



AOF Test Check Program Monthly Report

Round 9

July 2007

6/7/2007 – 3/8/2007

Result Receival Dates

	JULY
Lab Code	Round 9
L	26-Jun-07
B	28-Jun-07
K	29-Jun-07
I	02-Jul-07
M	03-Jul-07
A	04-Jul-07
N	05-Jul-07
E	18-Jul-07
H	18-Jul-07
O	18-Jul-07
F	19-Jul-07
C	30-Jul-07
G	01-Aug-07
J	03-Aug-07
D	NOT YET RECEIVED

*Just a reminder all to get results in promptly

Discussion of Results**Test Weight**

Round 9 saw greater variation between results submitted with a standard deviation of 0.86 compared to 0.56 previously. Labs F, H, I and K submitted significantly further from the mean to submit differences of 0.88, 1.18, -1.22 and -1.04 compared to -0.38, 0.42, -0.28 and -0.12. After producing an outlier recording -2.93 in the previous round, lab N submitted a better result of -0.42. Labs J and M also improved to submit differences of 0.35 and -0.18 compared to 0.58 and -0.68 in round 8.

Impurities

Lab N produced an outlier this round recording 0.86. Note that lab N has submitted significantly high results throughout the year. Noticeable increases from the mean are observed for labs A and F submitting differences of -0.39 and -0.29 compared to 0.17 and 0.07 previously. In contrast, after submitting differences of at least +/- 0.47% from the mean in round 8, labs C, E, G, I, K and M have all improved considerably to submit accurate results within +/- 0.21%. Well done.



AOF Test Check Program Monthly Report

Round 9

July 2007

6/7/2007 – 3/8/2007

Oil Rapid

Round 9 saw lab G produce an outlier recording -1.69. Note that lab G also produced differences of over -1.00% in rounds 7 and 8. Lab K drifted slightly further from the mean to submit -0.45 compared to -0.04 in the previous round. After producing differences of over +/- 1.00% in round 8, labs B, C, H and O improved considerably to submit 0.55, 0.17, -0.95 and -0.05. Note that lab H still continues to submit results significantly lower than the mean. Labs I and J showed noticeable improvement submitting 0.05 and 0.09 compared to 0.66 and 0.75 previously. Lab A recorded a significant difference with a change from -0.77 to 0.60.

Oil Solvent

Labs B, K and L drifted further from the mean to submit differences of 0.86, -1.14 and -1.44. A significant difference is seen for lab C with a change from -1.08 to 0.52. Well done to labs G, I and O who improved considerably to submit accurate results of 0.09 -0.04 and 0.06. Note that a difference of 1.77% and 1.40% separates Oil Rapid and Oil Solvent results for labs G and H.

Oil Solvent (AOCS Method Am 2-93)

Results for round 9 seem more consistent between the three participating labs producing a standard deviation of 0.75 compared to 1.52 in the previous round.

Oil SFE

Only one result recording 39.01% oil from lab J was submitted for Oil SFE. A difference of 1.33 separates results for Oil SFE and Oil Rapid for the lab.

Moisture Oven

Round 9 saw five of the thirteen participating labs generating outliers which were labs C, E, F, J and N. Note that labs C, F and N had produced at least one other outlier during the year for Moisture Oven. More noticeably, Lab N produced an outlier significantly below the mean for the fifth time in a row. All other labs submitted within +/-0.10% from the mean.

**AOF Test Check Program Monthly Report****Round 9****July 2007**6/7/2007 – 3/8/2007

Moisture Rapid

Lab A once again produced an outlier for Moisture Rapid submitting a difference of 0.90. Labs E, F, J and N improved this round to submit at least 0.18% closer to the mean. In contrast, labs H, K and M drifted further from the mean to submit differences of 0.32, -0.48 and -0.28 compared to -0.10, -0.30 and 0.00 in round 8.

Oleic Oil

Lab G unfortunately produced an outlier this round recording 3.24 and was omitted from the mean and standard deviation. Labs F, H and O showed marked improvement to submit differences of -0.36, -0.06 and 0.74 compared to 1.26, -1.14 and 1.26 in the previous round.

