



08/09 AOF Test Check Program Monthly Report Round 7 June 2009

02/06/2009 – 30/06/2009

Result Receiving Dates

Lab Code	Date
A	04-Jun-09
E	10-Jun-09
K	10-Jun-09
J	11-Jun-09
M	12-Jun-09
C	16-Jun-09
G	16-Jun-09
I	22-Jun-09
B	25-Jun-09
O	25-Jun-09
N	29-Jun-09
D	30-Jun-09
F	30-Jun-09
H	30-Jun-09
L	Not received

Discussion of Results

Test Weight

Labs A and F produced the highest absolute average differences of 1.16 and 1.11. No labs submitted outliers for Test Weight this round.

Impurities

Lab K produced an outlier for sample 1 with a mean difference of 2.08. Labs B and K produced the highest absolute average differences of 0.96 and 0.94.

Oil Rapid

Labs D and H submitted results lower than the mean. Lab D generated an outlier for sample 2 with average absolute difference of 1.23. Lab H generated an outlier for sample 3 with average absolute difference of 1.16. The result produced by lab O for sample 2 was significantly higher than the mean with a mean difference of 1.49.

Oil Solvent

No outliers were produced by the participating laboratories for this method. Lab I generated the highest average absolute difference of 1.38.



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Oil Solvent (AOCS Method Am 2-93)

No outliers were produced by the participating laboratories for this method.

Oil SFE

No labs submitted results for Oil SFE this round.

Moisture Oven

Lab D submitted results lower than the mean and generated an outlier for sample 2 and 3 with average absolute difference of 1.21. The results produced by lab E for sample 1 and 3 were significantly higher than the mean, recording the absolute average difference of 0.46. Lab N submitted low results, recording an outlier for sample 3 and absolute average difference of 0.45.

Moisture Rapid

The results produced by lab N were significantly lower than the mean with outliers for sample 1 and 2, recording the highest absolute average difference of 0.42. Labs E, F and A produced outliers for sample 1. Both, lab A and F generated the average absolute difference of 0.21. Lab E generated the average absolute difference of 0.30.

Oleic Oil

Lab D produced the highest absolute average differences of 1.74. No outliers were produced by the participating laboratories for this method.

Linoleic Oil

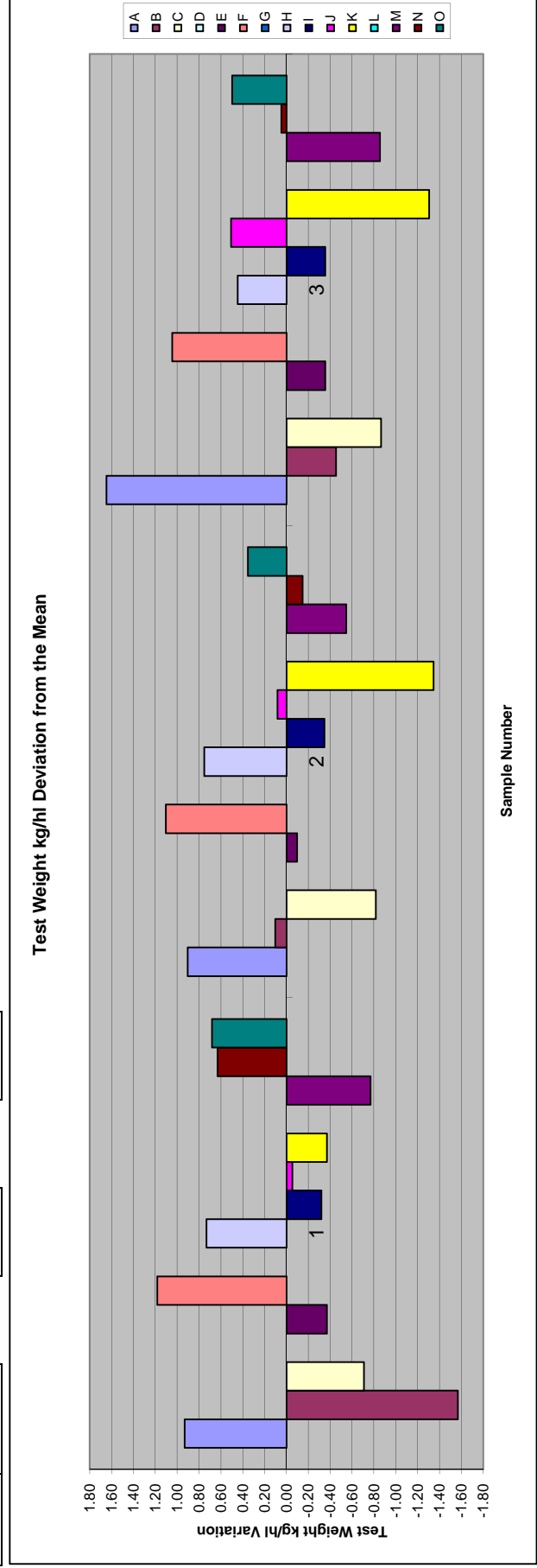
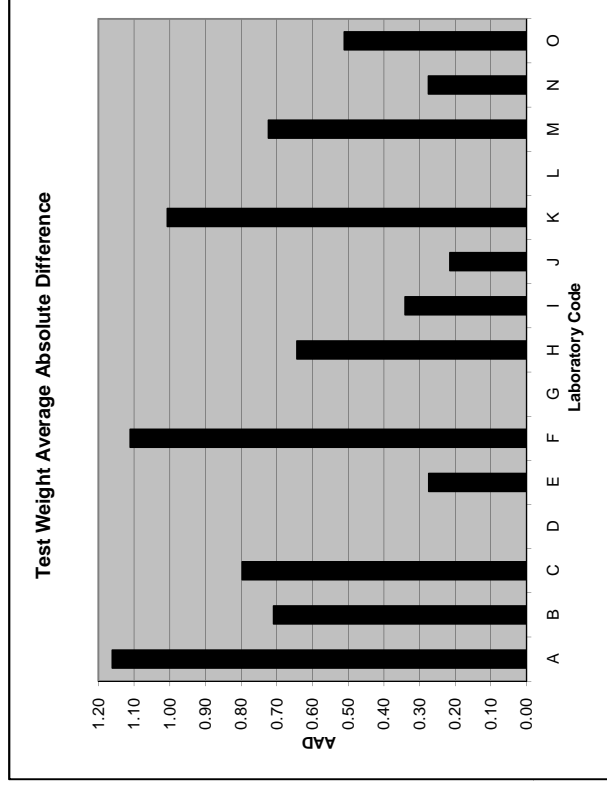
No outliers were produced by the participating laboratories for this method.

Free Fatty Acid

No outliers were produced by the participating laboratories for this method.

