



08/09 AOF Test Check Program Monthly Report
Round 1
December 2008
5/12/2008 – 5/01/2009

Result Receival Dates

Lab Code	Date
J	07-Dec-08
M	11-Dec-08
E	16-Dec-08
I	17-Dec-08
B	19-Dec-08
K	22-Dec-08
A	23-Dec-08
H	24-Dec-08
D	30-Dec-08
G	31-Dec-08
N	06-Jan-09
F	08-Jan-09
C	Not received
L	Not received
O	Not received

Discussion of Results

Test Weight

The result produced by lab D for sample 2 was significantly different the mean, recording a mean difference of 6.19. Lab D submitted an outlier for consecutive rounds for this method; however submitted fairly accurate results for samples 1 and 3.

Impurities

No outliers were submitted by the participating laboratories for this method. Lab M produced the most consistent results with an average absolute difference of 0.11.

Oil Rapid

Lab D produced an outlier for sample 1 and generated a high average absolute difference of 2.21. The result submitted by the lab for sample 1 was significantly different the mean with a mean difference of 5.00.

Oil Solvent

Labs G and N produced the highest absolute average differences of 1.34 and 1.23. No labs submitted outliers for Oil Solvent method this round.

Oil Rapid

Lab D produced an outlier for sample 1 and generated a high average absolute difference of 2.21. The result submitted by the lab for sample 1 was significantly different the mean with a mean difference of 5.00.

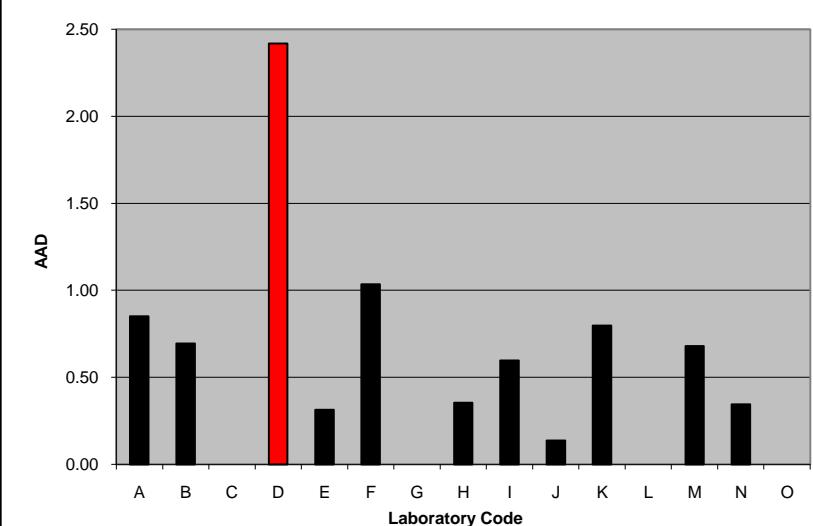
Oil Solvent

Labs G and N produced the highest absolute average differences of 1.34 and 1.23. No labs submitted outliers for Oil Solvent method this round.

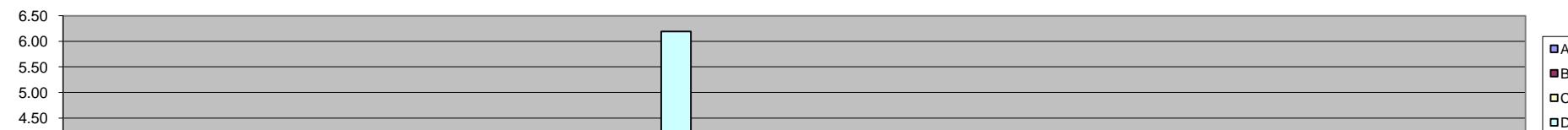
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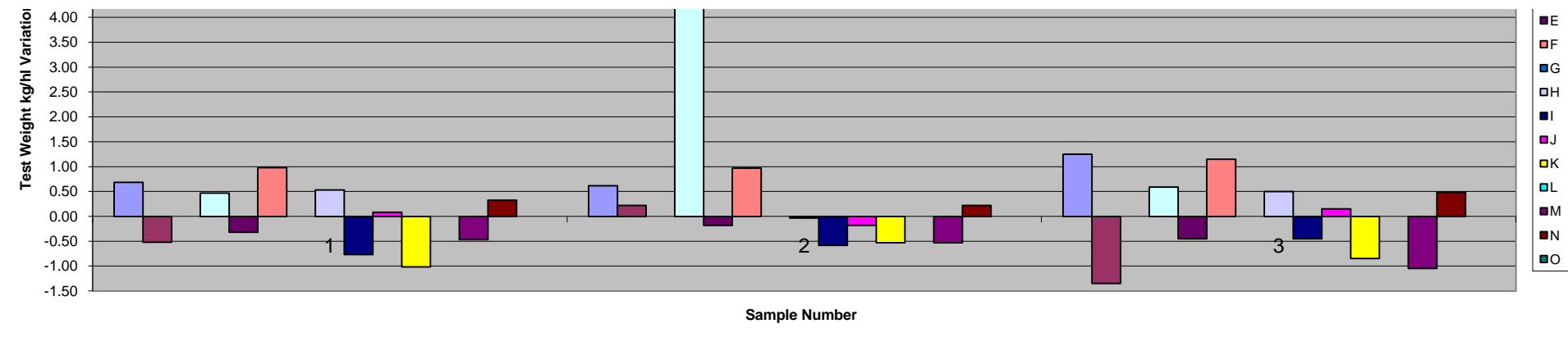
Test Weight kg/hl								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	69.20	0.68	69.40	0.62	71.60	1.25	0.85	0.85
B	68.00	-0.52	69.00	0.22	69.00	-1.35	-0.55	0.69
C								
D	68.99	0.47	74.98	6.19	70.94	0.59	2.42	2.42
E	68.20	-0.32	68.60	-0.18	69.90	-0.45	-0.31	0.31
F	69.50	0.98	69.75	0.97	71.50	1.15	1.04	1.04
G								
H	69.05	0.53	68.75	-0.03	70.85	0.50	0.34	0.36
I	67.75	-0.77	68.20	-0.58	69.90	-0.45	-0.60	0.60
J	68.60	0.08	68.60	-0.18	70.50	0.15	0.02	0.14
K	67.50	-1.02	68.25	-0.53	69.50	-0.85	-0.80	0.80
L								
M	68.05	-0.47	68.25	-0.53	69.30	-1.05	-0.68	0.68
N	68.85	0.33	69.00	0.22	70.84	0.49	0.35	0.35
O								
MEAN	68.52		68.78		70.35			0.75
STDEV	0.65		0.51		0.88			