Linoleic Oil

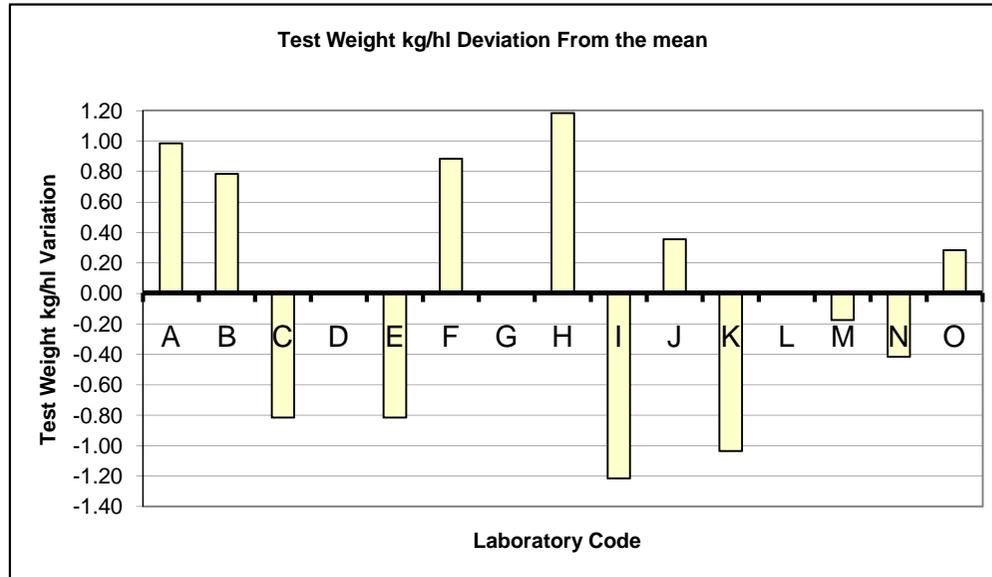
Round 9 saw lab G producing an outlier with a difference of -1.00 from the mean. Note that lab G also produced an outlier for Oleic Oil. Labs B, F, H and L submitted closer to the mean with differences of +/- 0.10 compared to 0.51, -0.40, -0.80 and 0.30 previously.

Free Fatty Acid

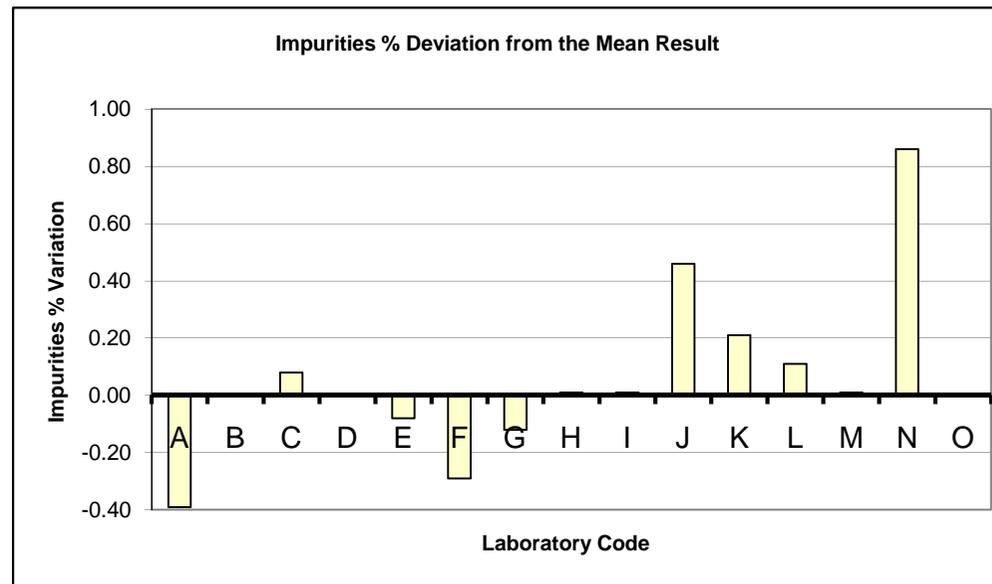
Lab K generated an outlier for Free Fatty Acid and was excluded from the mean and standard deviation. The lab submitted a result with a mean difference of -1.12 which is comparative to the outlier of -0.86 produced in the previous round. Labs B and G showed significant improvement this round and were both able to achieve the mean. Well done.

