



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.



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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

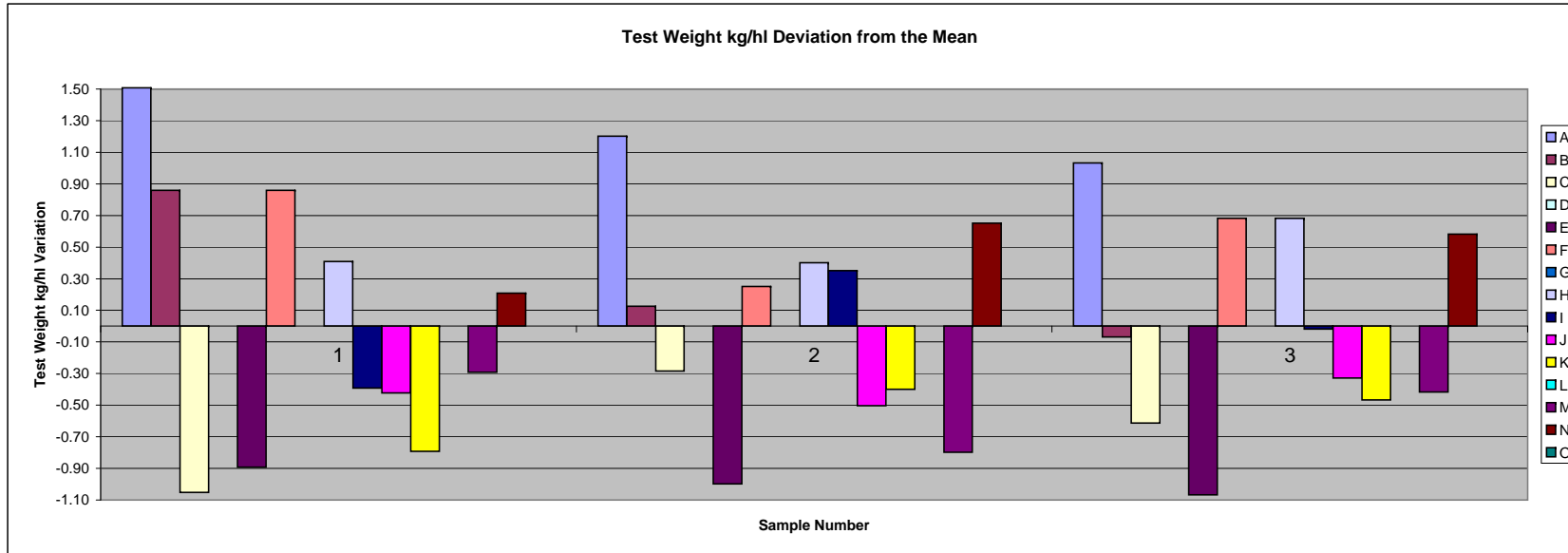
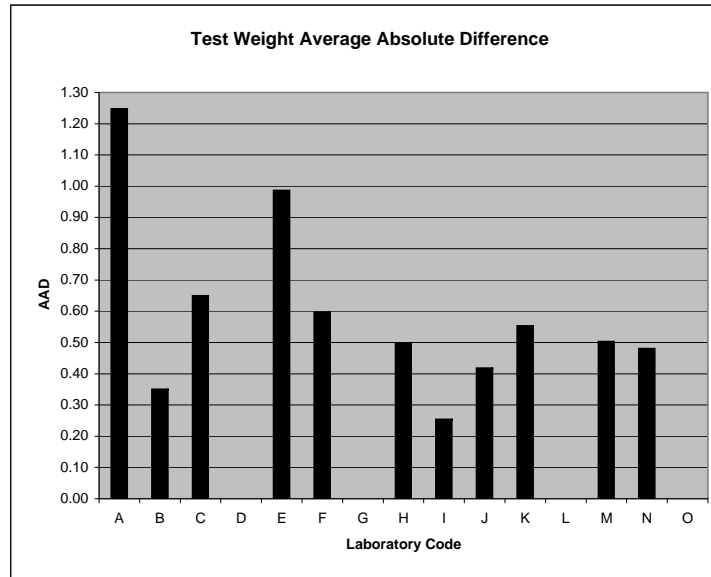
The result produced by lab D for sample 2 was significantly lower than the mean generating an outlier and the highest mean difference of -3.62.

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.

