



07/08 AOF Test Check Program Monthly Report

Round 1

December 2007

12/12/2007 – 9/1/2008

Result Reveal Dates

	DECEMBER
Lab Code	Round 1
M	21/12/07
E	7/1/08
L	7/1/08
K	8/1/08
O	8/1/08
B	9/1/08
D	9/1/08
H	9/1/08
J	9/1/08
N	9/1/08
A	10/1/08
G	10/1/08
C	NOT YET RECEIVED
F	NOT YET RECEIVED
I	NOT YET RECEIVED

*Just a reminder to get results in promptly

Discussion of Results**Test Weight**

Lab A produced an outlier recording 1.05. Note that this lab continues to submit results higher than the mean with an average mean difference of 1.14 recorded in the 06/07 Annual Report. Labs B and O submitted slightly far from the mean with differences of -0.58 and 0.64. All other labs submitted accurate results close to the mean. Well done.

Impurities

Excellent results were received this round with all labs remaining with +/-0.50 from the mean to produce a standard deviation of 0.26. Lab B produced the highest result with a mean difference of 0.46 whilst lab E produced the lowest with a mean difference of -0.38.

Oil Rapid

Lab O produced a considerably low result this round with a mean difference of -1.12. Labs H, K and N submitted significantly far from the mean with differences of -0.62, -0.77 and 0.63. Note that a difference of 0.60 separates duplicate Oil Rapid results for lab H. Lab A also showed a difference of 0.61 between duplicate results but still managed to achieve a fairly accurate mean difference of 0.31.



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Oil Solvent

This round saw fairly high variation between participants to produce a standard deviation of 0.93. Lab B produced the highest result with a mean difference of 1.25 followed by lab E with a mean difference of 1.04. Lab G submitted the lowest result producing a mean difference of -0.99. Note that a difference of 1.99 separates Oil Solvent and Oil Rapid results for lab G.

Oil Solvent (AOCS Method Am 2-93)

Lab G produced an outlier recording a difference of -1.70 and was hence omitted from the mean and standard deviation. Note that lab G submitted Oil results of around 40.0% for both Oil Solvent methods but submitted a significantly higher value of 41.85% for Oil Rapid.

Oil SFE

Only two labs submitted results for Oil SFE this round. Lab B achieved consistent results between all four Oil methods. Well done.

Moisture Oven

Unfortunately labs D and E produced outliers this round with mean differences of -0.77 and 0.56. All other participants produced accurate results remaining within +/-0.20 from the mean.

Moisture Rapid

Labs E and M submitted considerably far from the mean with mean differences of 0.55 and -0.65. Note that lab E produced significantly high results for both Moisture methods suggesting possible moisture contamination. A significant difference of 0.62% also separates Moisture results for lab M.

Oleic Oil

Lab G produced a high result with a mean difference of 1.08 this round. Note that the lab G also began to submit results significantly higher than the mean towards the end of the 06/07 program. Lab L produced the lowest result this round with a mean difference of -0.99.

Linoleic Oil

Excellent results were received this round with all submitted results remaining within +/-0.25 from the mean.



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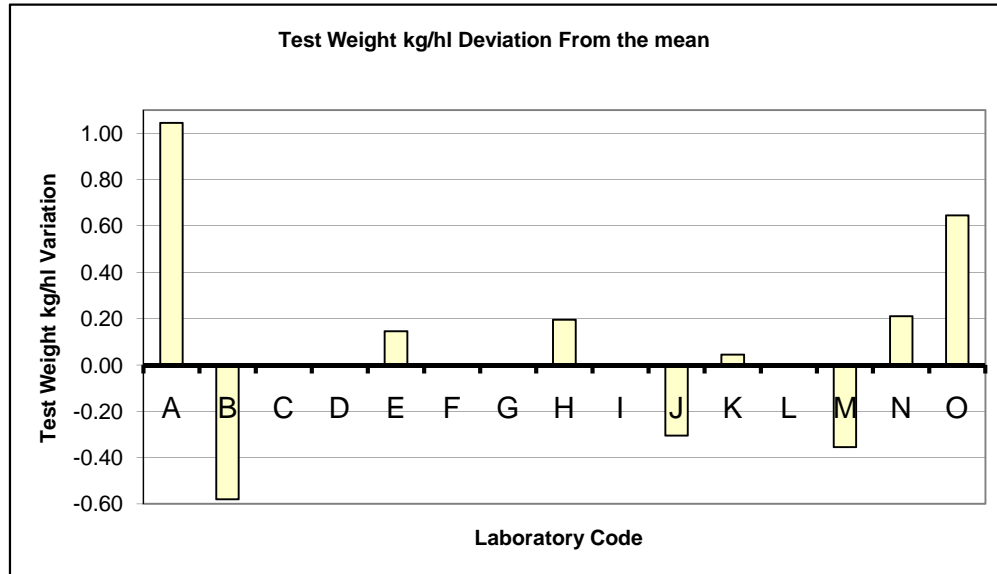
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Free Fatty Acid