Test Weight Average Absolute Difference

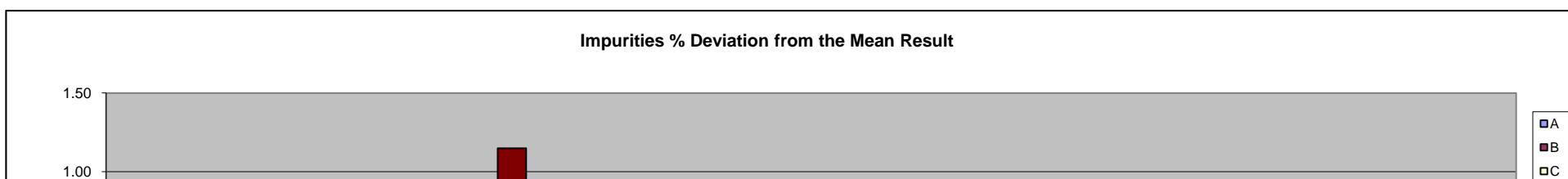
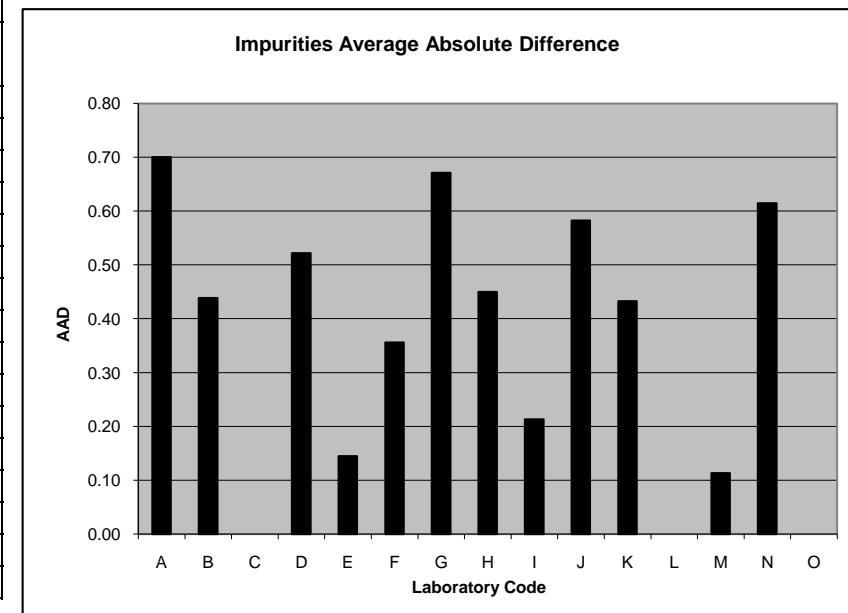


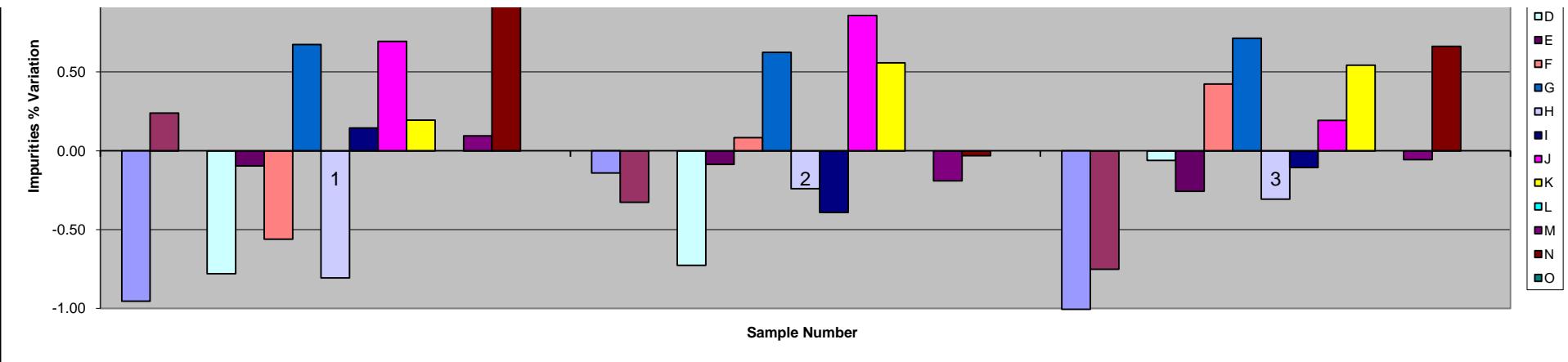
Test Weight kg/hl Deviation from the Mean



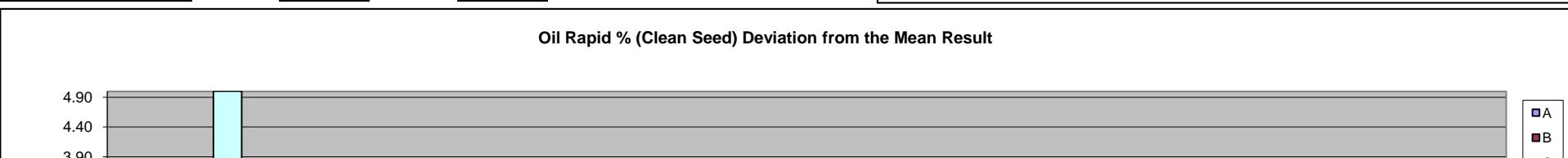
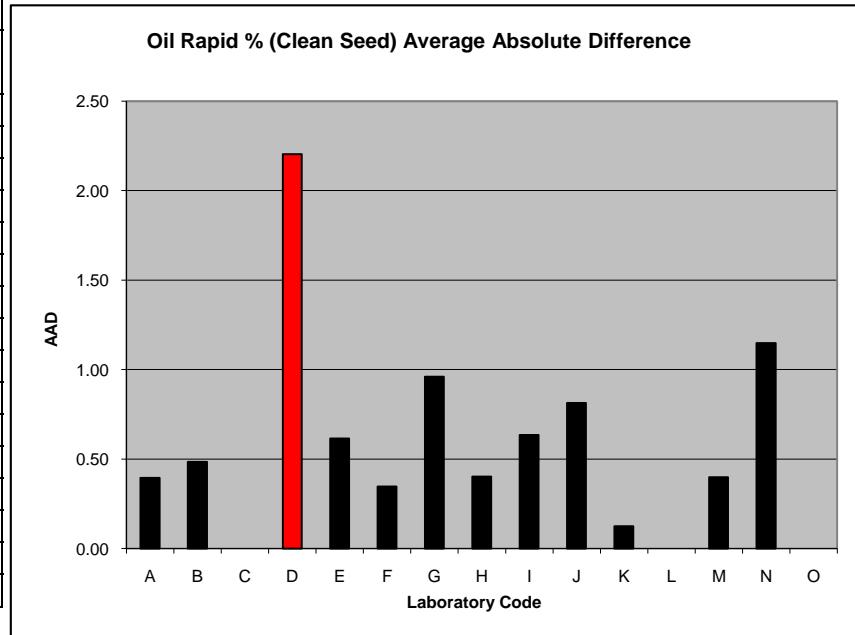