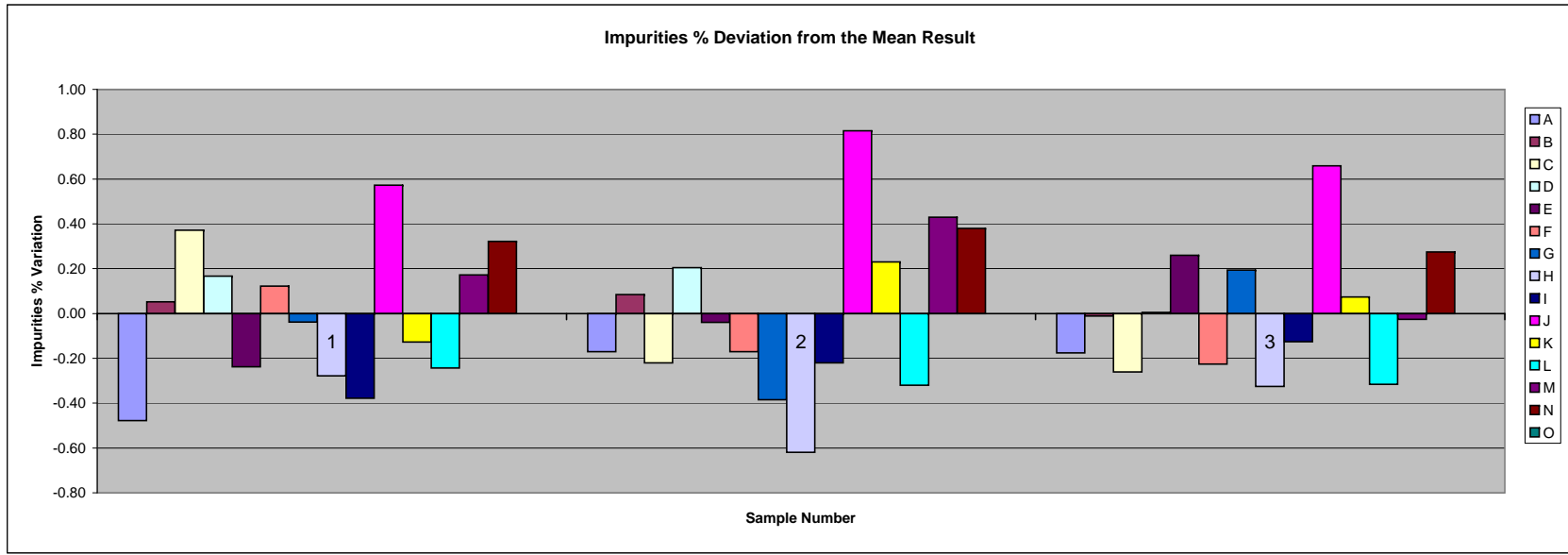
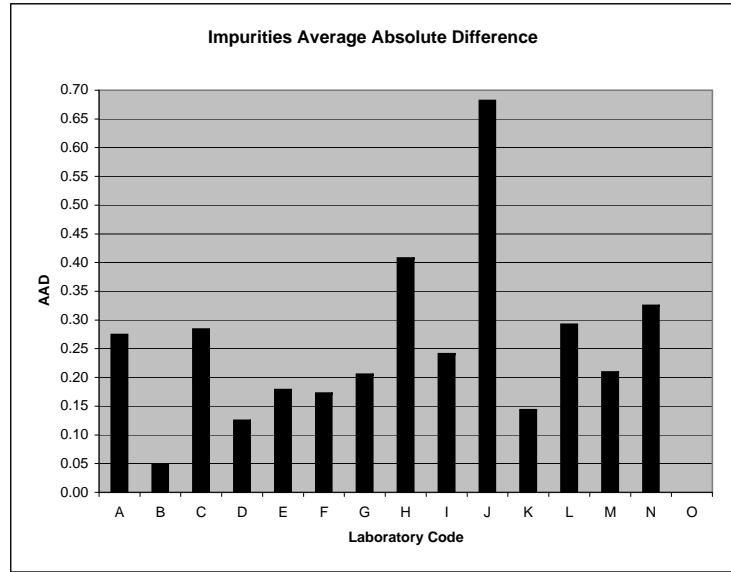
**2009/2010 AOF Test Check Program
Round 2 Summary - January**

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								
MEAN	67.89		66.50		68.57			0.59
STDEV	0.83		0.66		0.66			



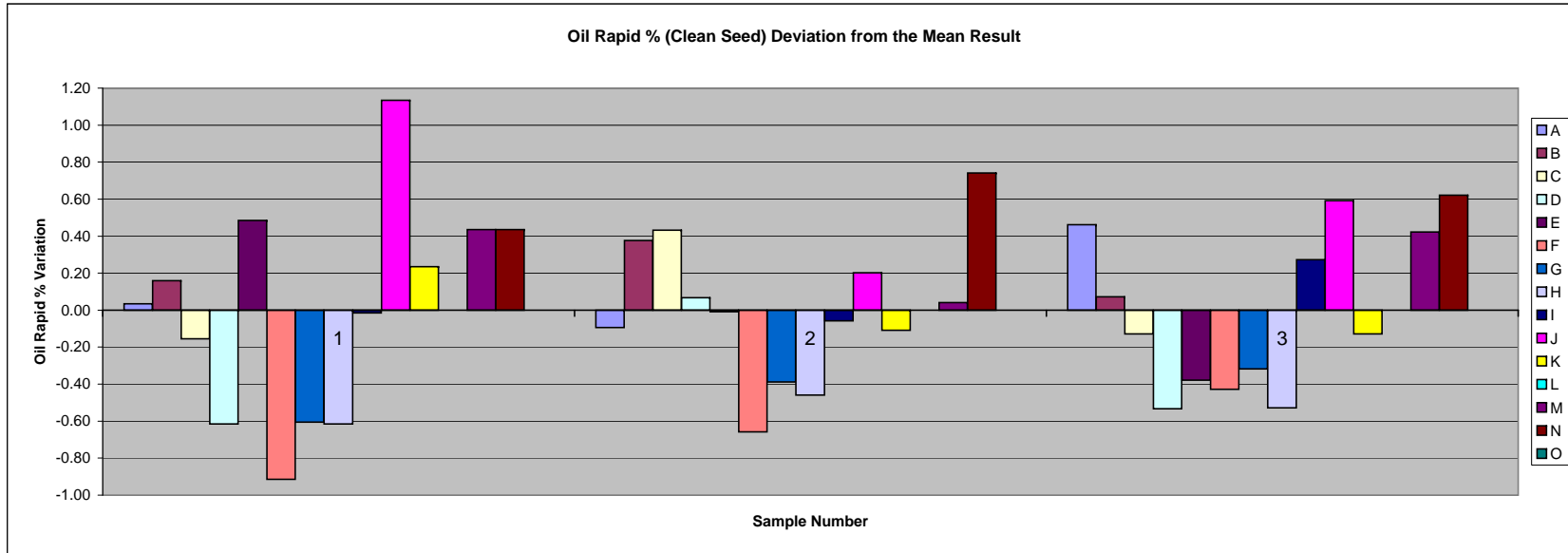
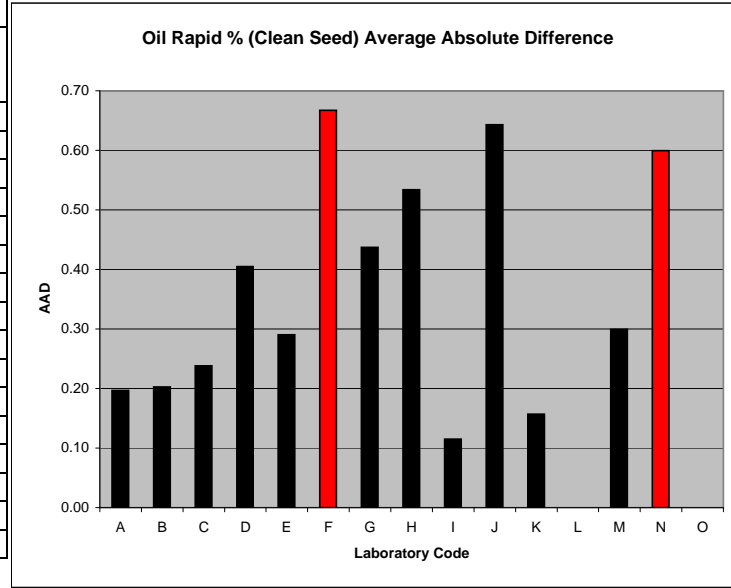
**2009/2010 AOF Test Check Program
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Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.95	-0.48	0.75	-0.17	1.10	-0.18	-0.27	0.27
B	1.48	0.05	1.01	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								
MEAN	1.43		0.92		1.28			0.26
STDEV	0.31		0.38		0.28			