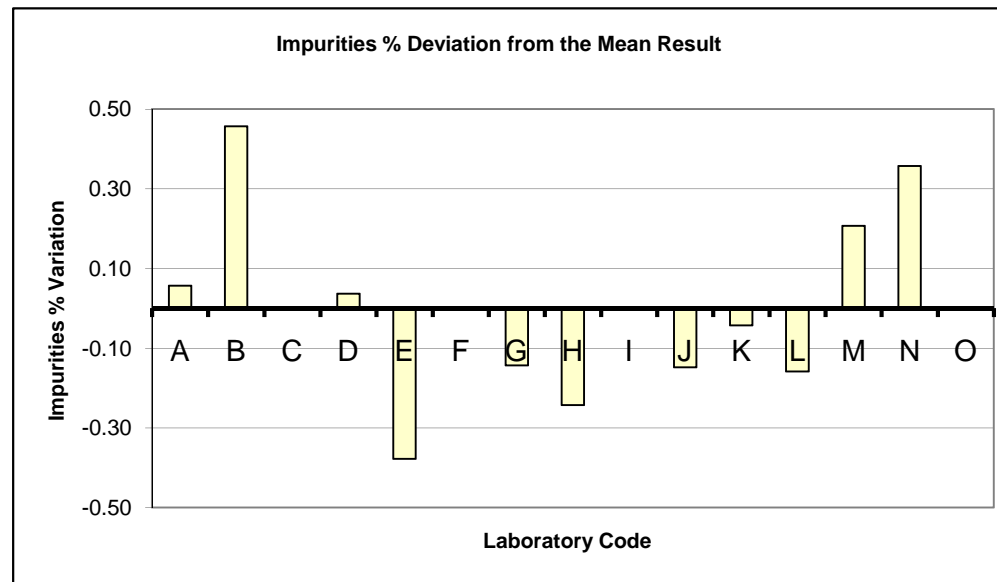
Round 1 saw typical variation between labs to produce a standard deviation of 0.35. Labs G and K submitted on the higher end of the scale with mean differences of 0.48 and 0.37. Labs B and H produced results on the lower end of the scale with mean differences of -0.42 and -0.39.

**AOF Test Check Program DECEMBER 2007/2008
Sample Number 1 Summary**

Test Weight kg/hl		
Lab	Result	Mean
A	69.00	1.05
B	67.38	-0.58
C		
D		
E	68.10	0.14
F		
G		
H	68.15	0.20
I		
J	67.65	-0.30
K	68.00	0.05
L		
M	67.60	-0.36
N	68.17	0.21
O	68.60	0.64
MEAN	67.96	
STDEV	0.39	