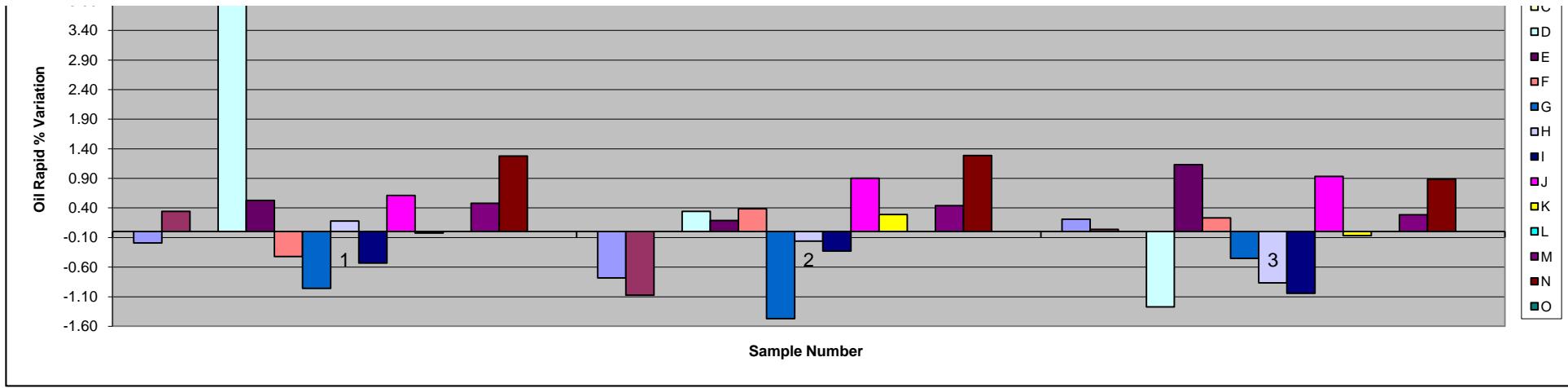
Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.45	-0.96	1.50	-0.14	0.95	-1.01	-0.70	0.70
B	1.65	0.24	1.32	-0.33	1.21	-0.75	-0.28	0.44
C								
D	0.63	-0.78	0.92	-0.73	1.90	-0.06	-0.52	0.52
E	1.31	-0.10	1.56	-0.09	1.70	-0.26	-0.15	0.15
F	0.85	-0.56	1.73	0.08	2.38	0.42	-0.02	0.36
G	2.08	0.68	2.27	0.62	2.67	0.71	0.67	0.67
H	0.60	-0.81	1.40	-0.24	1.65	-0.31	-0.45	0.45
I	1.55	0.15	1.25	-0.39	1.85	-0.11	-0.12	0.21
J	2.10	0.70	2.50	0.86	2.15	0.19	0.58	0.58
K	1.60	0.20	2.20	0.56	2.50	0.54	0.43	0.43
L								
M	1.50	0.10	1.45	-0.19	1.90	-0.06	-0.05	0.11
N	2.56	1.15	1.61	-0.03	2.62	0.66	0.59	0.61
O								
MEAN	1.41		1.64		1.96			0.44
STDEV	0.67		0.46		0.54			



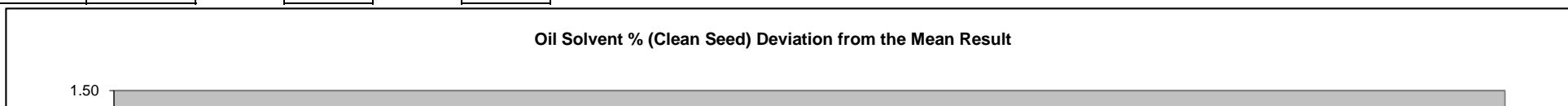
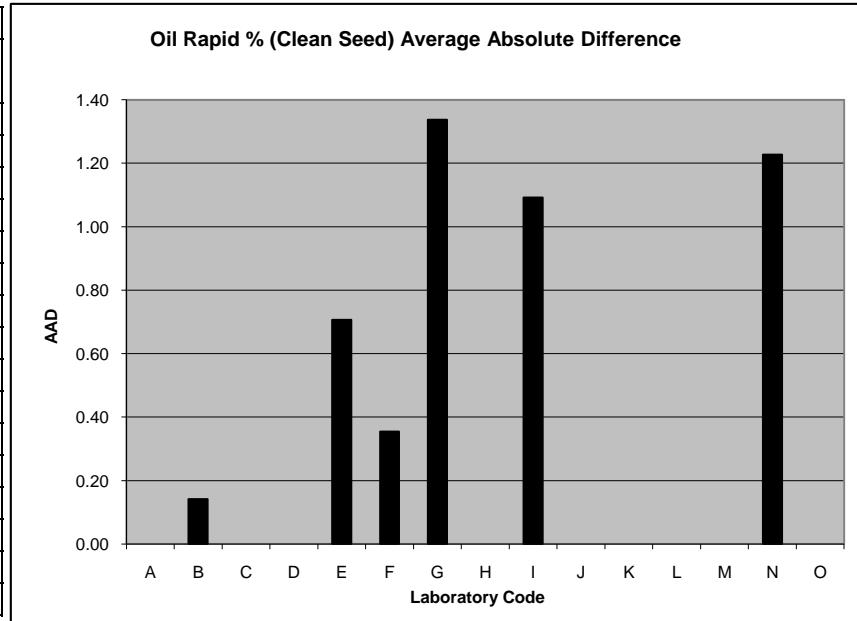