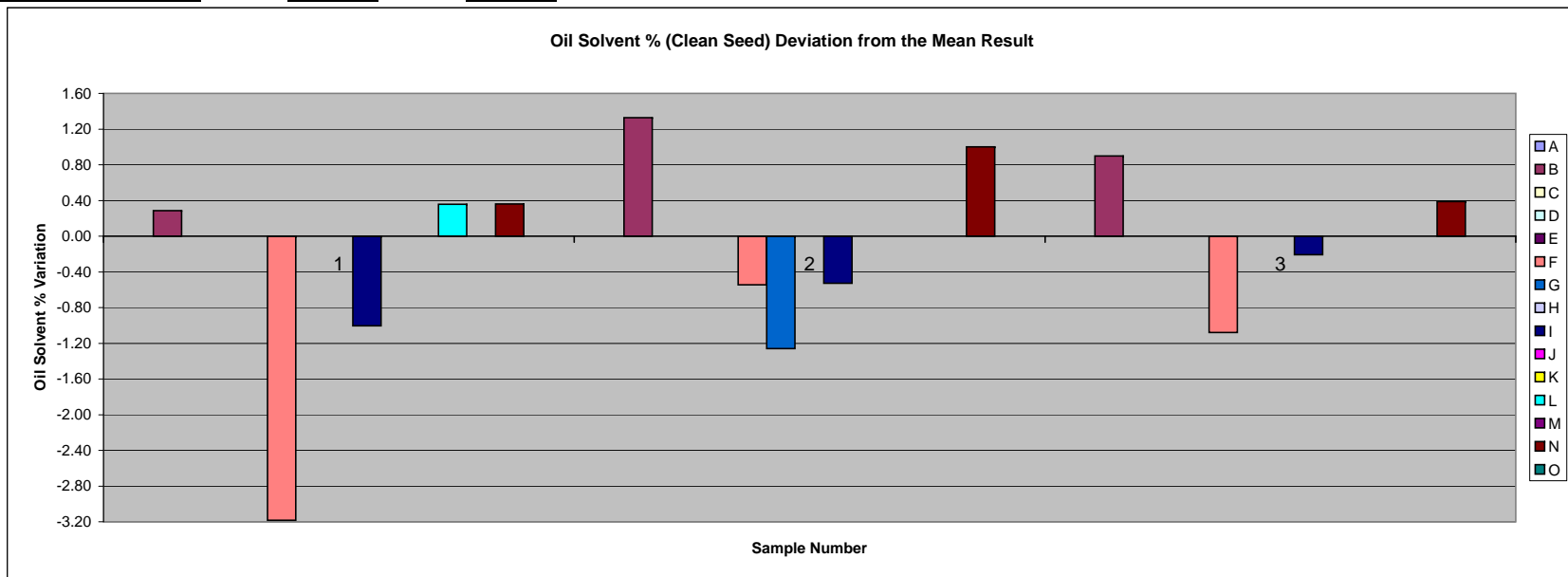
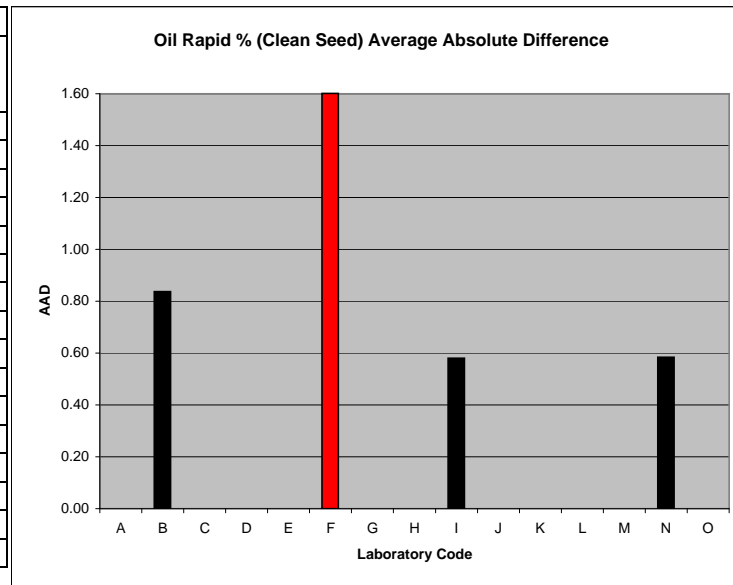
**2009/2010 AOF Test Check Program
Round 2 Summary - January**