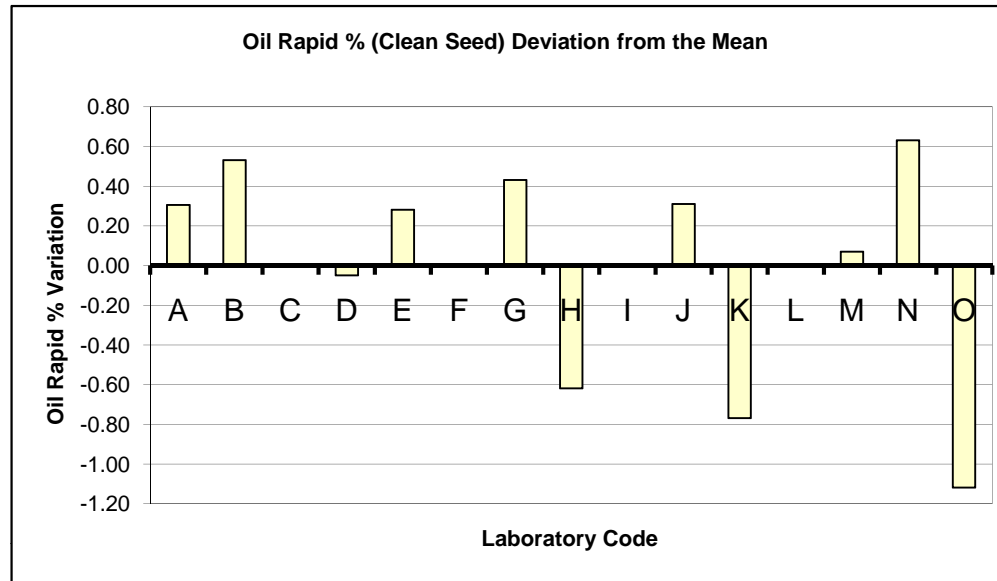


Impurities		
Lab	Result	Mean
A	0.85	0.06
B	1.25	0.46
C		
D	0.83	0.04
E	0.42	-0.38
F		
G	0.65	-0.14
H	0.55	-0.24
I		
J	0.65	-0.15
K	0.75	-0.04
L	0.64	-0.16
M	1.00	0.21
N	1.15	0.36
O		
MEAN	0.79	
STDEV	0.26	

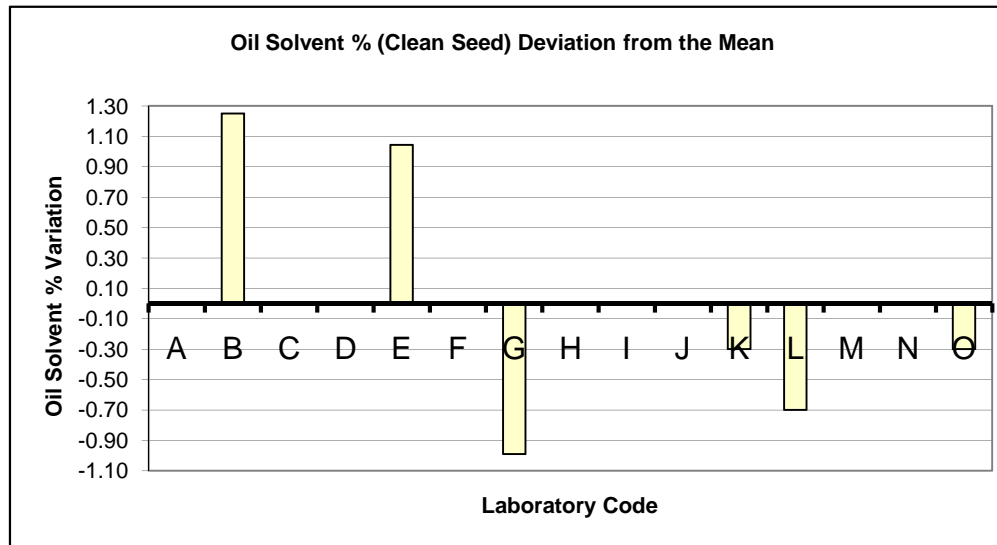


**AOF Test Check Program DECEMBER 2007/2008
Sample Number 1 Summary**

Oil Rapid % (Clean Seed)		
Lab	Result	Mean
A	41.73	0.31
B	41.95	0.53
C		
D	41.37	-0.05
E	41.70	0.28
F		
G	41.85	0.43
H	40.80	-0.62
I		
J	41.73	0.31
K	40.65	-0.77
L		
M	41.49	0.07
N	42.05	0.63
O	40.30	-1.12
MEAN	41.42	
STDEV	0.58	

