0.44	22.18	0.28	0.34	0.34
C	18.98	-0.61	18.02	-0.76	21.40	-0.50	-0.62	0.62
D	19.57	-0.02	18.73	-0.05	22.35	0.45	0.13	0.18
E								
F	19.60	0.01	18.90	0.12	21.95	0.05	0.06	0.06
G	19.41	-0.18	18.23	-0.55	21.27	-0.63	-0.45	0.45
H	19.83	0.24	19.37	0.59	22.08	0.18	0.34	0.34
I								
J								
K								
L								
M								
N								
O	19.85	0.26	19.00	0.22	22.05	0.15	0.21	0.21
MEAN	19.59		18.78		21.90			0.31
STDEV	0.32		0.50		0.40			



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Free Fatty Acid % Oil Deviation from the Mean								
	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
Lab	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	0.18	-0.09	0.24	-0.26	0.13	-0.12	-0.16	0.16
C	0.19	-0.08	0.59	0.09	0.30	0.05	0.02	0.08
D	0.37	0.09	0.49	-0.01	0.21	-0.04	0.01	0.05
E	0.41	0.14	0.72	0.23	0.31	0.06	0.14	0.14
F	0.85	0.58	0.98	0.48	0.50	0.25	0.43	0.43
G	0.37	0.10	0.47	-0.03	0.23	-0.02	0.02	0.05
H	0.17	-0.10	0.19	-0.31	0.15	-0.10	-0.17	0.17
I								
J								
K	0.24	-0.04	0.31	-0.19	0.16	-0.09	-0.11	0.11
L								
M								
N								
O								
MEAN	0.27		0.50		0.25			0.15
STDEV	0.10		0.26		0.12			