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			



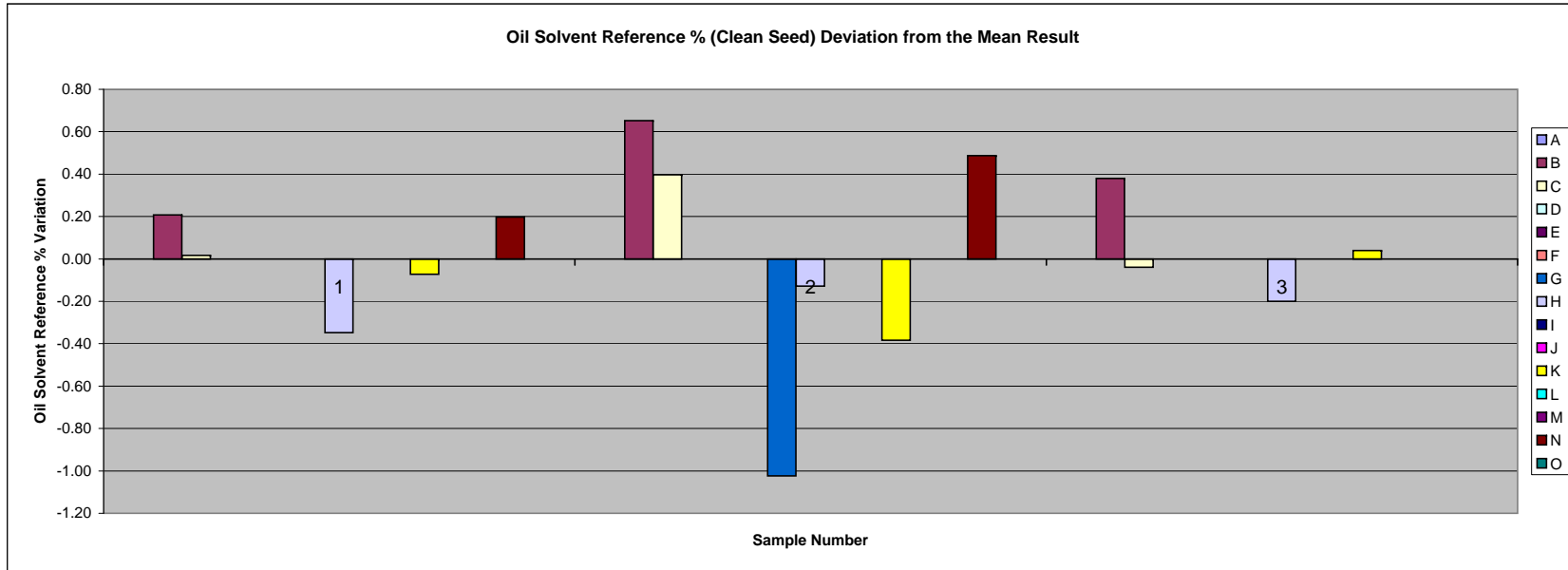
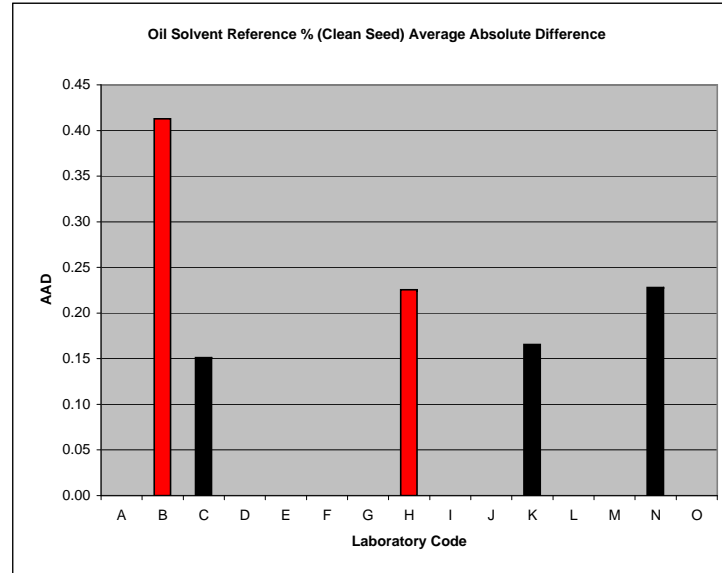
**2009/2010 AOF Test Check Program
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Oil Solvent % (Clean Seed) Deviation from the Mean								
	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
Lab	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	39.38	0.29	43.33	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								
MEAN	39.09		42.00		40.44			0.90
STDEV	0.67		1.11		0.85			