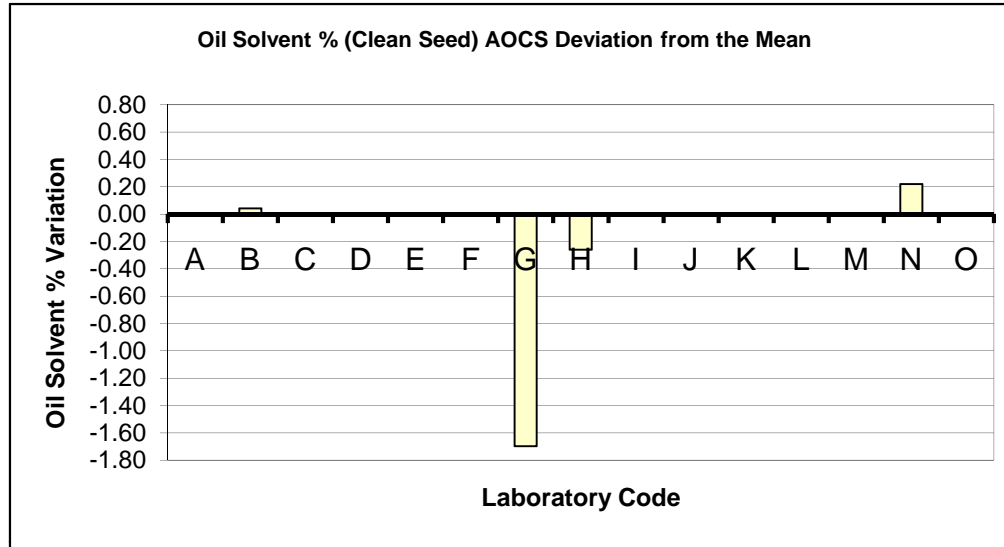


Oil Solvent % (Clean Seed)		
Lab	Result	Mean
A		
B	42.10	1.25
C		
D		
E	41.90	1.04
F		
G	39.86	-0.99
H		
I		
J		
K	40.55	-0.30
L	40.15	-0.70
M		
N		
O	40.55	-0.30
MEAN	40.85	
STDEV	0.93	

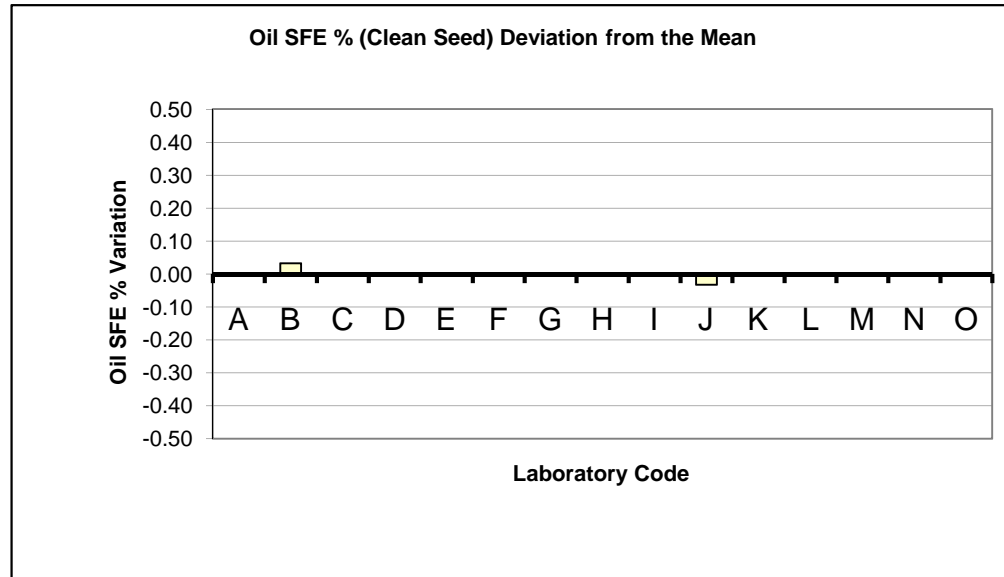


**AOF Test Check Program DECEMBER 2007/2008
Sample Number 1 Summary**

Oil Solvent % (Clean Seed) AOCS		
Lab	Result	Mean
A		
B	41.70	0.04
C		
D		
E		
F		
G	39.96	-1.70
H	41.40	-0.26
I		
J		
K		
L		
M		
N	41.88	0.22
O		
MEAN	41.66	
STDEV	0.24	