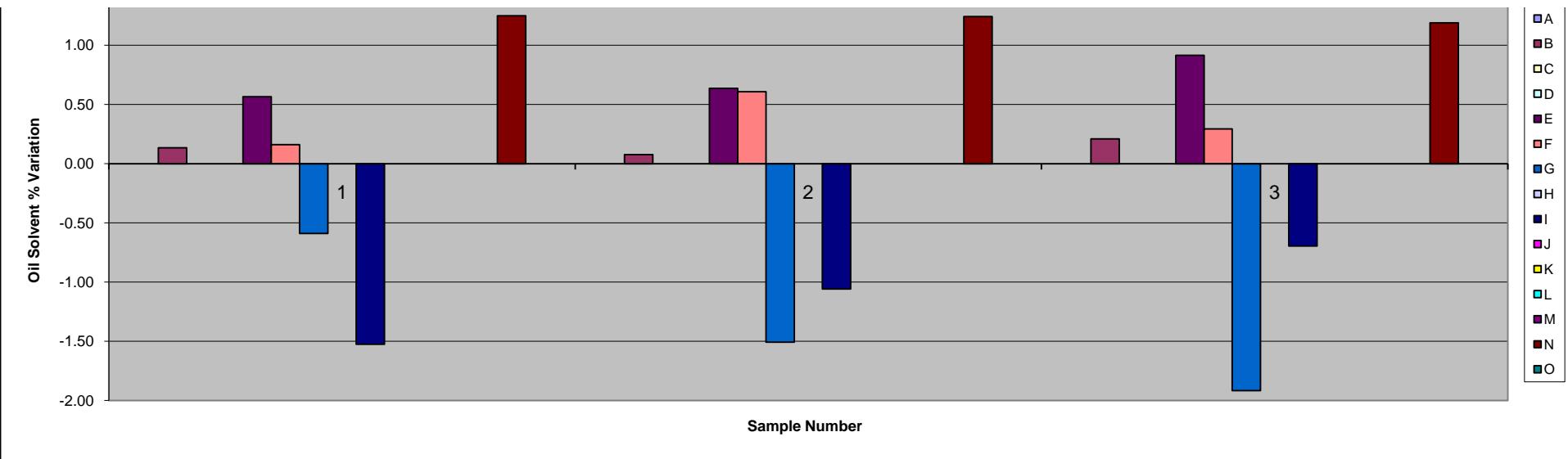
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	41.48	-0.19	40.63	-0.78	36.63	0.21	-0.26	0.39
B	42.02	0.34	40.34	-1.07	36.46	0.04	-0.23	0.48
C								
D	46.68	5.00	41.76	0.34	35.15	-1.27	1.36	2.21
E	42.20	0.53	41.60	0.19	37.55	1.13	0.61	0.61
F	41.25	-0.42	41.80	0.39	36.65	0.23	0.06	0.35
G	40.72	-0.96	39.94	-1.47	35.97	-0.45	-0.96	0.96
H	41.85	0.18	41.25	-0.16	35.55	-0.87	-0.29	0.40
I	41.14	-0.53	41.09	-0.33	35.38	-1.04	-0.64	0.64
J	42.29	0.61	42.32	0.90	37.35	0.93	0.81	0.81
K	41.65	-0.02	41.70	0.29	36.35	-0.07	0.06	0.13
L								
M	42.15	0.48	41.85	0.44	36.70	0.28	0.40	0.40
N	42.95	1.28	42.70	1.29	37.30	0.88	1.15	1.15
O								
MEAN	41.67		41.41		36.42			0.71
STDEV	0.52		0.80		0.78			



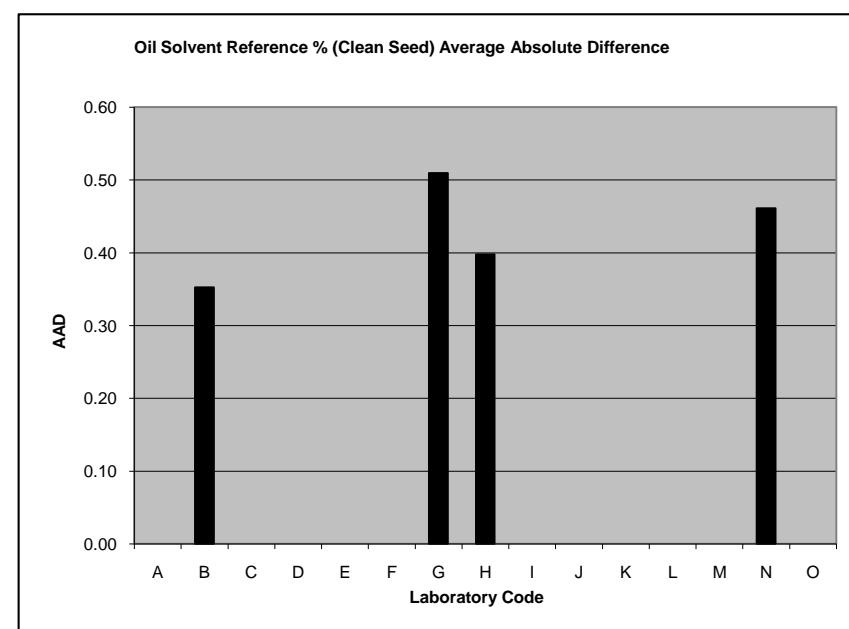


Oil Solvent % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	41.63	0.14	41.14	0.08	36.71	0.21	0.14	0.14
C								
D								
E	42.06	0.57	41.70	0.64	37.41	0.91	0.71	0.71
F	41.65	0.16	41.67	0.61	36.79	0.30	0.35	0.35
G	40.90	-0.59	39.56	-1.51	34.58	-1.92	-1.34	1.34
H								
I	39.97	-1.52	40.01	-1.06	35.80	-0.70	-1.09	1.09
J								
K								
L								
M								
N	42.74	1.25	42.31	1.24	37.69	1.19	1.23	1.23
O								
MEAN	41.49		41.06		36.50			0.81
STDEV	0.96		1.07		1.14			