**AOF Test Check Program JULY 2006/2007
Sample Number 9 Summary**

Test Weight kg/hl		
Lab	Result	Mean
A	67.20	0.98
B	67.00	0.78
C	65.40	-0.82
D		
E	65.40	-0.82
F	67.10	0.88
G		
H	67.40	1.18
I	65.00	-1.22
J	66.57	0.35
K	65.18	-1.04
L		
M	66.04	-0.18
N	65.80	-0.42
O	66.50	0.28
MEAN	66.22	
STDEV	0.86	

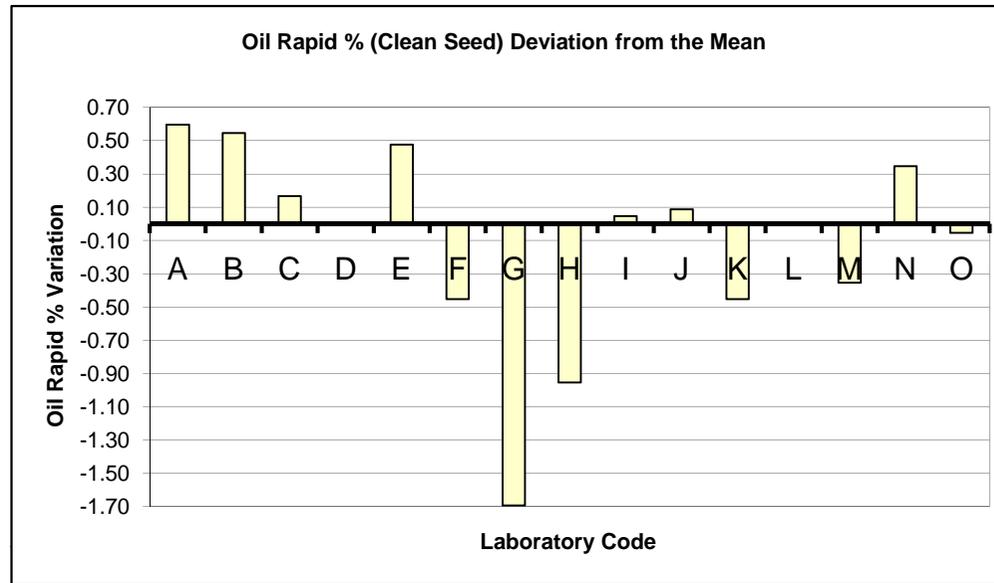


Impurities		
Lab	Result	Mean
A	0.50	-0.39
B		
C	0.97	0.08
D		
E	0.81	-0.08
F	0.60	-0.29
G	0.77	-0.12
H	0.90	0.01
I	0.90	0.01
J	1.35	0.46
K	1.10	0.21
L	1.00	0.11
M	0.90	0.01
N	1.75	0.86
O		
MEAN	0.89	
STDEV	0.33	