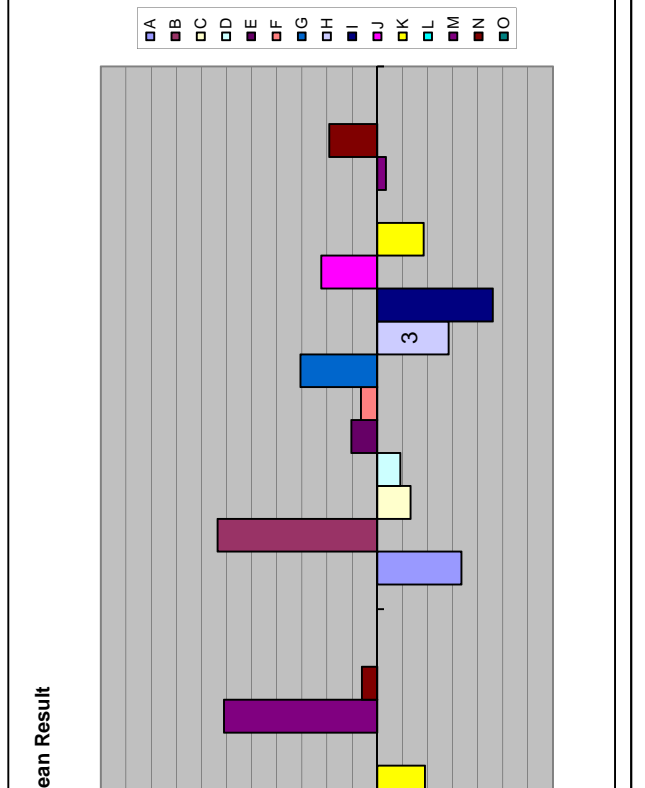
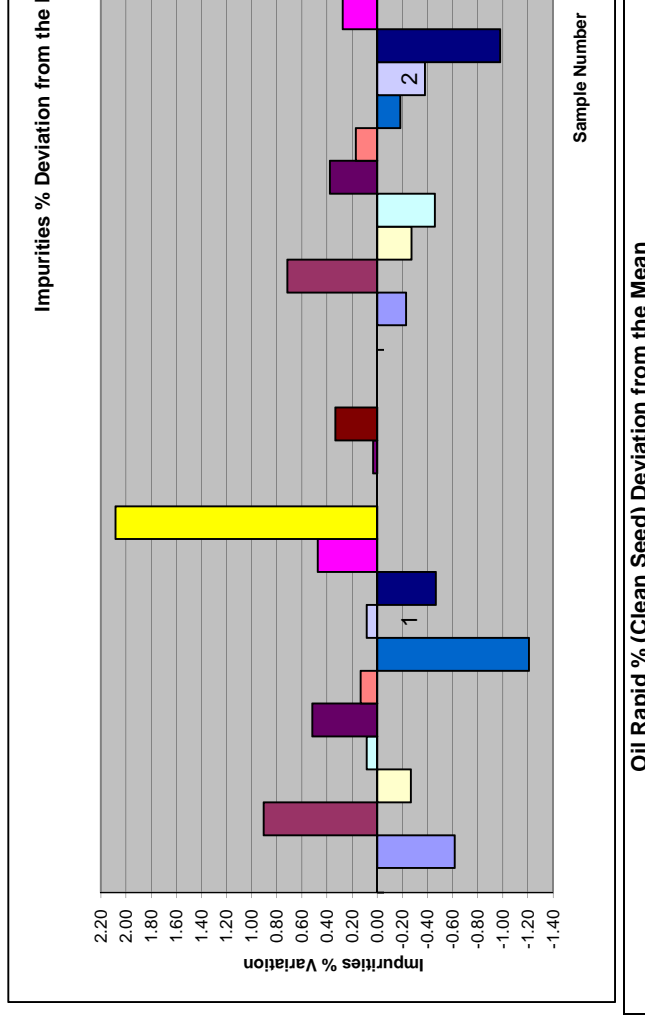
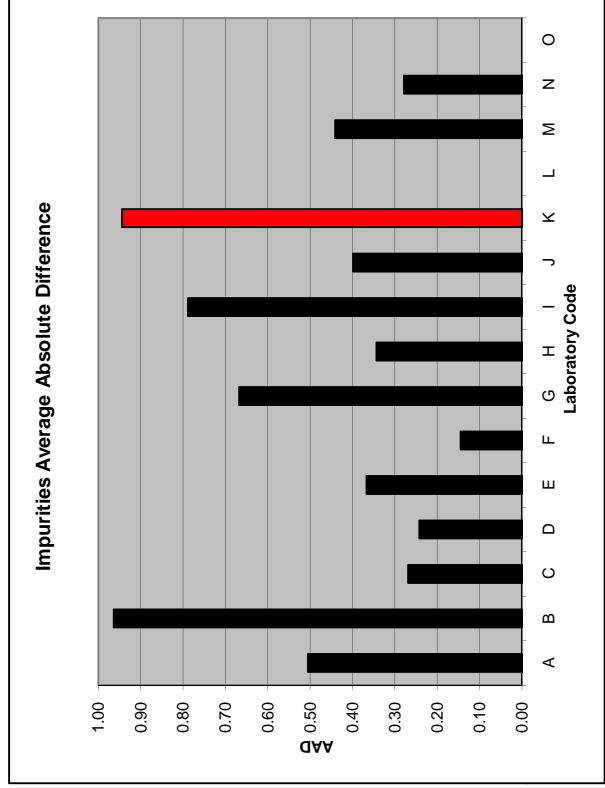
**2008/2009 AOF Test Check Program
Round 7 Summary - June**

Test Weight kg/hl									
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference	Laboratory Code
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean			
A	71.50	0.93	69.80	0.90	71.10	1.65	1.16	1.16	A
B	69.00	-1.57	69.00	0.10	69.00	-0.45	-0.64	0.71	B
C	69.86	-0.71	68.08	-0.82	68.59	-0.86	-0.80	0.80	C
D									D
E	70.20	-0.37	68.80	-0.10	69.10	-0.35	-0.27	0.27	E
F	71.75	1.18	70.00	1.10	70.50	1.05	1.11	1.11	F
G									G
H	71.30	0.73	69.65	0.75	69.90	0.45	0.64	0.64	H
I	70.25	-0.32	68.55	-0.35	69.10	-0.35	-0.34	0.34	I
J	70.52	-0.05	68.98	0.08	69.96	0.51	0.18	0.21	J
K	70.20	-0.37	67.55	-1.35	68.15	-1.30	-1.01	1.01	K
L									L
M	69.80	-0.77	68.35	-0.55	68.60	-0.85	-0.72	0.72	M
N	71.20	0.63	68.75	-0.15	69.50	0.05	0.18	0.27	N
O	71.25	0.68	69.25	0.35	69.95	0.50	0.51	0.51	O
MEAN	70.57		68.90		69.45		0.65		
STDEV	0.83		0.72		0.86				