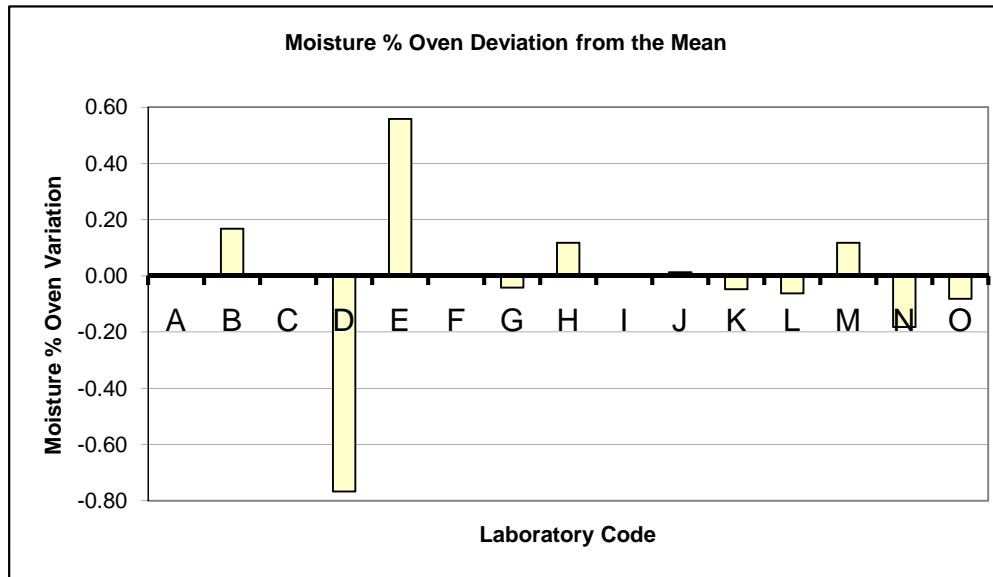


Oil % SFE (Clean Seed)		
Lab	Result	Mean
A		
B	41.70	0.03
C		
D		
E		
F		
G		
H		
I		
J	41.64	-0.03
K		
L		
M		
N		
O		
MEAN	41.67	
STDEV	0.05	

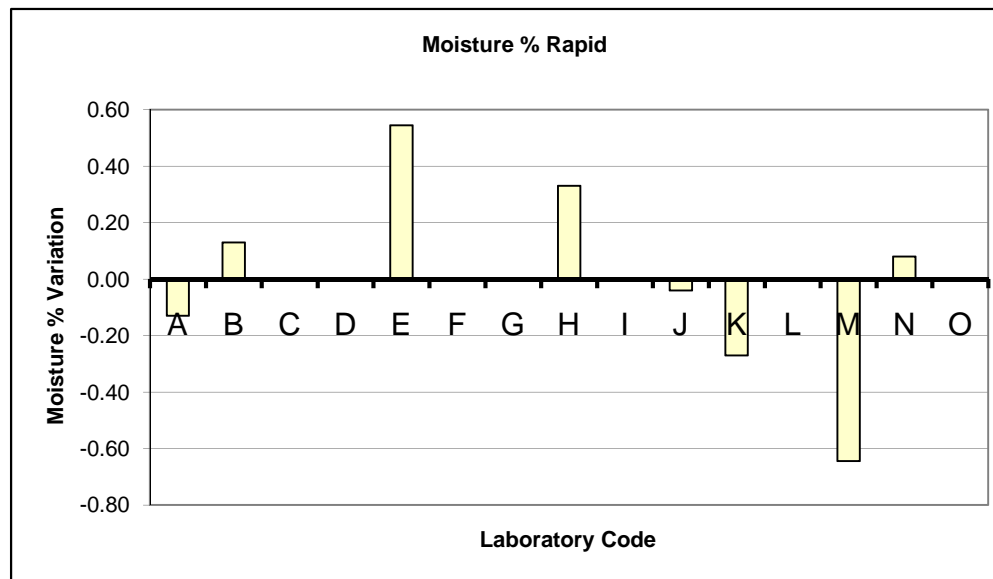


**AOF Test Check Program DECEMBER 2007/2008
Sample Number 1 Summary**

Moisture % Oven		
Lab	Result	Mean
A		
B	5.25	0.17
C		
D	4.32	-0.77
E	5.64	0.56
F		
G	5.04	-0.04
H	5.20	0.12
I		
J	5.10	0.01
K	5.04	-0.05
L	5.02	-0.06
M	5.20	0.12
N	4.90	-0.18
O	5.00	-0.08
MEAN	5.08	
STDEV	0.11	