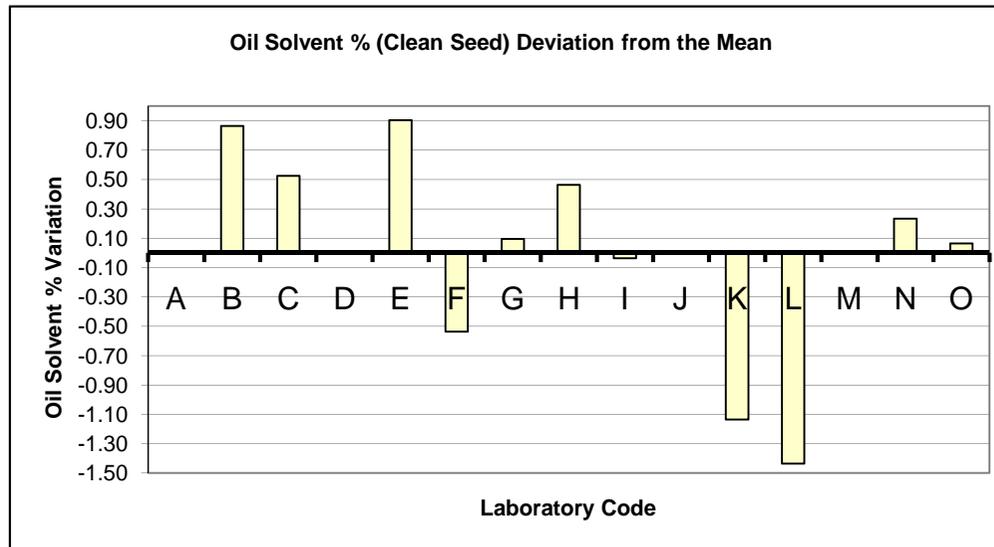


**AOF Test Check Program JULY 2006/2007
Sample Number 9 Summary**

Oil Rapid % (Clean Seed)		
Lab	Result	Mean
A	40.85	0.60
B	40.80	0.55
C	40.42	0.17
D		
E	40.73	0.48
F	39.80	-0.45
G	38.56	-1.69
H	39.30	-0.95
I	40.30	0.05
J	40.34	0.09
K	39.80	-0.45
L		
M	39.90	-0.35
N	40.60	0.35
O	40.20	-0.05
MEAN	40.25	
STDEV	0.48	

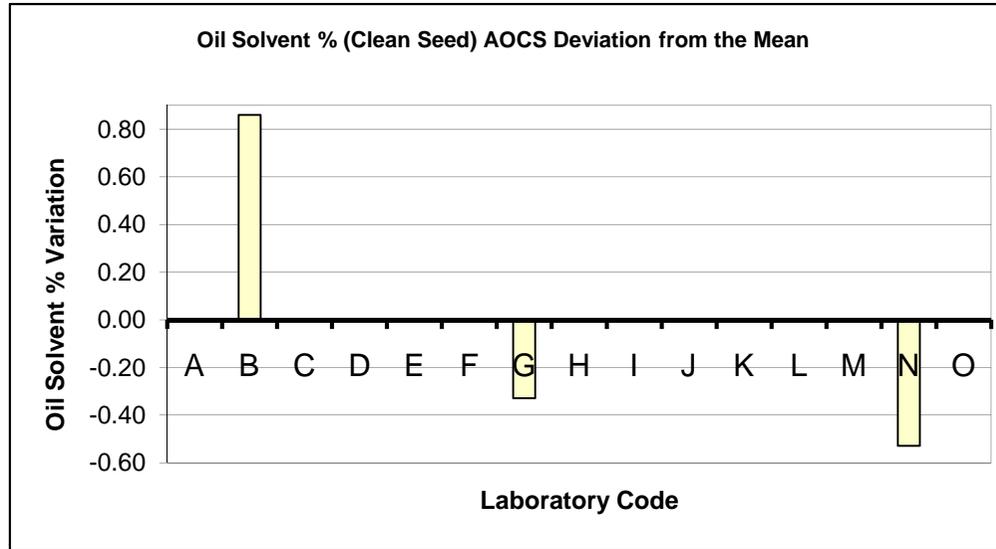


Oil Solvent % (Clean Seed)		
Lab	Result	Mean
A		
B	41.10	0.86
C	40.76	0.52
D		
E	41.14	0.90
F	39.7	-0.54
G	40.33	0.09
H	40.7	0.46
I	40.2	-0.04
J		
K	39.1	-1.14
L	38.80	-1.44
M		
N	40.47	0.23
O	40.30	0.06
MEAN	40.24	
STDEV	0.76	