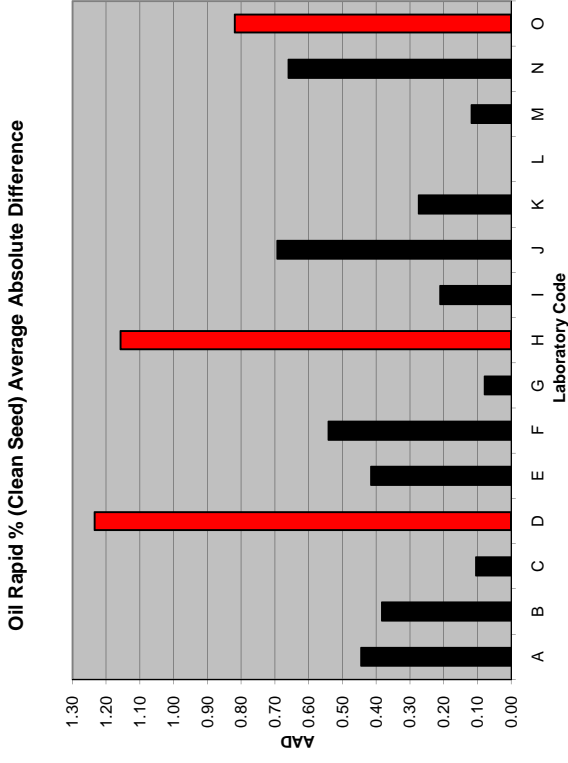
**2008/2009 AOF Test Check Program
Round 7 Summary - June**

Impurities %																						
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference	Laboratory Code													
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean			A	B	C	D	E	F	G	H	I	J	K	L	M	N
A	1.45	-0.62	1.85	-0.23	1.00	-0.67	-0.51	0.51														
B	2.97	0.90	2.80	0.72	2.94	1.27	0.96	0.96														
C	1.80	-0.27	1.81	-0.27	1.41	-0.26	-0.19	0.24														
D	2.15	0.08	1.62	-0.46	1.49	-0.18	-0.19	0.24														
E	2.59	0.52	2.46	0.38	1.88	0.21	0.37	0.37														
F	2.20	0.13	2.25	0.17	1.80	0.13	0.14	0.14														
G	0.86	-1.21	1.90	-0.18	2.28	0.61	-0.26	0.67														
H	2.15	0.08	1.70	-0.38	1.10	-0.57	-0.29	0.34														
I	1.60	-0.47	1.10	-0.98	0.75	-0.92	-0.79	0.79														
J	2.54	0.47	2.36	0.28	2.12	0.45	0.40	0.40														
K	4.15	2.08	1.70	-0.38	1.30	-0.37	0.44	0.94														
L																						
M	2.10	0.03	3.30	1.22	1.60	-0.07	0.39	0.44														
N	2.40	0.33	2.20	0.12	2.05	0.38	0.28	0.28														
O																						
MEAN	2.07		2.08		1.67			0.49														
STDEV	0.57		0.57		0.60																	

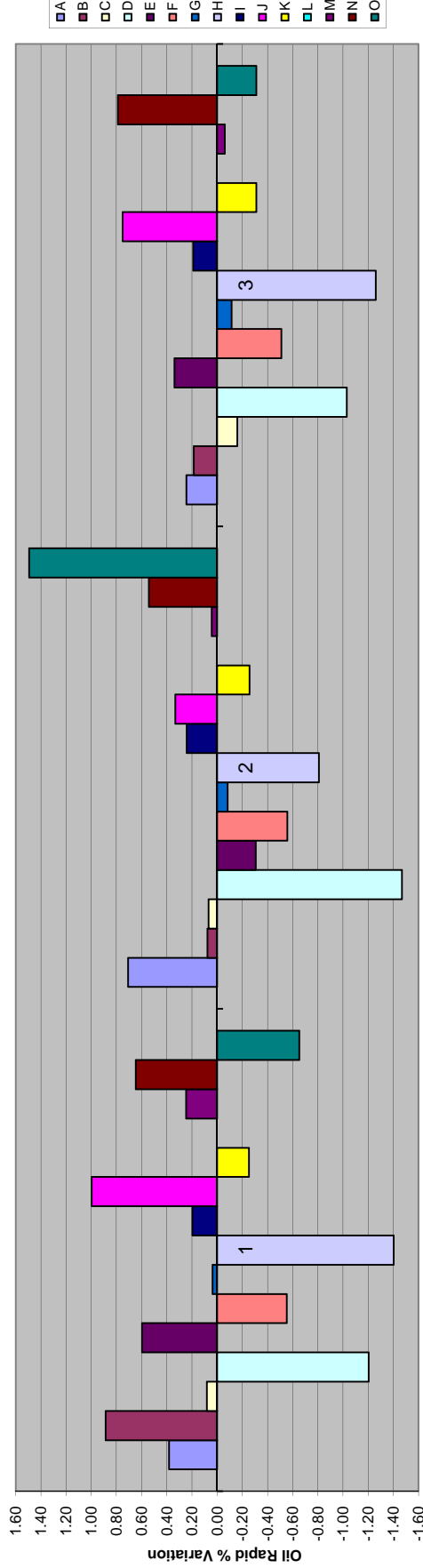


**2008/2009 AOF Test Check Program
Round 7 Summary - June**

Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	37.14	0.38	41.62	0.71	39.36	0.24	0.44	0.44
B	37.64	0.89	40.99	0.08	39.30	0.18	0.38	0.38
C	36.84	0.08	40.98	0.07	38.95	-0.16	0.00	0.10
D	35.55	-1.20	39.44	-1.47	38.08	-1.03	-1.23	1.23
E	37.35	0.60	40.60	-0.31	39.45	0.34	0.21	0.41
F	36.20	-0.55	40.35	-0.56	38.60	-0.51	-0.54	0.54
G	36.79	0.04	40.83	-0.08	39.00	-0.12	-0.05	0.08
H	35.35	-1.40	40.10	-0.81	37.85	-1.26	-1.16	1.16
I	36.95	0.20	41.15	0.24	39.30	0.19	0.21	0.21
J	37.75	1.00	41.24	0.33	39.86	0.75	0.69	0.69
K	36.50	-0.25	40.65	-0.26	38.80	-0.31	-0.27	0.27
L								
M	37.00	0.25	40.95	0.04	39.05	-0.06	0.08	0.12
N	37.40	0.65	41.45	0.54	39.90	0.79	0.66	0.66
O	36.10	-0.65	42.40	1.49	38.80	-0.31	0.18	0.82
MEAN	36.75		40.91		39.11			0.51
STDEV	0.73		0.44		0.50			