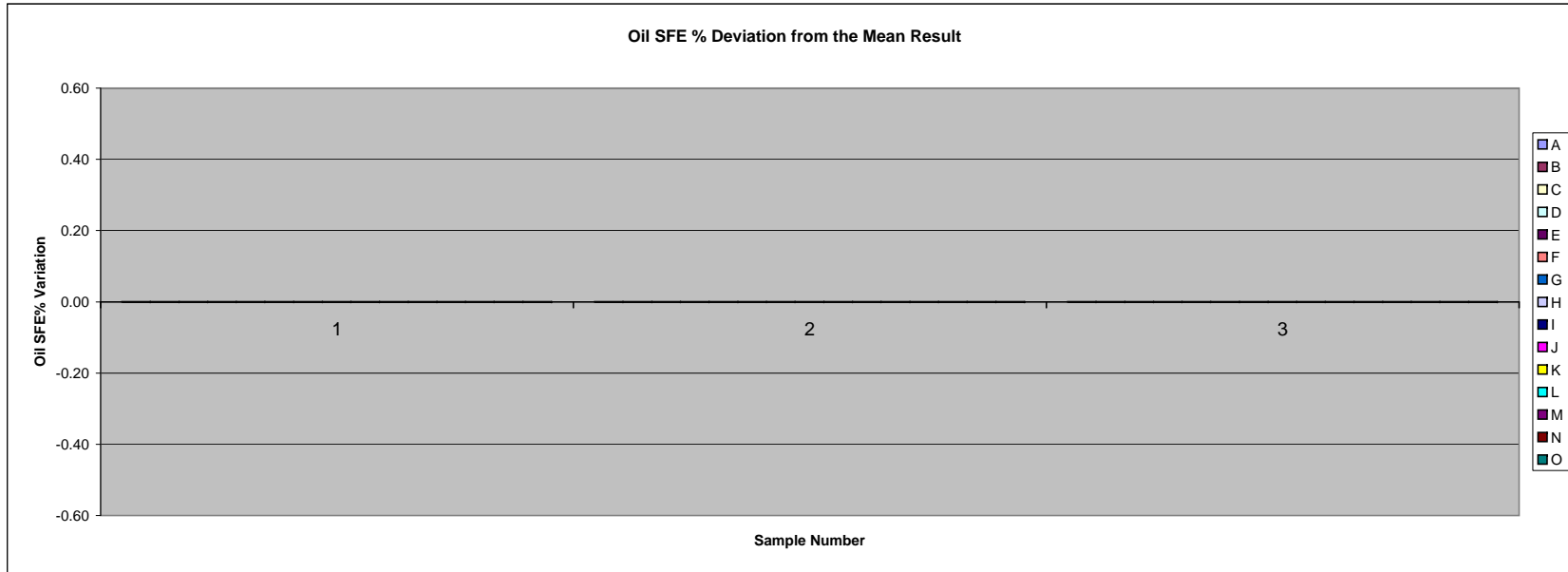
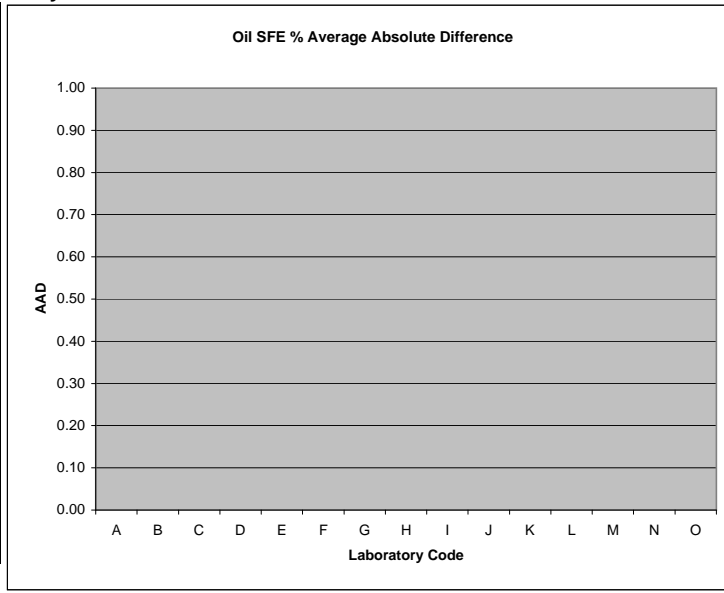
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Oil Solvent Reference % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	39.46	0.21	43.43	0.65	41.48	0.38	0.41	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								
MEAN	39.25		42.78		41.10			0.24
STDEV	0.23		0.64		0.04			