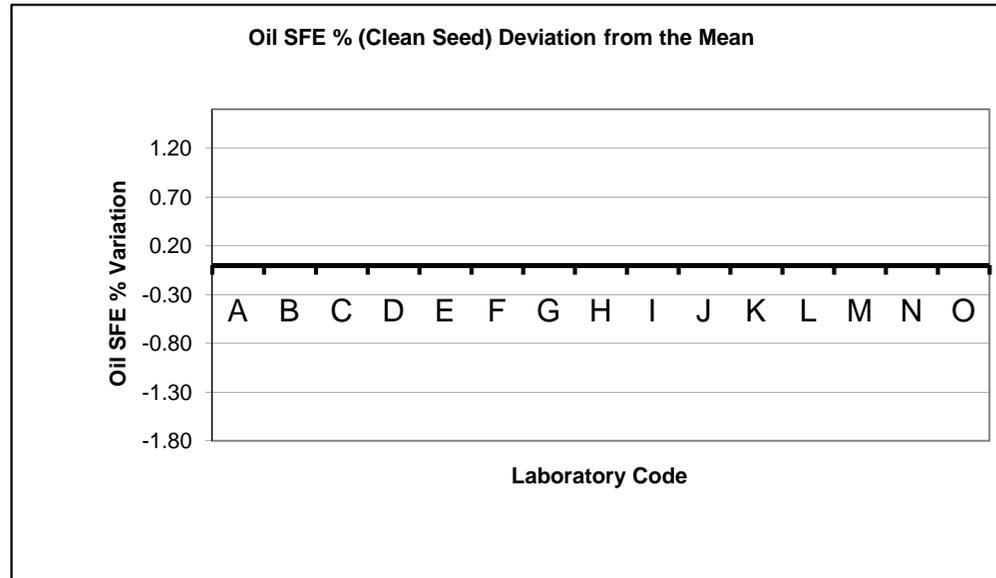


**AOF Test Check Program JULY 2006/2007
Sample Number 9 Summary**

Oil Solvent % (Clean Seed) AOCS		
Lab	Result	Mean
A		
B	41.4	0.86
C		
D		
E		
F		
G	40.21	-0.33
H		
I		
J		
K		
L		
M		
N	40.01	-0.53
O		
MEAN	40.54	
STDEV	0.75	

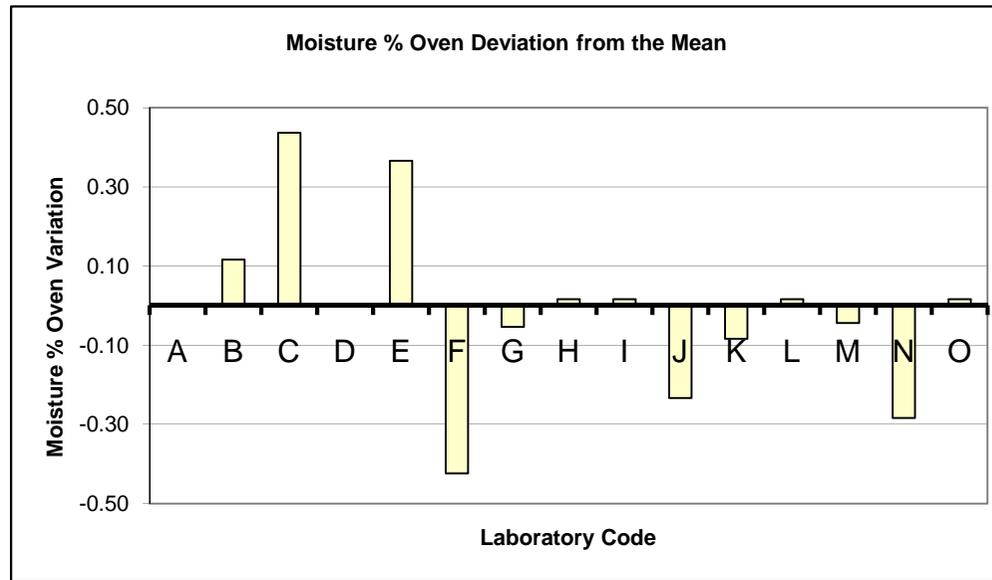


Oil % SFE (Clean Seed)		
Lab	Result	Mean
A		
B		
C		
D		
E		
F		
G		
H		
I		
J	39.01	0.00
K		
L		
M		
N		
O		
MEAN	39.01	
STDEV	#DIV/0!	