Oil Rapid % (Clean Seed) Deviation from the Mean Result



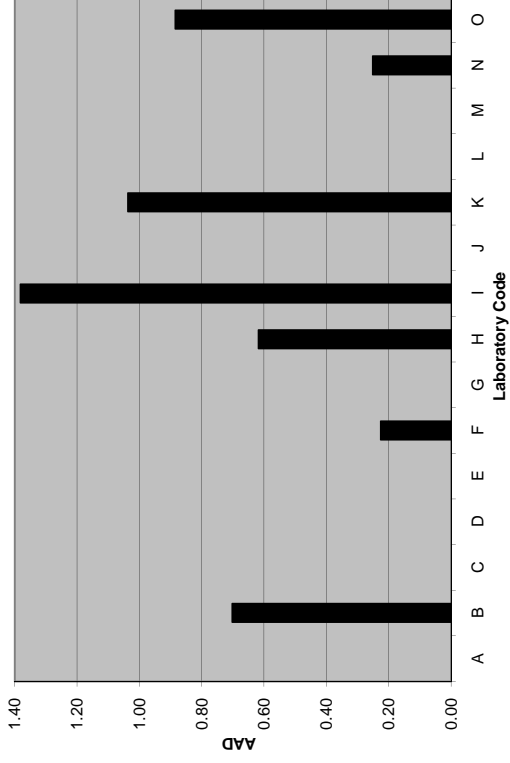
Sample Number

Oil Solvent % (Clean Seed) Deviation from the Mean

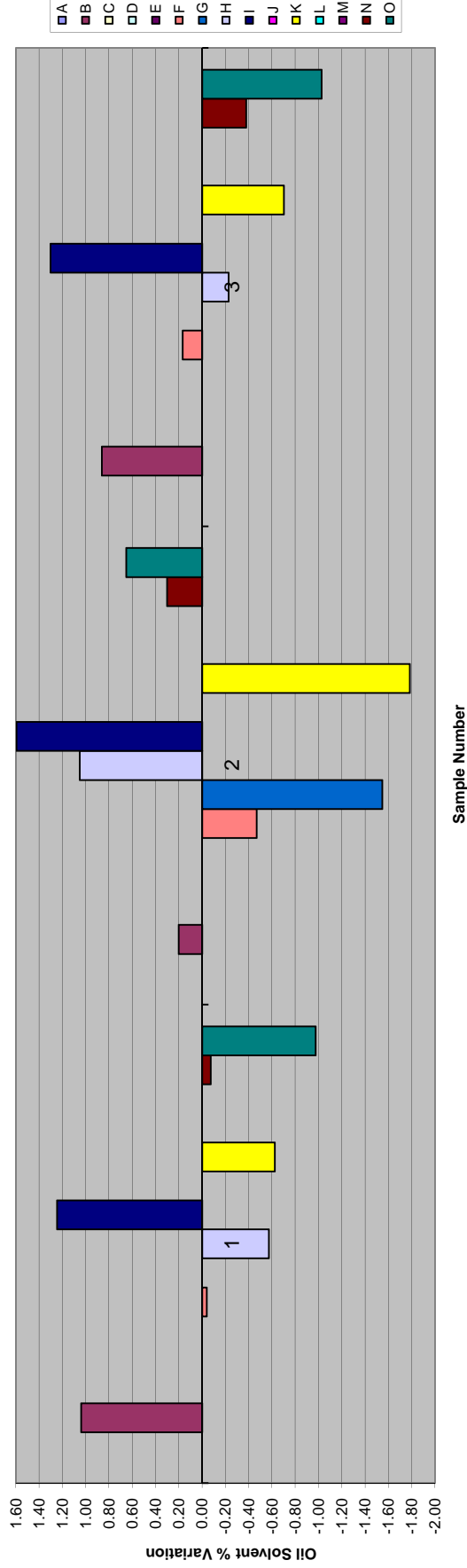
**2008/2009 AOF Test Check Program
Round 7 Summary - June**

Lab	Sample 1		Sample 2		Sample 3		Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean	
A	37.17	1.04	41.00	0.20	39.14	0.86	0.70
B							
C							
D							
E							
F	36.09	-0.04	40.33	-0.47	38.45	0.17	0.23
G			39.25	-1.55			
H	35.55	-0.57	41.85	1.05	38.05	-0.23	0.62
I	37.37	1.25	42.40	1.60	39.58	1.30	1.38
J							
K	35.50	-0.62	39.02	-1.78	37.58	-0.70	1.04
L							
M							
N	36.05	-0.07	41.10	0.30	37.90	-0.38	0.25
O	35.15	-0.97	41.45	0.65	37.25	-1.03	0.88
MEAN	36.12		40.80		38.28		0.73
STDEV	0.85		1.20		0.84		

Oil Solvent % (Clean Seed) Average Absolute Difference



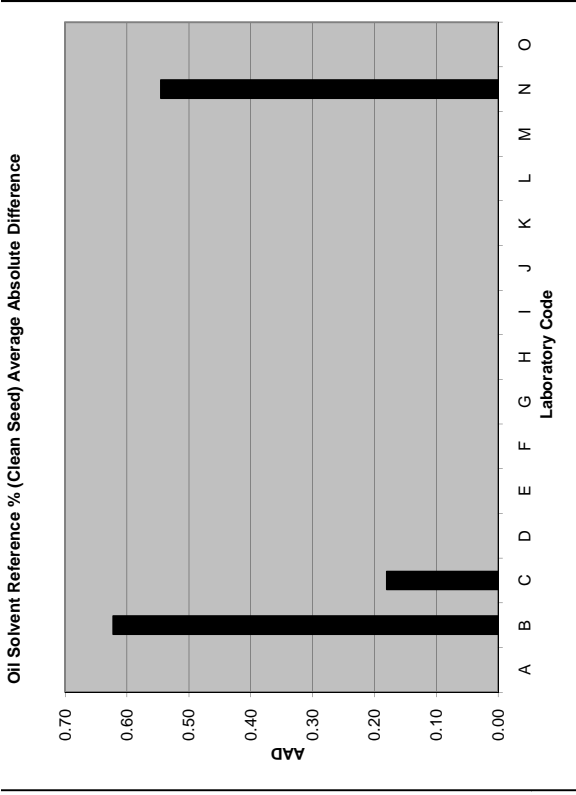
Oil Solvent % (Clean Seed) Deviation from the Mean Result



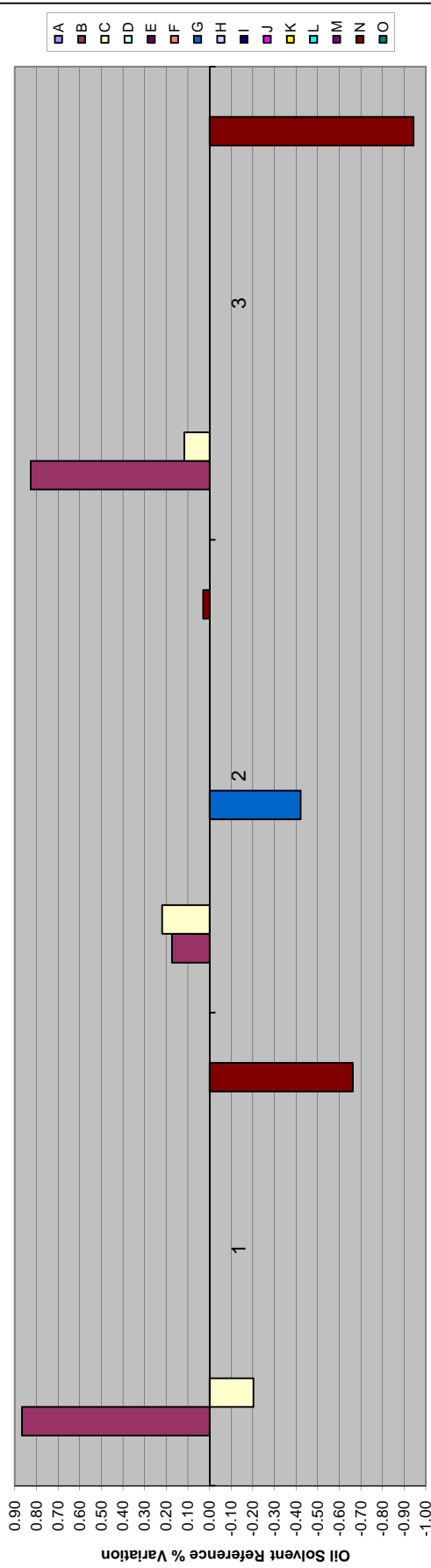
Oil Solvent Reference % (Clean Seed) Deviation from the Mean