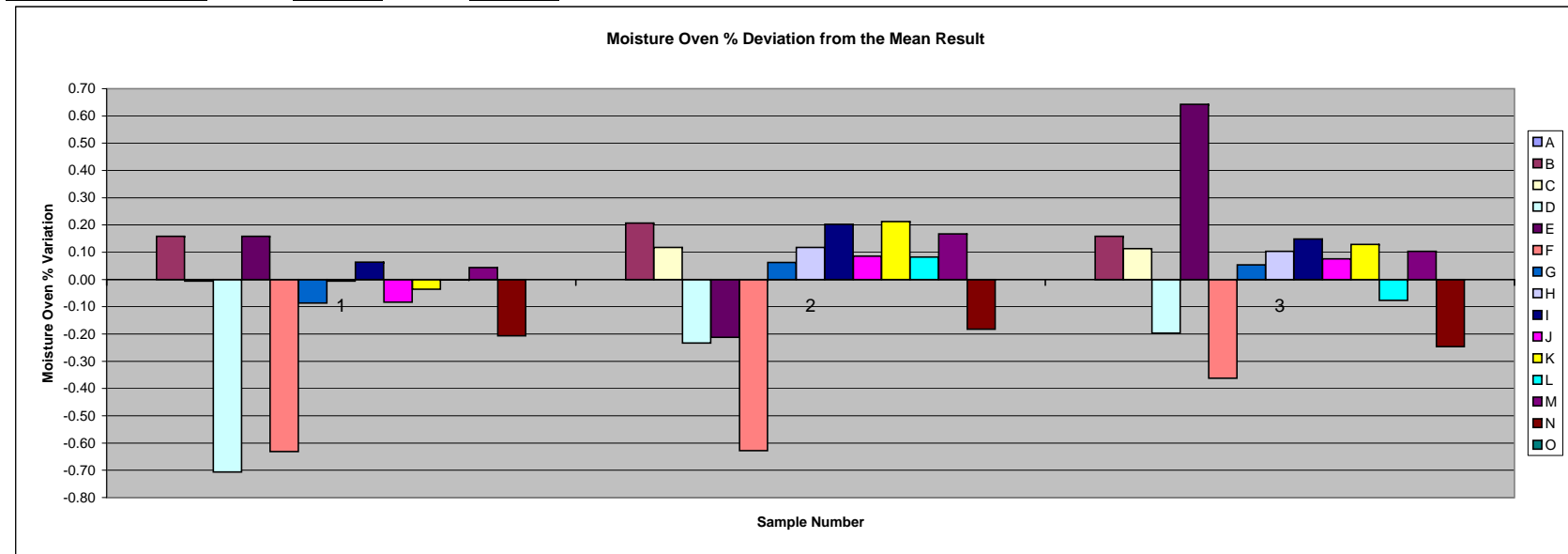
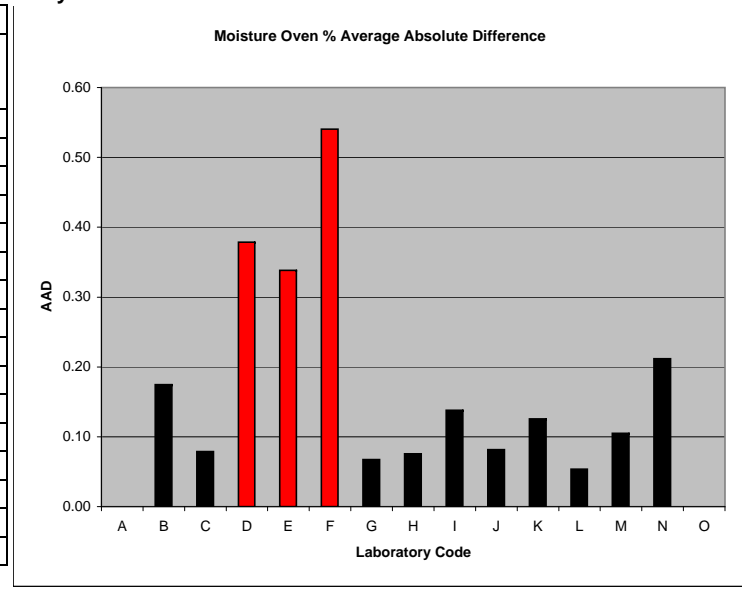
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Oil SFE% Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C								
D								
E								
F								
G								
H								
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!



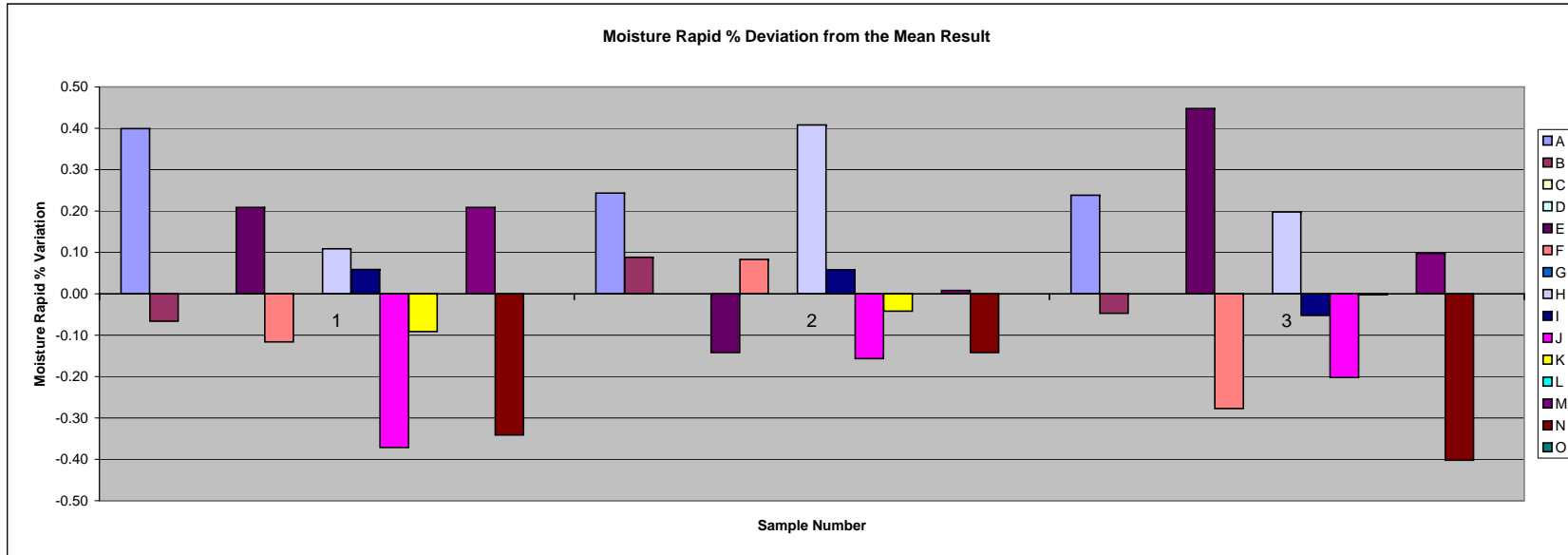
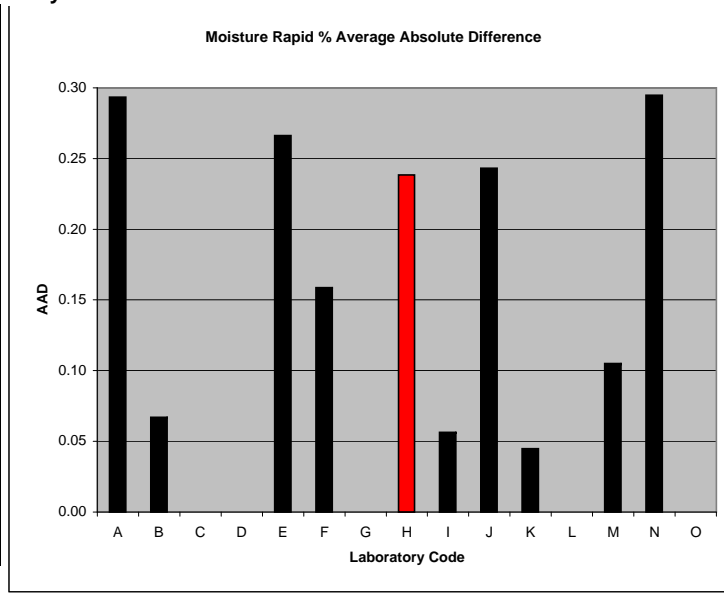
**2009/2010 AOF Test Check Program
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Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	5.87	0.16	6.39	0.21	6.21	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			