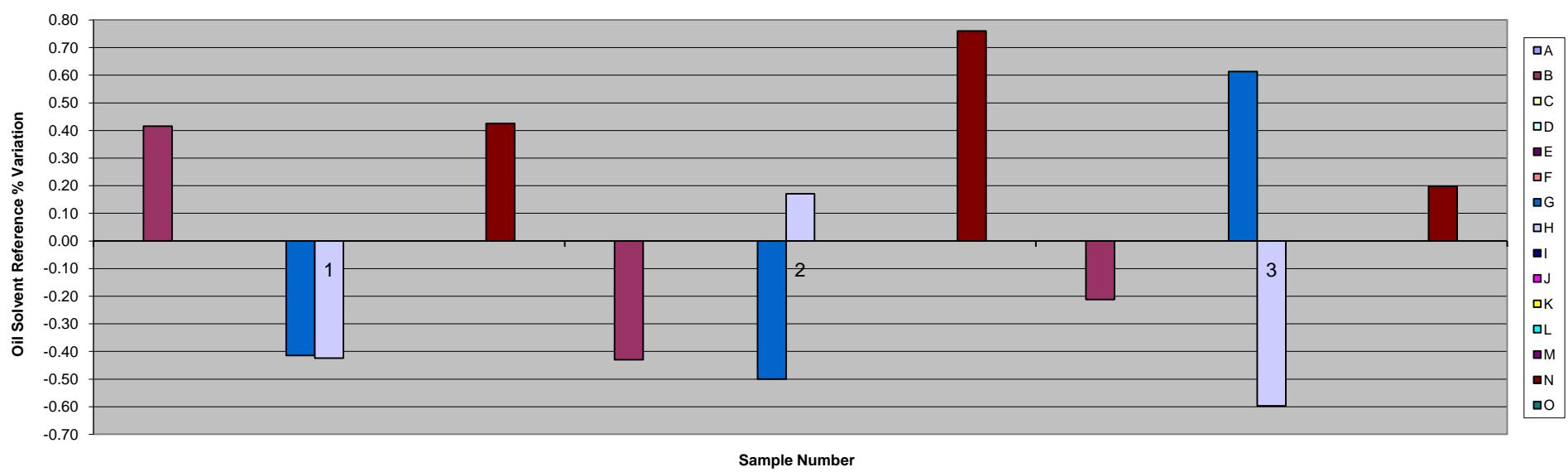




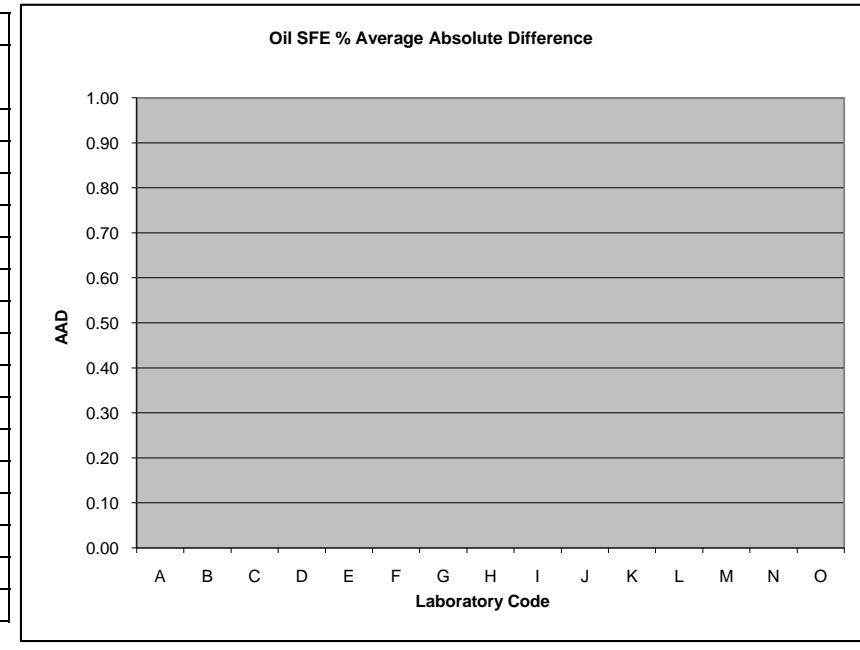
Oil Solvent Reference % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	42.49	0.41	41.30	-0.43	36.69	-0.21	-0.08	0.35
C								
D								
E								
F								
G	41.66	-0.41	41.23	-0.50	37.51	0.61	-0.10	0.51
H	41.65	-0.42	41.90	0.17	36.30	-0.60	-0.28	0.40
I								
J								
K								
L								
M								
N	42.50	0.43	42.49	0.76	37.10	0.20	0.46	0.46
O								
MEAN	42.08		41.73		36.90			0.43
STDEV	0.49		0.59		0.52			

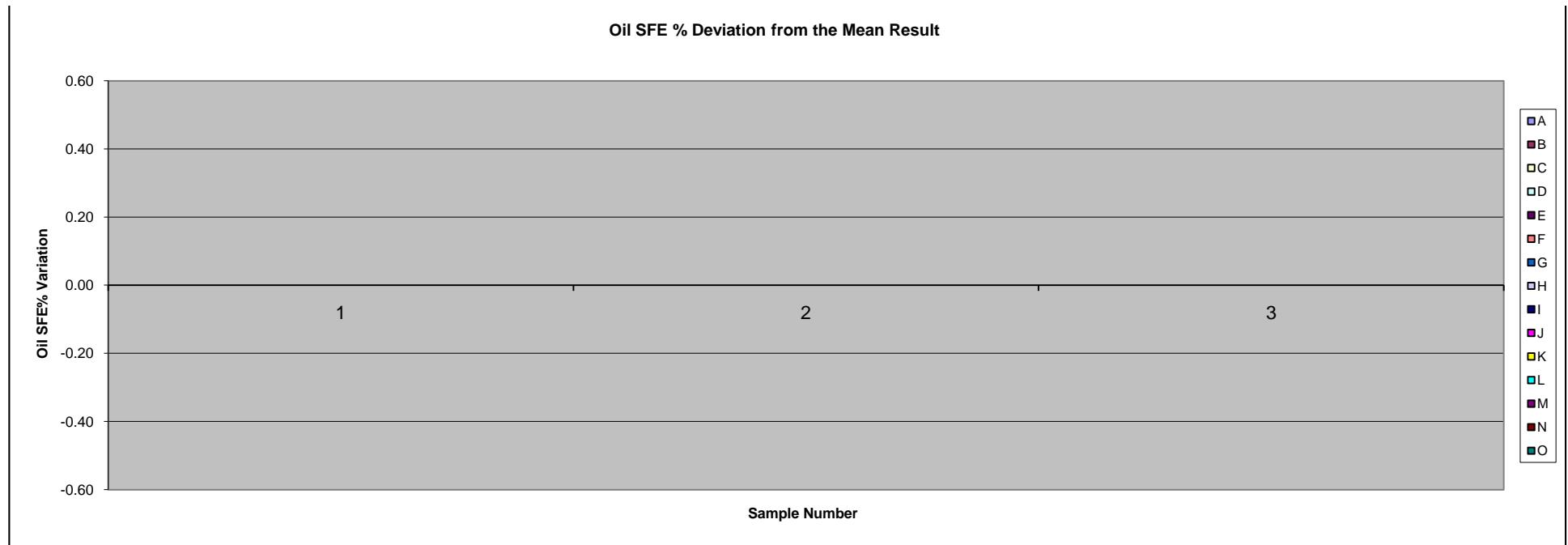


Oil Solvent Reference % (Clean Seed) Deviation from the Mean Result

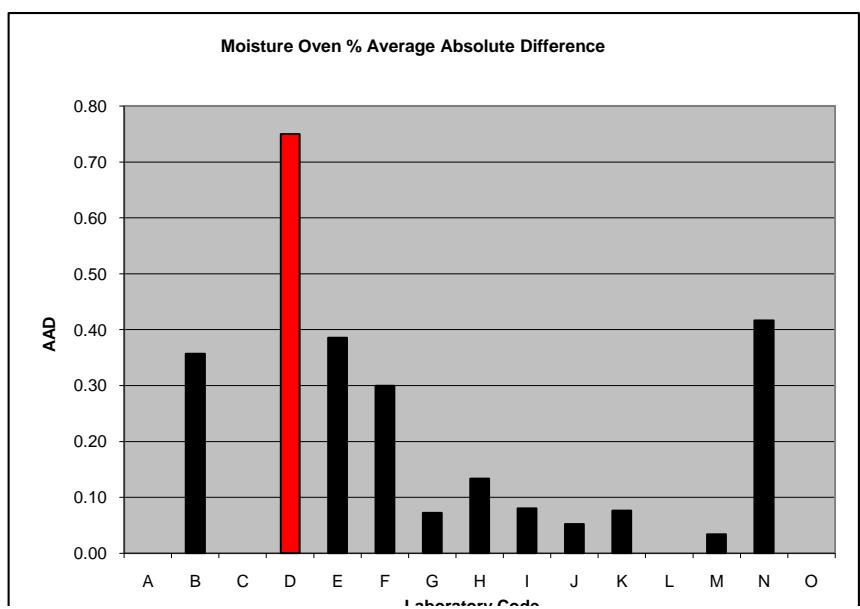


Oil SFE% Deviation from the Mean									
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference	
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean			
A									
B									
C									
D									
E									
F									
G									
H									
I									
J									
K									
L									
M	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