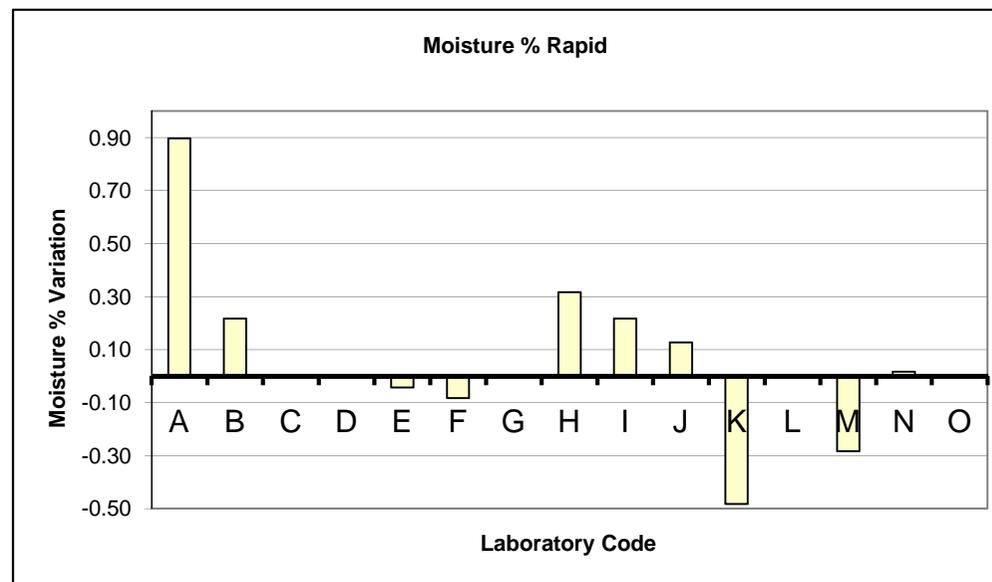


**AOF Test Check Program JULY 2006/2007
Sample Number 9 Summary**

Moisture % Oven		
Lab	Result	Mean
A		
B	5.80	0.12
C	6.12	0.44
D		
E	6.05	0.37
F	5.26	-0.42
G	5.63	-0.05
H	5.70	0.02
I	5.70	0.02
J	5.45	-0.23
K	5.60	-0.08
L	5.70	0.02
M	5.64	-0.04
N	5.40	-0.28
O	5.70	0.02
MEAN	5.68	
STDEV	0.06	