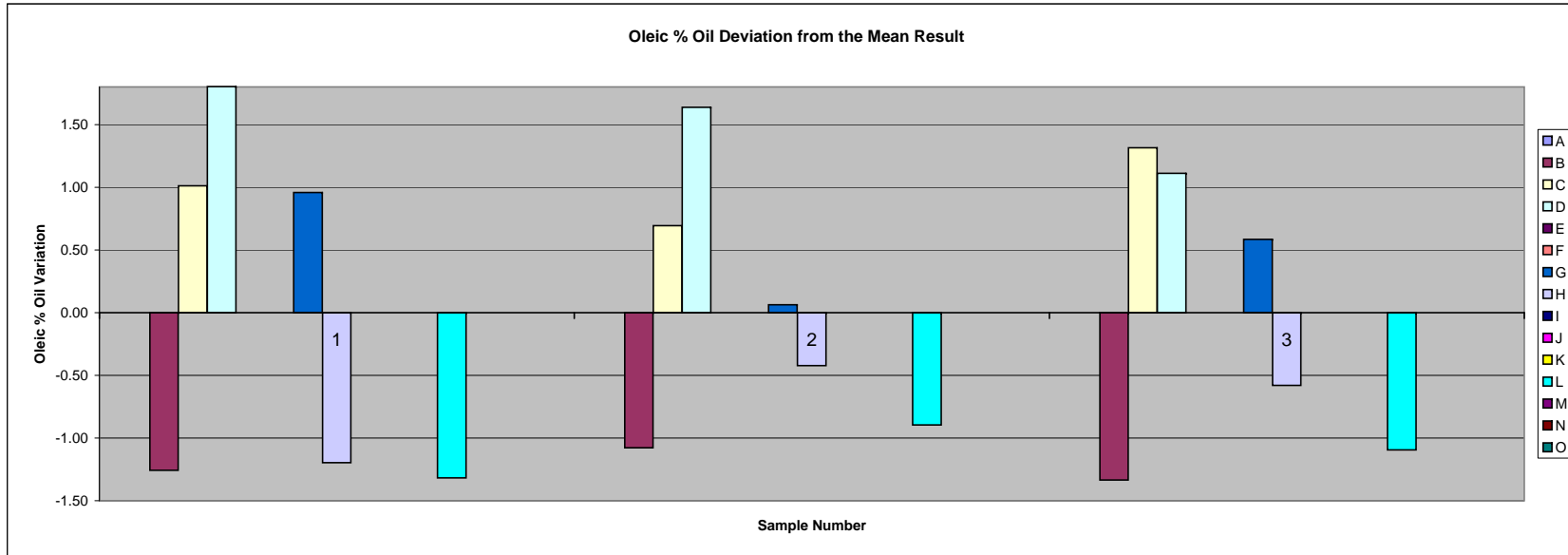
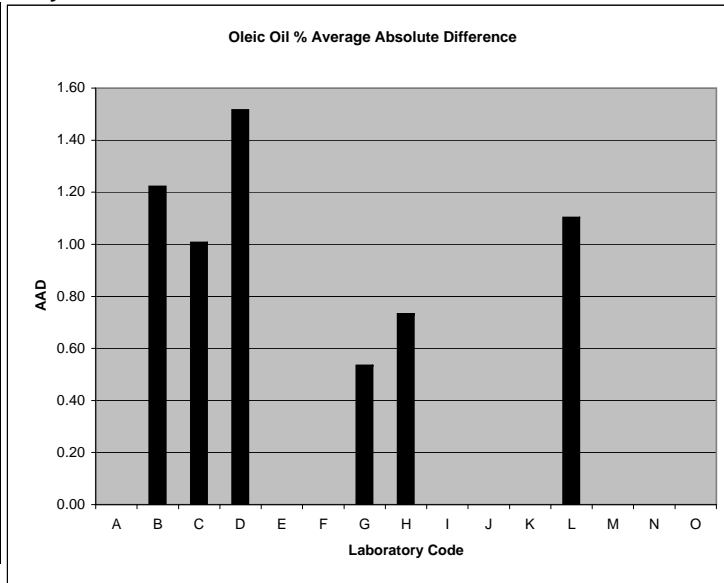
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Moisture Rapid % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	6.24	0.40	6.44	0.24	6.44	0.24	0.29	0.29
B	5.78	-0.07	6.28	0.09	6.16	-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								
MEAN	5.84		6.19		6.20			0.18
STDEV	0.25		0.13		0.26			