**2008/2009 AOF Test Check Program
Round 7 Summary - June**

Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	37.48	0.87	41.25	0.17	39.42	0.83	0.62	0.62
B	36.41	-0.20	41.29	0.22	38.71	0.12	0.04	0.18
C								
D								
E								
F								
G			40.65	-0.42				
H								
I								
J								
K								
L								
M								
N	35.95	-0.66	41.10	0.03	37.65	-0.94	-0.53	0.55
O								
MEAN	36.61		41.07		38.59			0.45
STDEV	0.79		0.29		0.89			



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

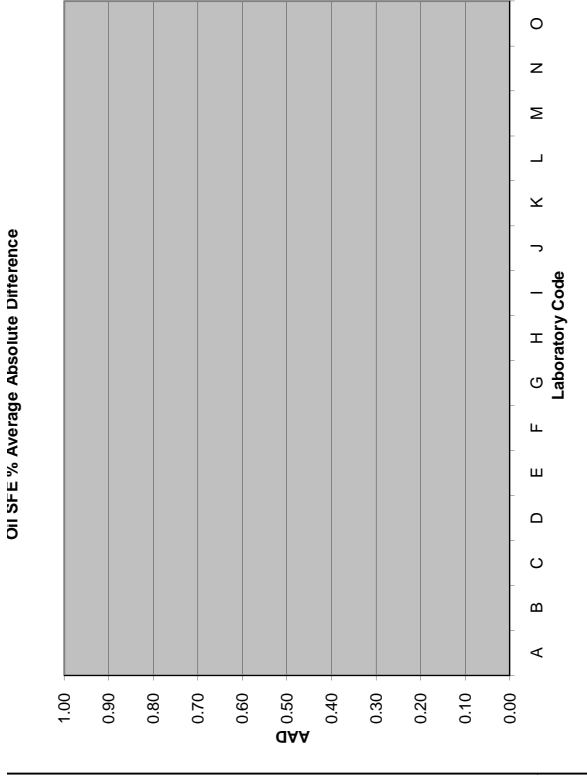


Sample Number

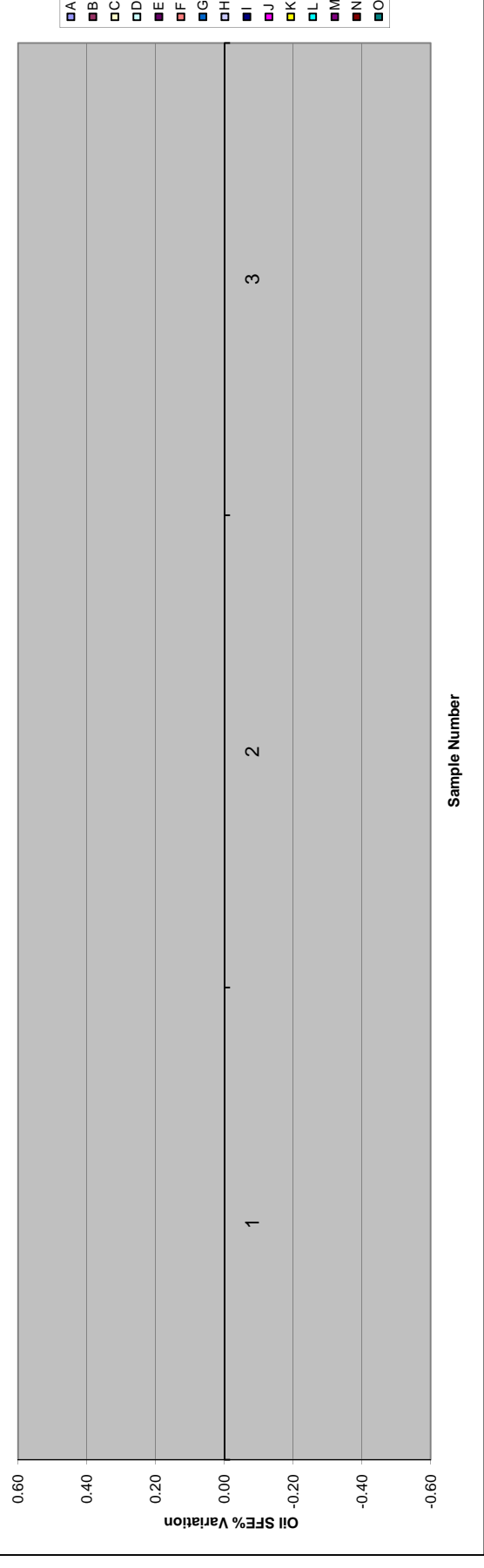
Oil SFE% Deviation from the Mean

**2008/2009 AOF Test Check Program
Round 7 Summary - June**

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!



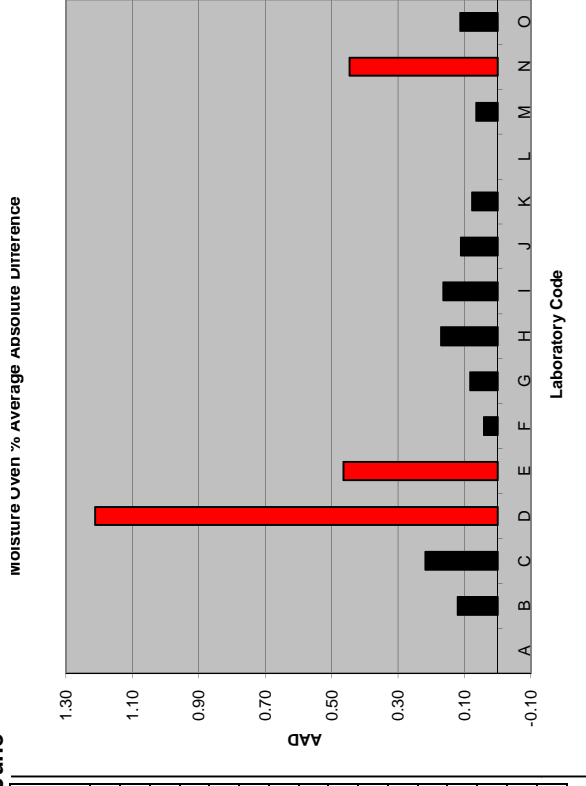
Oil SFE % Deviation from the Mean Result