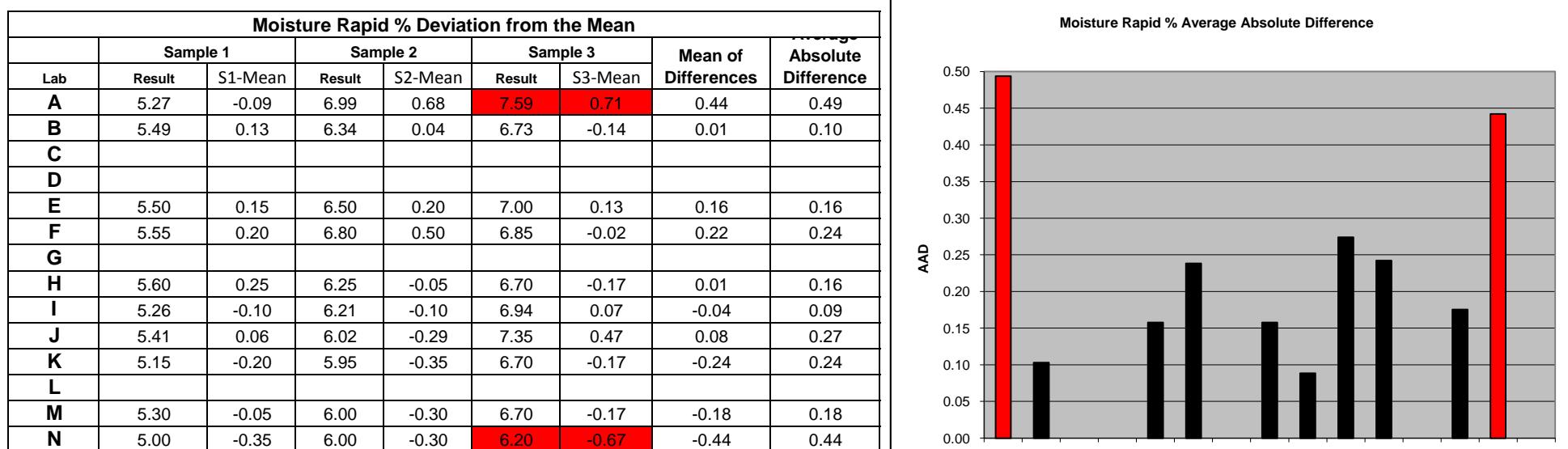
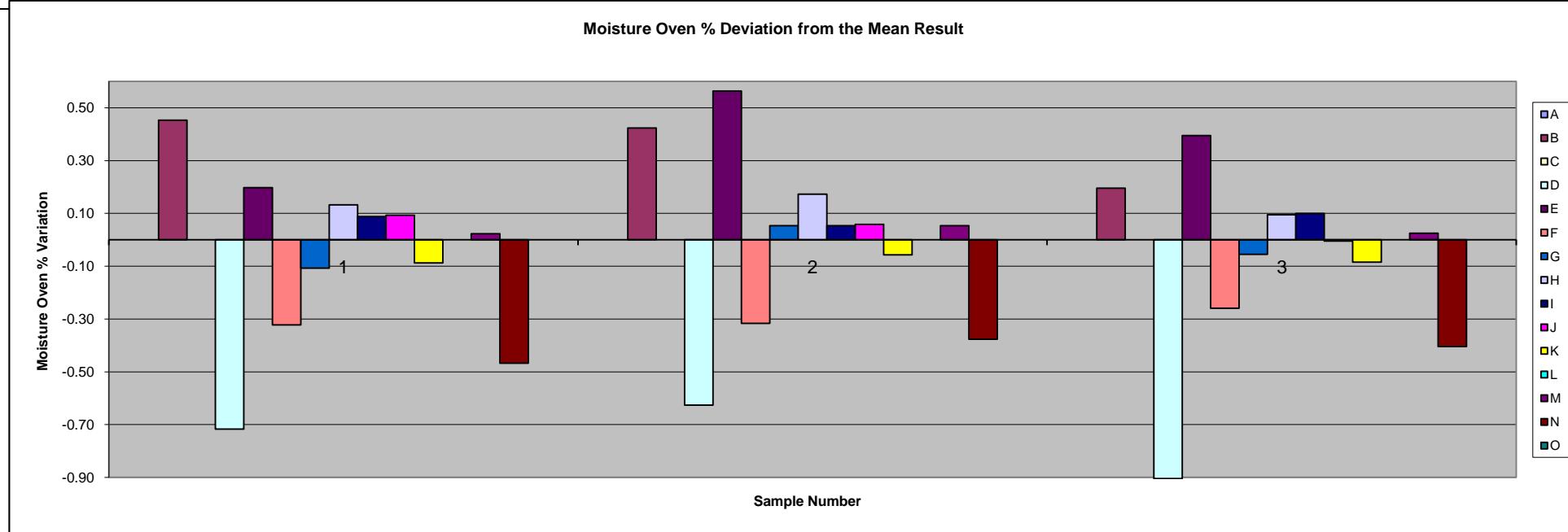




Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	5.92	0.45	6.50	0.42	6.85	0.20	0.36	0.36
C								
D	4.75	-0.72	5.45	-0.63	5.75	-0.90	-0.75	0.75
E	5.67	0.20	6.64	0.56	7.05	0.40	0.39	0.39
F	5.15	-0.32	5.76	-0.32	6.40	-0.26	-0.30	0.30
G	5.36	-0.11	6.13	0.05	6.60	-0.05	-0.04	0.07
H	5.60	0.13	6.25	0.17	6.75	0.10	0.13	0.13
I	5.56	0.09	6.13	0.05	6.76	0.10	0.08	0.08
J	5.56	0.09	6.14	0.06	6.65	0.00	0.05	0.05
K	5.38	-0.09	6.02	-0.06	6.57	-0.08	-0.08	0.08
L								
M	5.49	0.02	6.13	0.05	6.68	0.03	0.03	0.03
N	5.00	-0.47	5.70	-0.38	6.25	-0.40	-0.42	0.42
O								