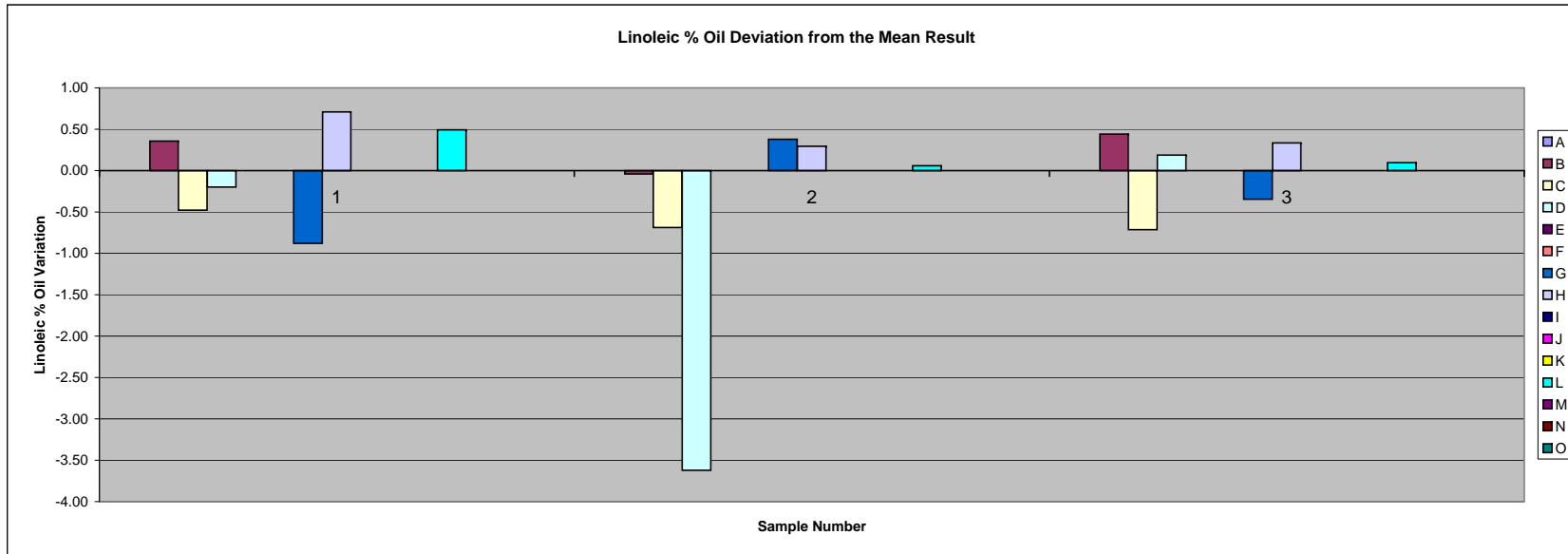
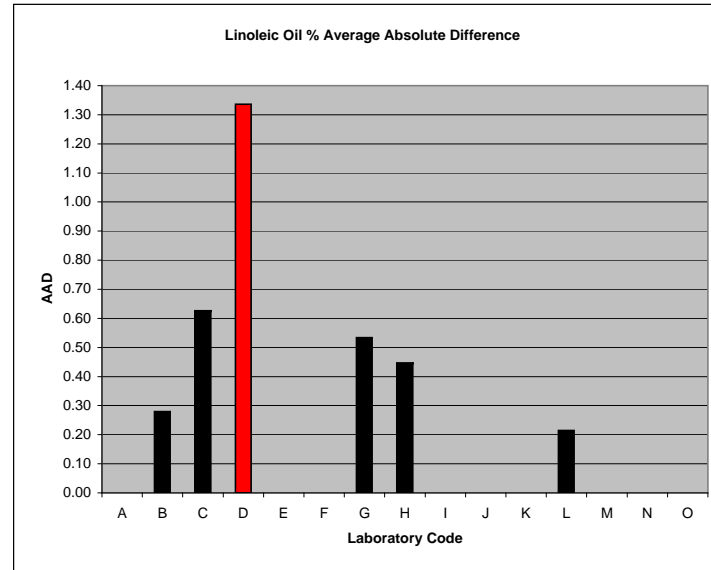
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Oleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	59.58	-1.26	59.86	-1.08	61.48	-1.34	-1.22	1.22
C	61.85	1.01	61.63	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								
MEAN	60.83		60.94		62.81			1.02
STDEV	1.41		1.03		1.15			



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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	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								
MEAN	20.52		20.19		19.00			0.57
STDEV	0.62		0.42		0.44			



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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	0.58	-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								
MEAN	0.58		0.62		0.27			0.13
STDEV	0.13		0.23		0.08			