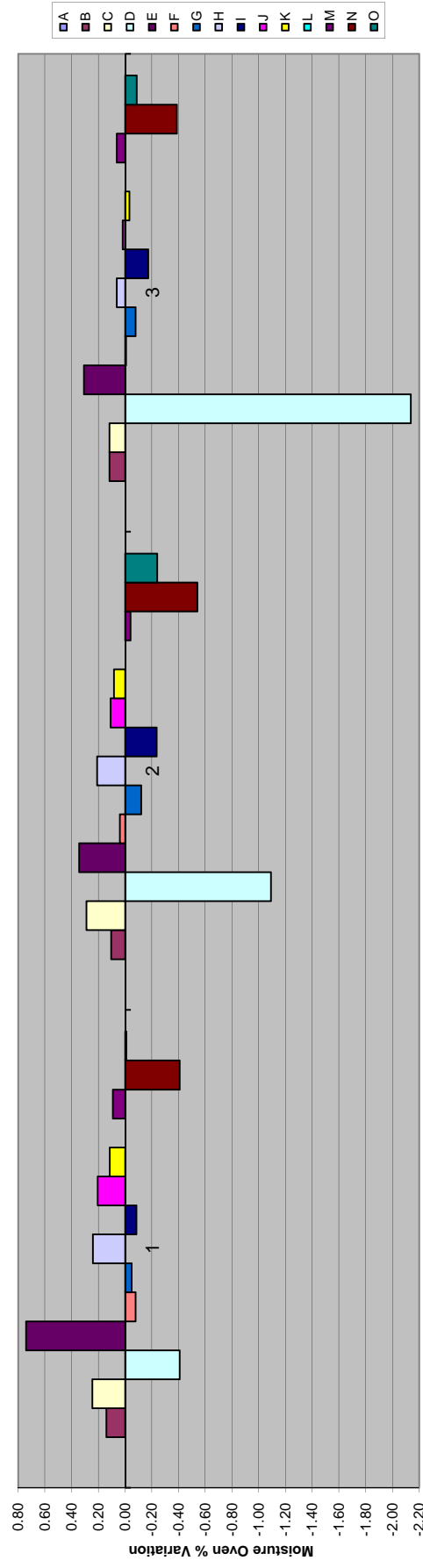
Lab	Sample 1 Result	Sample 1 S1-Mean	Sample 2 Result	Sample 2 S2-Mean	Sample 3 Result	Sample 3 S3-Mean	Mean of Differences	Average Absolute Difference	Oil SFE % Deviation from the Mean Result	Oil SFE % Average Absolute Difference
A										
B										
C										
D										
E										
F									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

**2008/2009 AOF Test Check Program
Round 7 Summary - June**

Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	6.65	0.14	6.50	0.10	6.46	0.12	0.12	0.12
C	6.76	0.25	6.68	0.29	6.46	0.12	0.22	0.22
D	6.10	-0.41	5.30	-1.09	4.20	-2.14	-1.21	1.21
E	7.25	0.74	6.74	0.34	6.65	0.31	0.46	0.46
F	6.43	-0.08	6.43	0.04	6.33	-0.01	-0.02	0.04
G	6.46	-0.05	6.27	-0.12	6.26	-0.08	-0.08	0.08
H	6.75	0.24	6.60	0.21	6.40	0.06	0.17	0.17
I	6.43	-0.08	6.16	-0.24	6.17	-0.17	-0.16	0.16
J	6.72	0.21	6.50	0.11	6.36	0.02	0.11	0.11
K	6.63	0.12	6.48	0.08	6.31	-0.03	0.06	0.08
L								
M	6.60	0.09	6.35	-0.04	6.40	0.06	0.04	0.06
N	6.10	-0.41	5.85	-0.54	5.95	-0.39	-0.45	0.45
O	6.50	-0.01	6.15	-0.24	6.25	-0.09	-0.11	0.11
MEAN	6.51		6.39		6.34			0.25
STDEV	0.22		0.25		0.09			



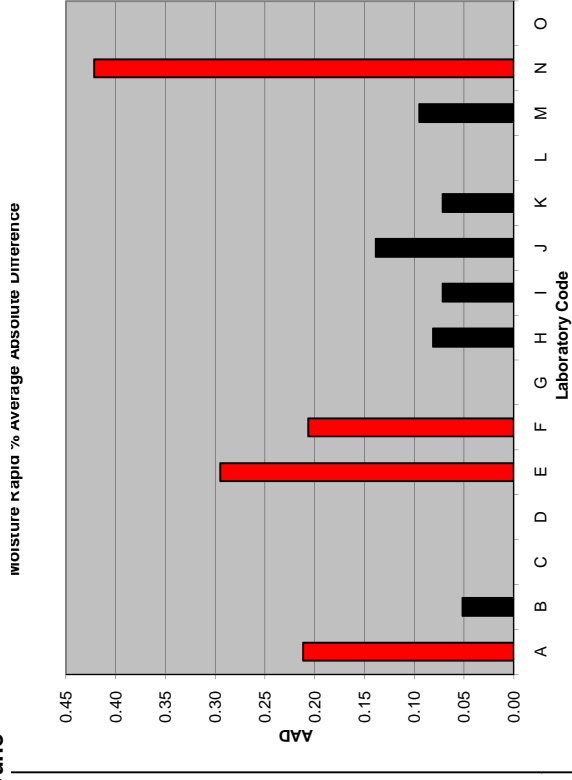
Moisture Oven % Deviation from the Mean Result



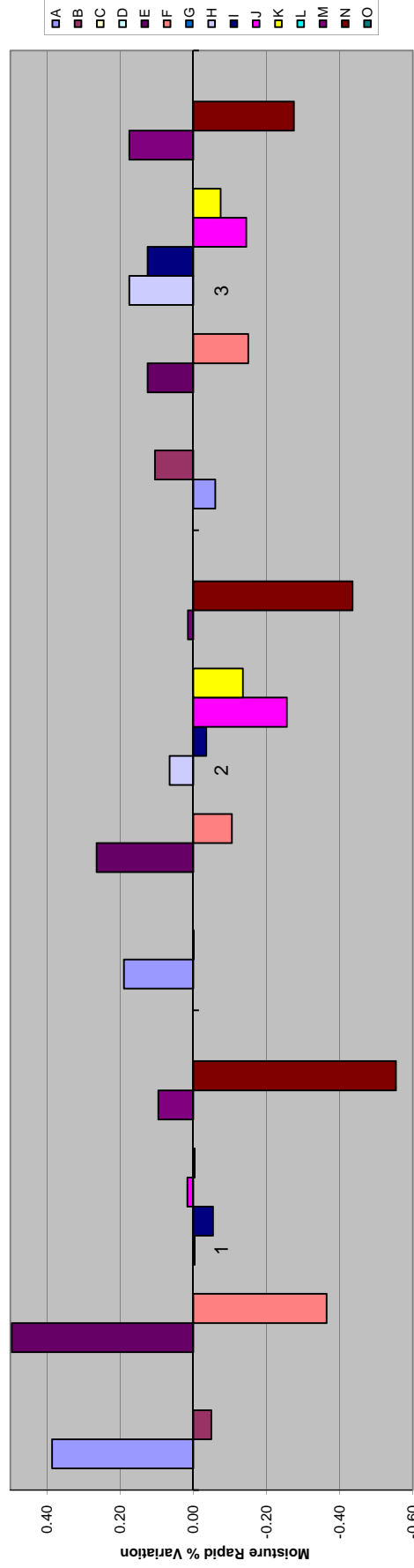
Moisture Rapid % Deviation from the Mean