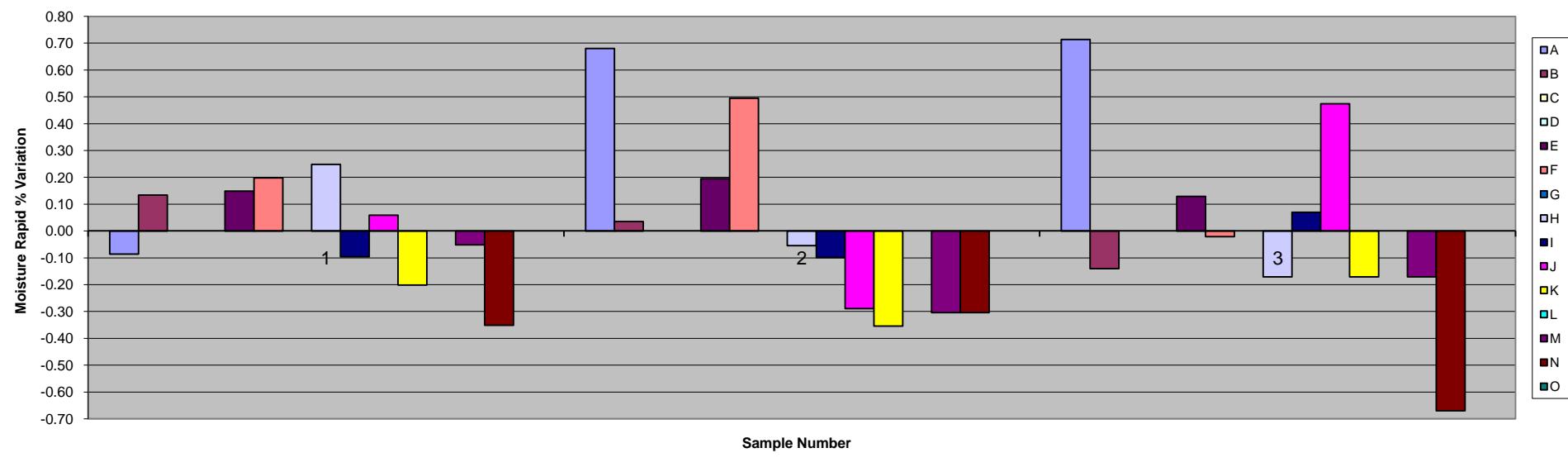


MEAN	5.47	6.08	6.66	0.24	Laboratory Codes
STDEV	0.26	0.34	0.22		



O										A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
MEAN	5.35			6.30			6.87																		
STDEV	0.10			0.26			0.22																		

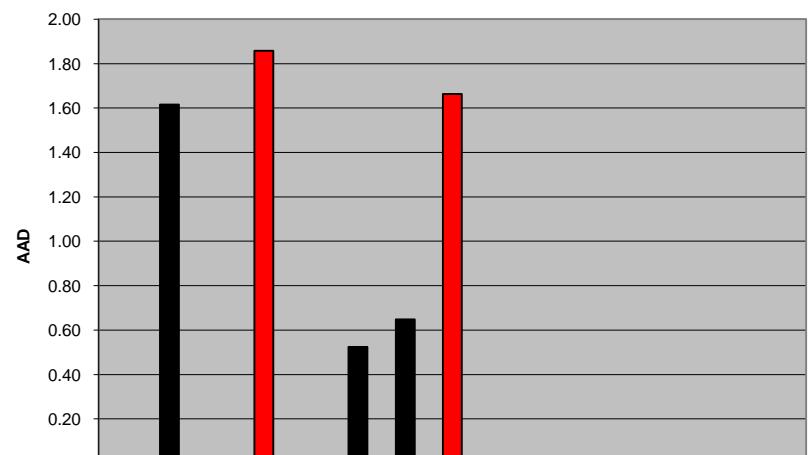
Moisture Rapid % Deviation from the Mean Result

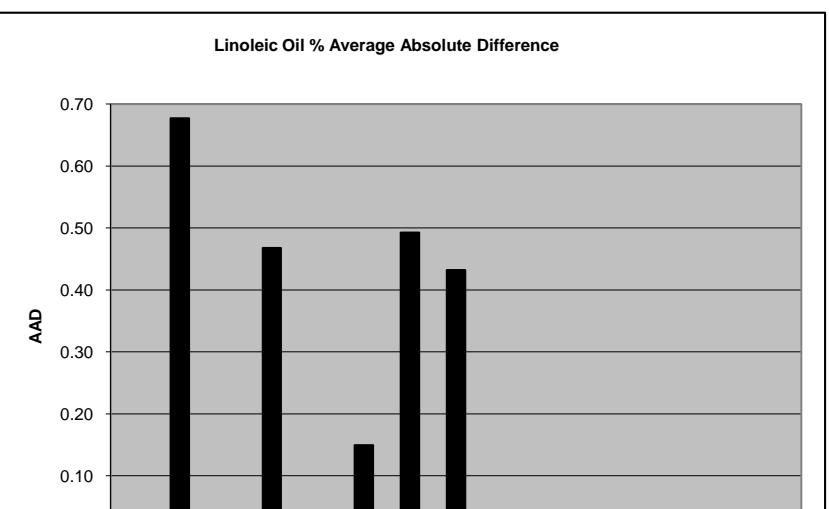
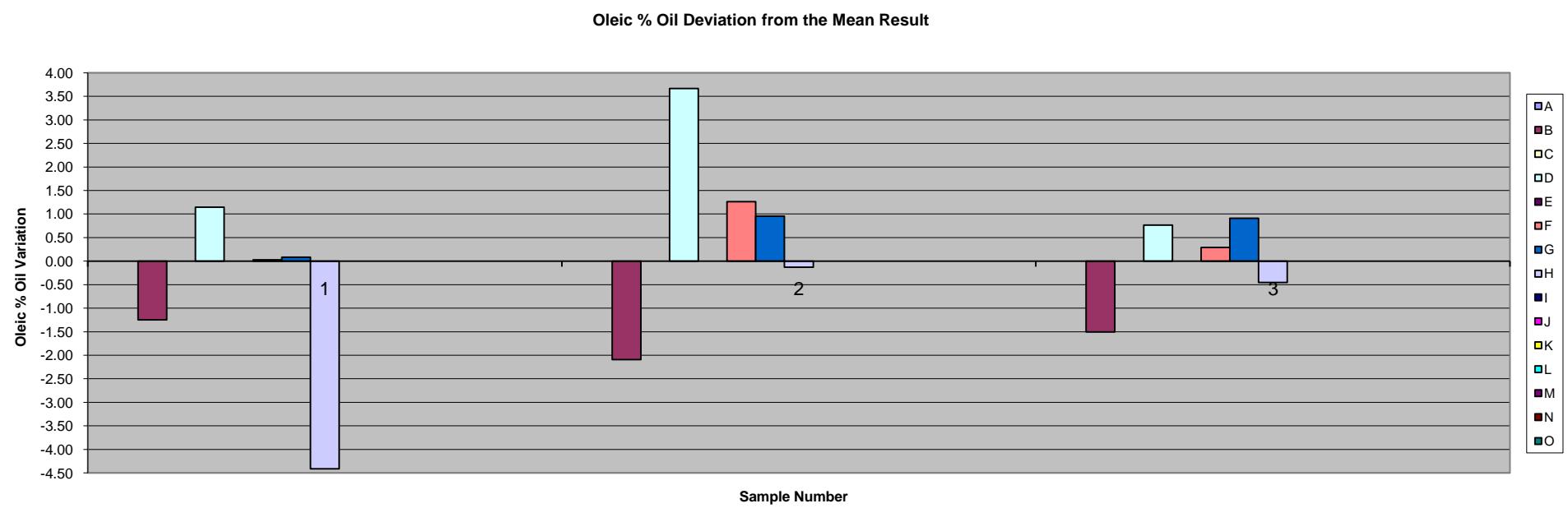