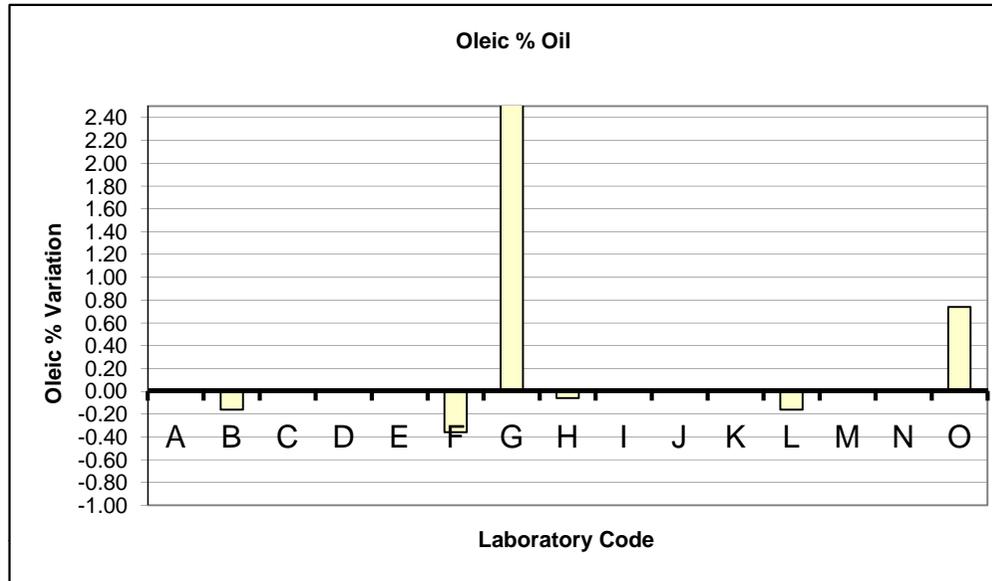


Moisture % Rapid		
Lab	Result	Mean
A	6.58	0.90
B	5.90	0.22
C		
D		
E	5.64	-0.04
F	5.60	-0.08
G		
H	6.00	0.32
I	5.90	0.22
J	5.81	0.13
K	5.20	-0.48
L		
M	5.40	-0.28
N	5.70	0.02
O		
MEAN	5.68	
STDEV	0.26	

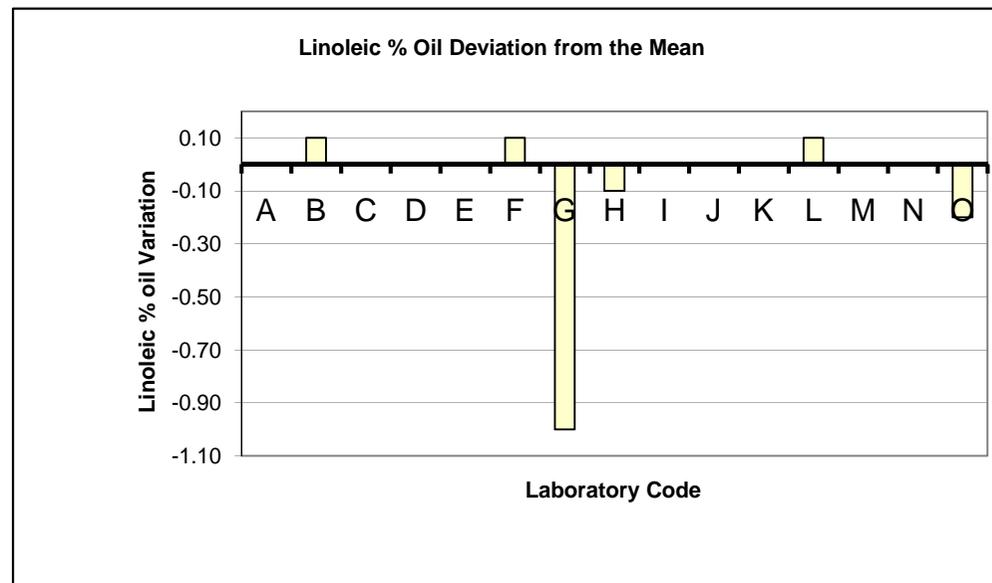


**AOF Test Check Program JULY 2006/2007
Sample Number 9 Summary**

Oleic % Oil		
Lab	Result	Mean
A		
B	59.70	-0.16
C		
D		
E		
F	59.50	-0.36
G	63.10	3.24
H	59.80	-0.06
I		
J		
K		
L	59.70	-0.16
M		
N		
O	60.60	0.74
MEAN	59.86	
STDEV	0.43	



Linoleic % oil		
Lab	Result	Mean
A		
B	20.30	0.10
C		
D		
E		
F	20.30	0.10
G	19.20	-1.00
H	20.10	-0.10
I		
J		
K		
L	20.30	0.10
M		
N		
O	20.00	-0.20
MEAN	20.20	
STDEV	0.14	



**AOF Test Check Program JULY 2006/2007
Sample Number 9 Summary**

Free Fatty Acid % of Oil		
Lab	Result	Mean
A		
B	1.50	0.00
C	1.75	0.25
D		
E	1.78	0.28
F	1.51	0.01
G	1.50	0.00
H	1.09	-0.41
I		
J		
K	0.38	-1.12
L	1.35	-0.15
M		
N		
O		
MEAN	1.50	
STDEV	0.24	