**2008/2009 AOF Test Check Program
Round 7 Summary - June**

Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	7.09	0.39	6.63	0.19	6.27	-0.06	0.17	0.21
B	6.66	-0.05	6.44	0.00	6.43	0.11	0.02	0.05
C								
D								
E	7.20	0.50	6.70	0.26	6.45	0.13	0.30	0.30
F	6.34	-0.36	6.33	-0.11	6.18	-0.15	-0.21	0.21
G								
H	6.70	0.00	6.50	0.06	6.50	0.18	0.08	0.08
I	6.65	-0.05	6.40	-0.04	6.45	0.13	0.01	0.07
J	6.72	0.02	6.18	-0.26	6.18	-0.15	-0.13	0.14
K	6.70	0.00	6.30	-0.14	6.25	-0.08	-0.07	0.07
L								
M	6.80	0.10	6.45	0.01	6.50	0.18	0.10	0.10
N	6.15	-0.55	6.00	-0.44	6.05	-0.28	-0.42	0.42
O								
MEAN	6.70		6.44		6.33			0.16
STDEV	0.05		0.16		0.16			



Moisture Rapid % Deviation from the Mean Result

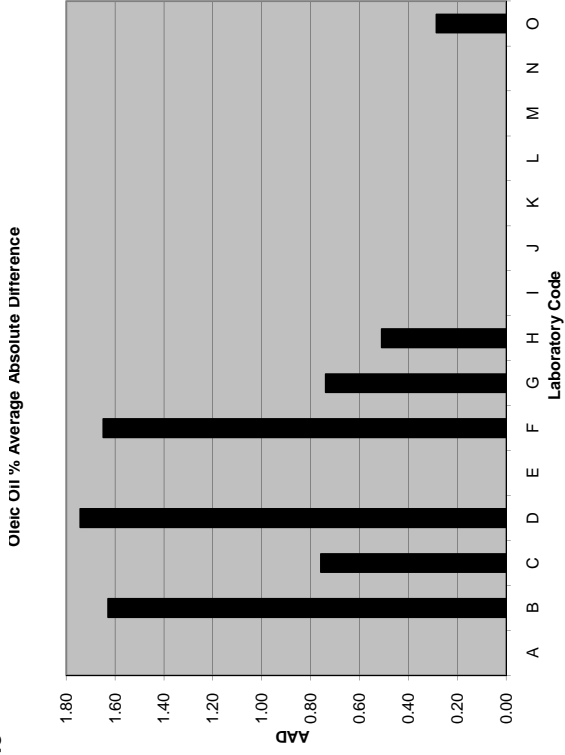


Oleic % Oil Deviation from the Mean

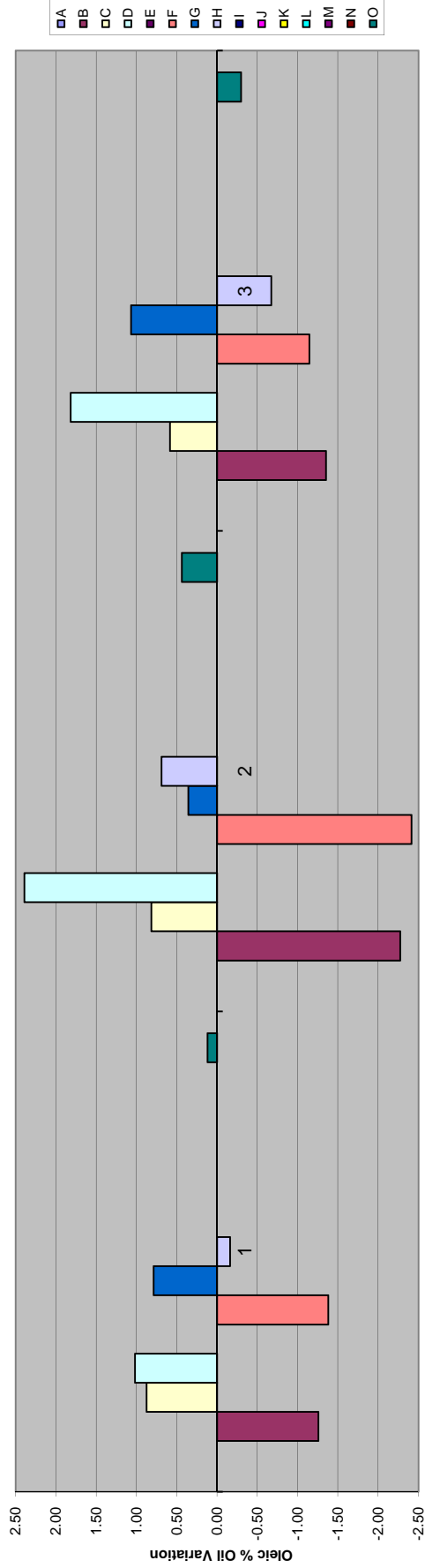
Sample Number

**2008/2009 AOF Test Check Program
Round 7 Summary - June**

Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	58.38	-1.26	55.84	-2.27	59.95	-1.35	-1.63	1.63
B	60.51	0.87	58.93	0.82	61.88	0.58	0.76	0.76
C	60.65	1.02	60.51	2.39	63.12	1.82	1.74	1.74
D								
E								
F	58.25	-1.38	55.70	-2.41	60.15	-1.15	-1.65	1.65
G	60.42	0.79	58.47	0.36	62.37	1.07	0.74	0.74
H	59.47	-0.16	58.81	0.69	60.63	-0.67	-0.05	0.51
I								
J								
K								
L								
M								
N								
O	59.75	0.12	58.55	0.44	61.00	-0.30	0.09	0.28
MEAN	59.63		58.11		61.30			1.04
STDEV	1.00		1.74		1.19			