Oleic % Oil Deviation from the Mean

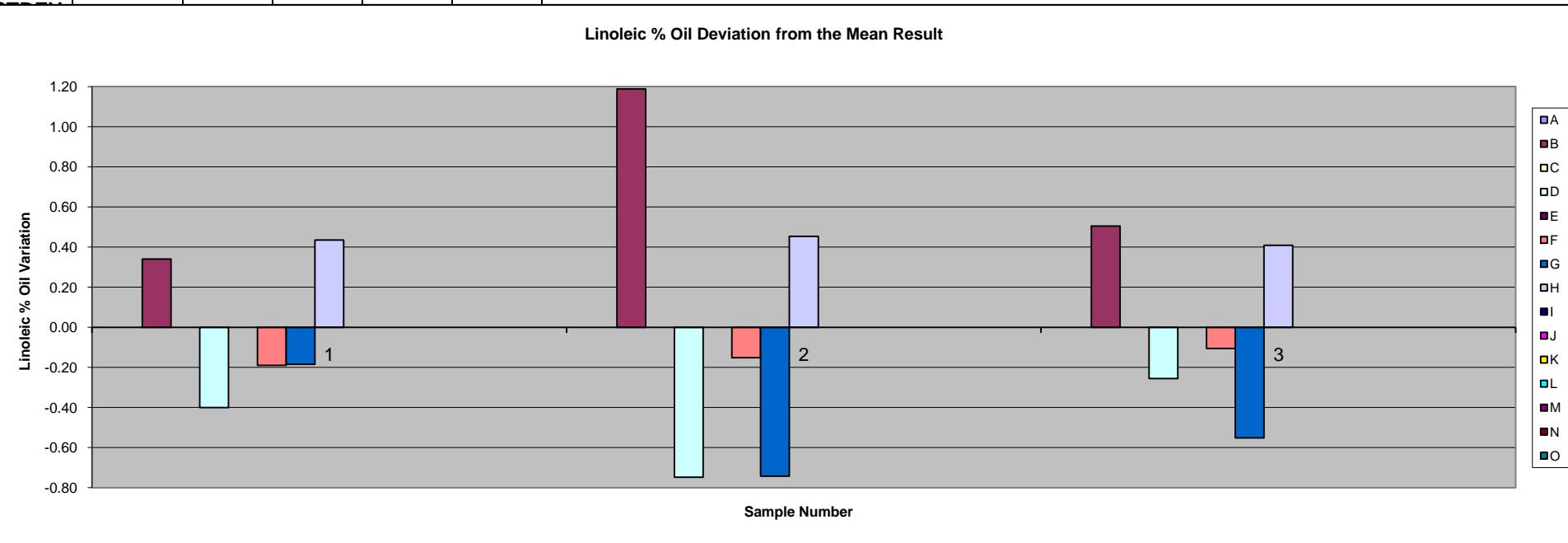
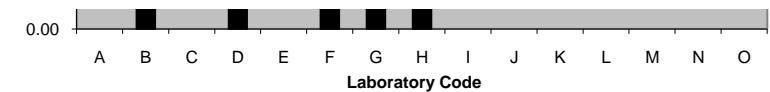
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	61.18	-1.25	55.70	-2.09	57.21	-1.51	-1.62	1.62
C								
D	63.57	1.15	61.46	3.67	59.48	0.76	1.86	1.86
E								
F	62.45	0.03	59.05	1.26	59.00	0.29	0.52	0.52
G	62.51	0.08	58.75	0.96	59.62	0.91	0.65	0.65
H	58.02	-4.41	57.66	-0.13	58.26	-0.45	-1.66	1.66
I								
J								
K								
L								
M								

Oleic Oil % Average Absolute Difference

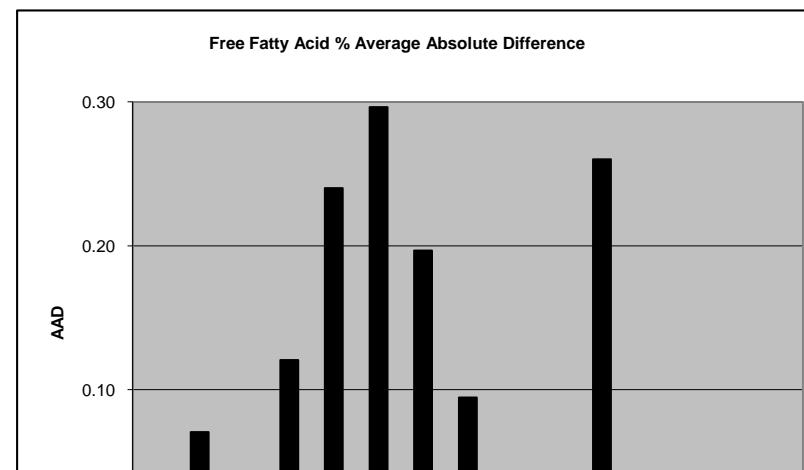




M								
N								
O								
MEAN	19.74		21.25		20.86			0.44



Free Fatty Acid % Oil Deviation from the Mean								
	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference
Lab	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	0.08	-0.09	0.10	-0.13	0.22	-0.11	-0.11	0.07
C								
D	0.18	0.01	0.12	-0.10	0.28	-0.05	-0.05	0.12
E	0.19	0.02	0.24	0.02	0.45	0.12	0.05	0.24
F	0.23	0.06	0.44	0.21	0.36	0.03	0.10	0.30
G	0.17	0.00	0.19	-0.03	0.39	0.07	0.01	0.20
H	0.10	-0.07	0.16	-0.06	0.20	-0.13	-0.09	0.09
I								
J								
K	0.25	0.08	0.33	0.11	0.39	0.06	0.08	0.26



L													
M													
N													
O													
MEAN	0.17		0.22		0.33				0.18				