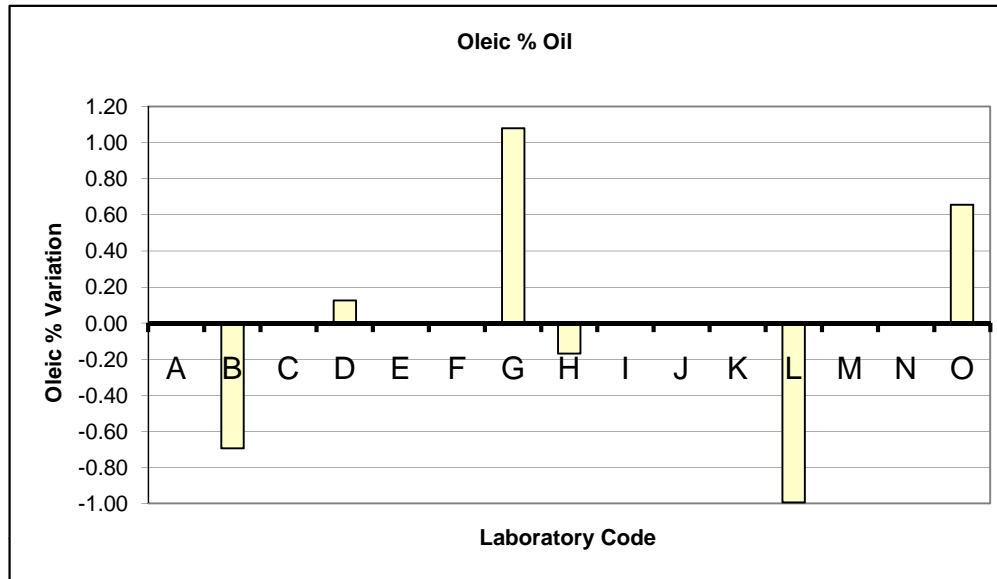


Moisture % Rapid		
Lab	Result	Mean
A	5.09	-0.13
B	5.35	0.13
C		
D		
E	5.77	0.55
F		
G		
H	5.55	0.33
I		
J	5.18	-0.04
K	4.95	-0.27
L		
M	4.58	-0.65
N	5.30	0.08
O		
MEAN	5.22	
STDEV	0.37	

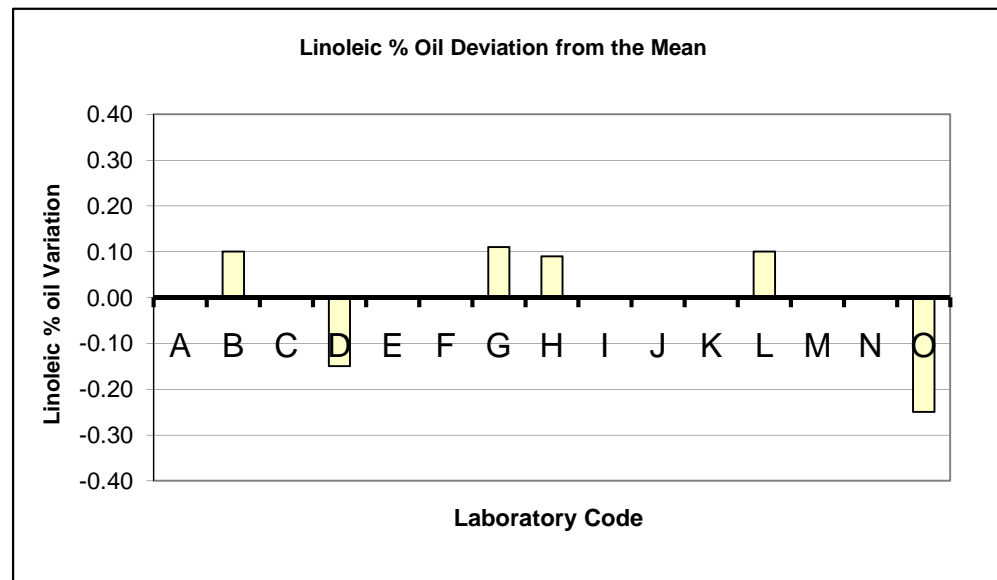


**AOF Test Check Program DECEMBER 2007/2008
Sample Number 1 Summary**

Oleic % Oil		
Lab	Result	Mean
A		
B	61.10	-0.70
C		
D	61.92	0.13
E		
F		
G	62.88	1.08
H	61.63	-0.17
I		
J		
K		
L	60.80	-0.99
M		
N		
O	62.45	0.66
MEAN	61.80	
STDEV	0.79	



Linoleic % oil		
Lab	Result	Mean
A		
B	19.50	0.10
C		
D	19.25	-0.15
E		
F		
G	19.51	0.11
H	19.49	0.09
I		
J		
K		
L	19.50	0.10
M		
N		
O	19.15	-0.25
MEAN	19.40	
STDEV	0.16	



**AOF Test Check Program DECEMBER 2007/2008
Sample Number 1 Summary**

Free Fatty Acid % of Oil		
Lab	Result	Mean
A		
B	0.14	-0.42
C		
D	0.38	-0.18
E	0.64	0.08
F		
G	1.05	0.48
H	0.17	-0.39
I		
J		
K	0.93	0.37
L	0.65	0.08
M		
N		
O		
MEAN	0.56	
STDEV	0.35	