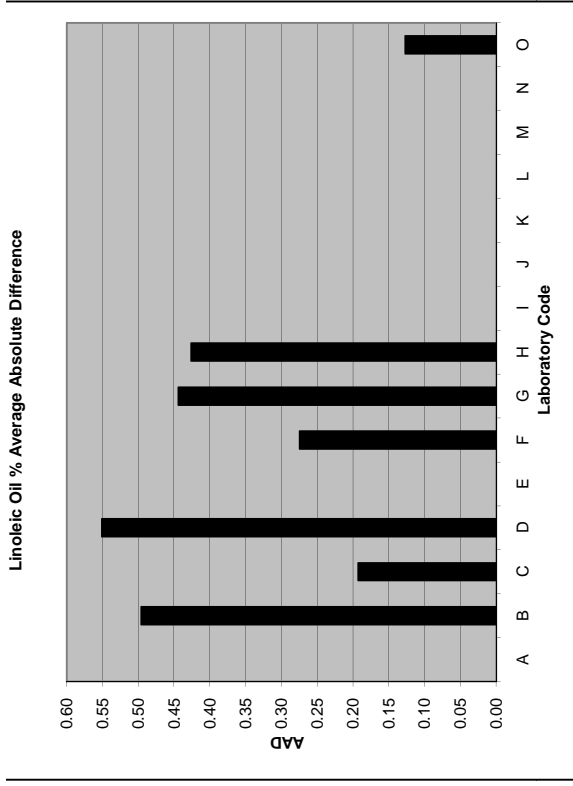
Oleic % Oil Deviation from the Mean Result



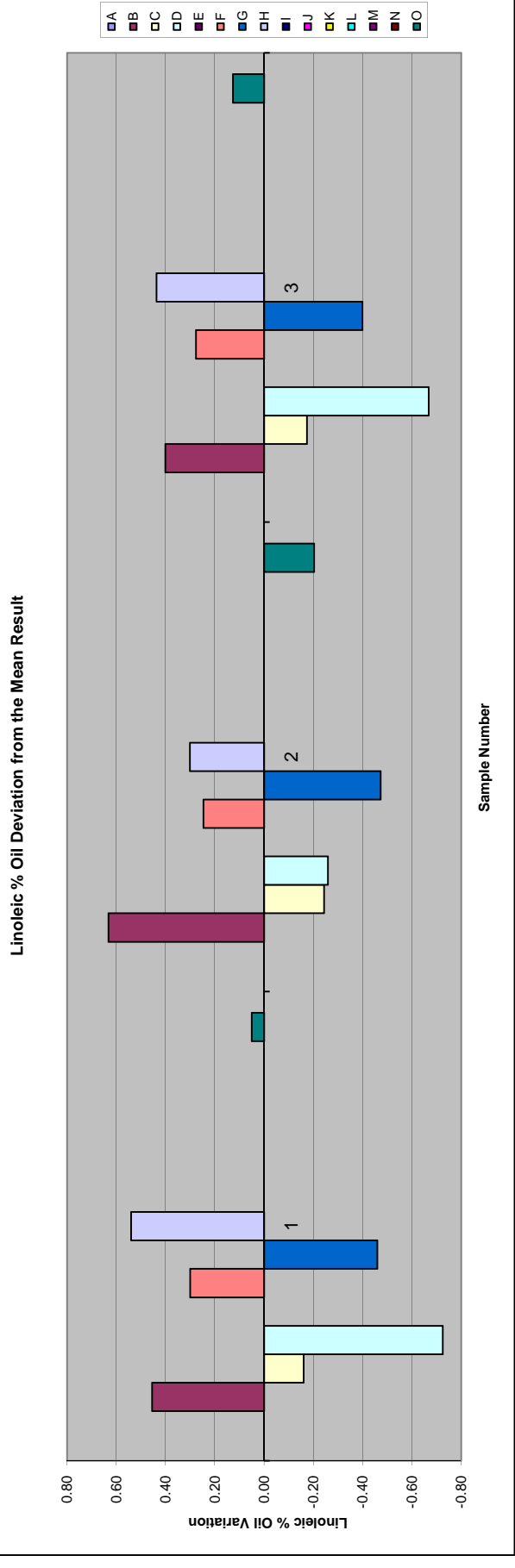
Linoleic % Oil Deviation from the Mean

**2008/2009 AOF Test Check Program
Round 7 Summary - June**

Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	21.11	0.46	22.19	0.63	20.43	0.40	0.50	0.50
B	20.49	-0.16	21.31	-0.24	19.85	-0.17	0.19	0.19
C	19.93	-0.72	21.30	-0.26	19.36	-0.67	0.55	0.55
D								
E	20.95	0.30	21.80	0.25	20.30	0.28	0.27	0.27
F	20.19	-0.46	21.08	-0.47	19.63	-0.40	0.44	0.44
G	21.19	0.54	21.86	0.30	20.46	0.44	0.43	0.43
H								
I								
J								
K								
L								
M								
N								
O	20.70	0.05	21.35	-0.20	20.15	0.13	-0.01	0.13
MEAN	20.65		21.55		20.02			0.36
STDEV	0.48		0.40		0.42			

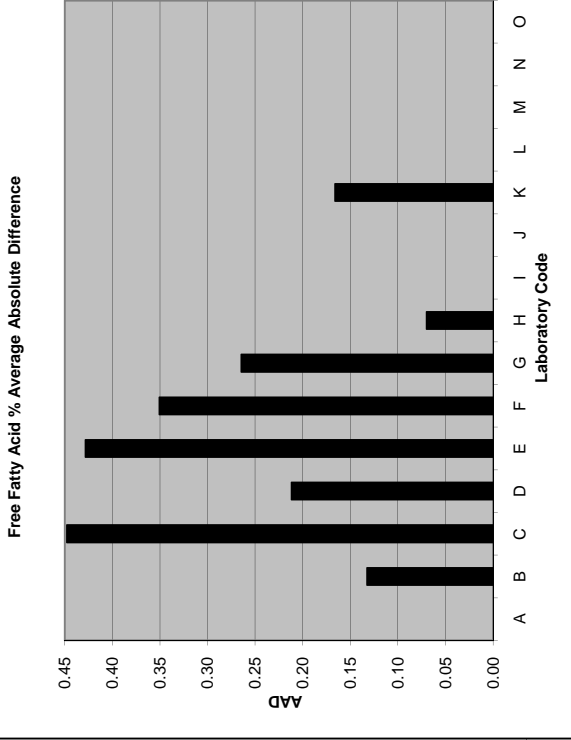


Free Fatty Acid % Oil Deviation from the Mean



**2008/2009 AOF Test Check Program
Round 7 Summary - June**

Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.28	-0.13	0.19	-0.13	0.33	-0.14	-0.13	0.13
B	0.53	0.11	0.49	0.16	0.71	0.24	0.17	0.45
C	0.43	0.01	0.25	-0.07	0.42	-0.05	-0.04	0.21
D	0.55	0.14	0.48	0.16	0.67	0.20	0.16	0.43
E	0.41	-0.01	0.49	0.17	0.52	0.05	0.07	0.35
F	0.42	0.01	0.29	-0.03	0.50	0.03	0.00	0.26
G	0.27	-0.15	0.19	-0.14	0.24	-0.23	-0.17	0.07
H								
I								
J								
K	0.42	0.00	0.22	-0.11	0.36	-0.11	-0.07	0.17
L								
M								
N								
O								
MEAN	0.41		0.32		0.47			0.26
STDEV	0.10		0.14		0.16			



Free Fatty Acid % Oil Deviation from the Mean Result

