



## 07/08 AOF Test Check Program Monthly Report

Round 6

MAY 2008

1/5/2008 – 30/5/2008

Result Reveal Dates

	MAY
Lab Code	
I	01-May-08
K	01-May-08
F	06-May-08
M	06-May-08
A	12-May-08
E	13-May-08
H	14-May-08
G	16-May-08
L	19-May-08
D	29-May-08
B	30-May-08
J	30-May-08
O	30-May-08
C	NOT RECEIVED
N	NOT RECEIVED

\*Just a reminder to get results in promptly

Discussion of Results**Test Weight**

Lab D produced an exceedingly high test weight result of 120.55 kg/hl which was excluded from the mean and standard deviation. Lab F also produced an outlier with a mean difference of -3.61. Lab A submitted on the higher end of the scale with a mean difference of 1.64.

**Impurities**

Good results were received this round with most labs submitting reasonably close to the mean. Lab J submitted the highest result with a mean difference of 0.52. The lowest result was from lab G with a mean difference of -0.39.

**Oil Rapid**

Lab O continues to submit on the lower end of the scale for Oil Rapid producing a mean difference of -1.19. Similarly, lab A again produced the highest result recording a mean difference of 0.84. Lab F submitted a more accurate result with a difference of -0.04 compared to -0.94 in the previous round.



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### ***Oil Solvent***

Outliers were produced by labs E and F recording differences of 1.54 and -1.79. Note that a significant difference of 3.03 separates Oil Solvent and Oil Rapid result for lab F. Lab G submitted on the lower side with a mean difference of -0.88. Excellent results were received from the remaining participants with differences within +/-0.30 from the mean.

### ***Oil Solvent (AOCS Method Am 2-93)***

After producing an outlier in the previous round of -1.87, lab G achieved a more accurate result this round with a mean difference of -0.54.

### ***Oil SFE***

Only lab J submitted results for Oil SFE this round. Note that a significant difference of 2.38 separates Oil SFE and Oil Rapid results for the lab.

### ***Moisture Oven***

Lab K produced an outlier this round recording a mean difference of -0.72 and was omitted from the mean and standard deviation. Labs D and L also submitted slightly far from the mean with differences of -0.41 and 0.41.

### ***Moisture Rapid***

In general, reasonably good results were received this round with all participants submitting within +/-0.50 from the mean.

### ***Oleic Oil***

An outlier recording a difference of 3.09 was produced by lab D. After producing outliers of -41.11 and -4.31 in the previous round, labs B and L achieved good results with differences of -0.11 and -0.42.

### ***Linoleic Oil***

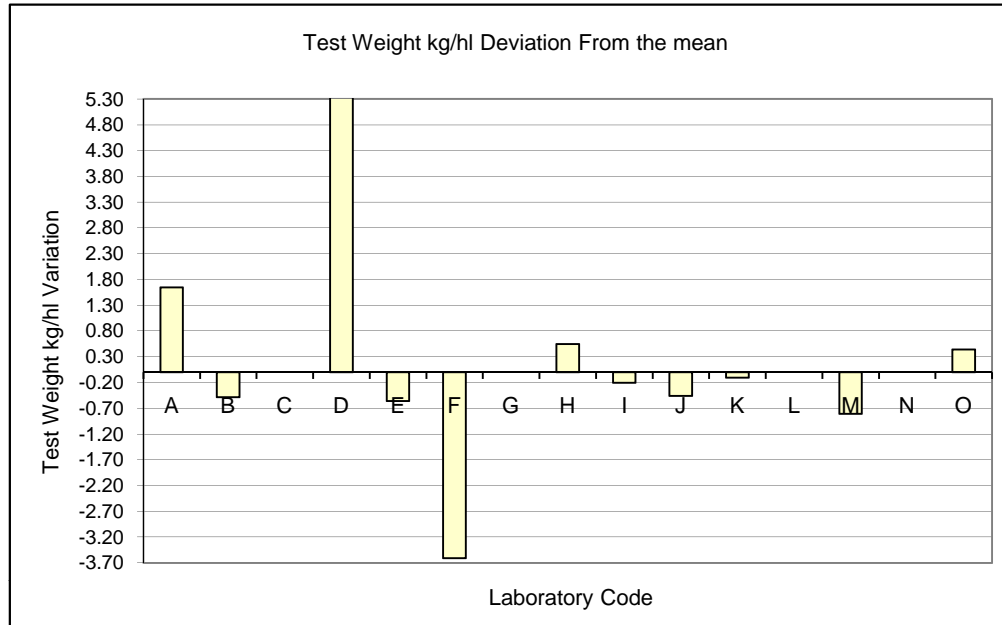
Similarly with Oleic Oil, lab D produced an outlier for Linoleic Oil submitting a mean difference of -2.81. Lab B submitted a better mean difference of 0.40 this round compared to -7.90 in the previous round.

### ***Free Fatty Acid***

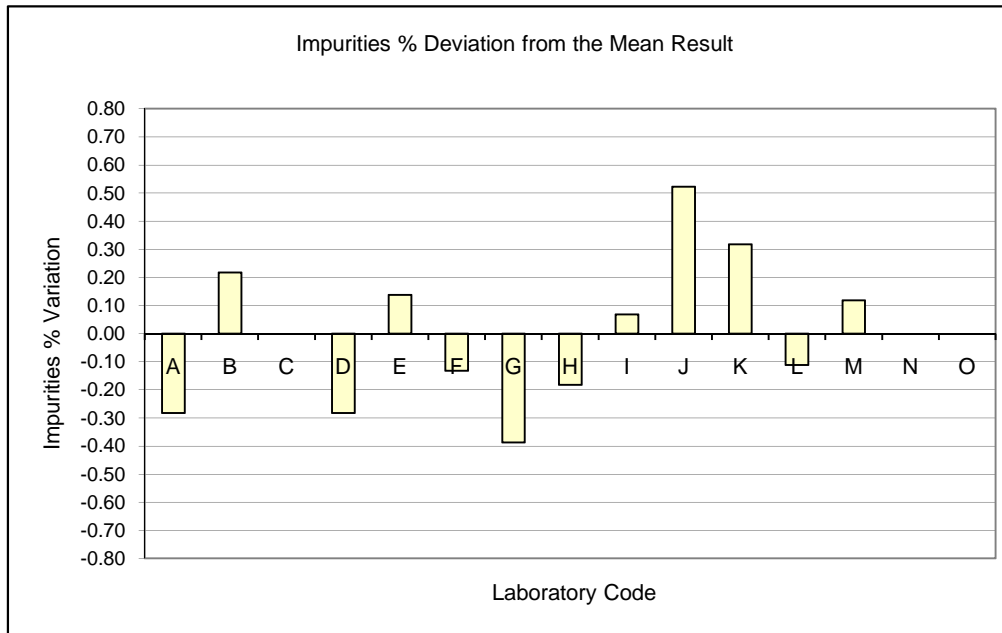
Lab G produced a slightly high result with a mean difference of 0.69. All others remained within +/-0.50 from the mean.

**AOF Test Check Program MAY 2007/2008  
Sample Number 6 Summary**

Test Weight kg/hl		
Lab	Result	Mean
A	69.50	1.64
B	67.38	-0.48
C		
D	120.55	52.69
E	67.30	-0.56
F	64.25	-3.61
G		
H	68.40	0.54
I	67.65	-0.21
J	67.40	-0.46
K	67.75	-0.11
L		
M	67.05	-0.81
N		
O	68.30	0.44
<b>MEAN</b>	<b>67.86</b>	
<b>STDEV</b>	<b>0.76</b>	

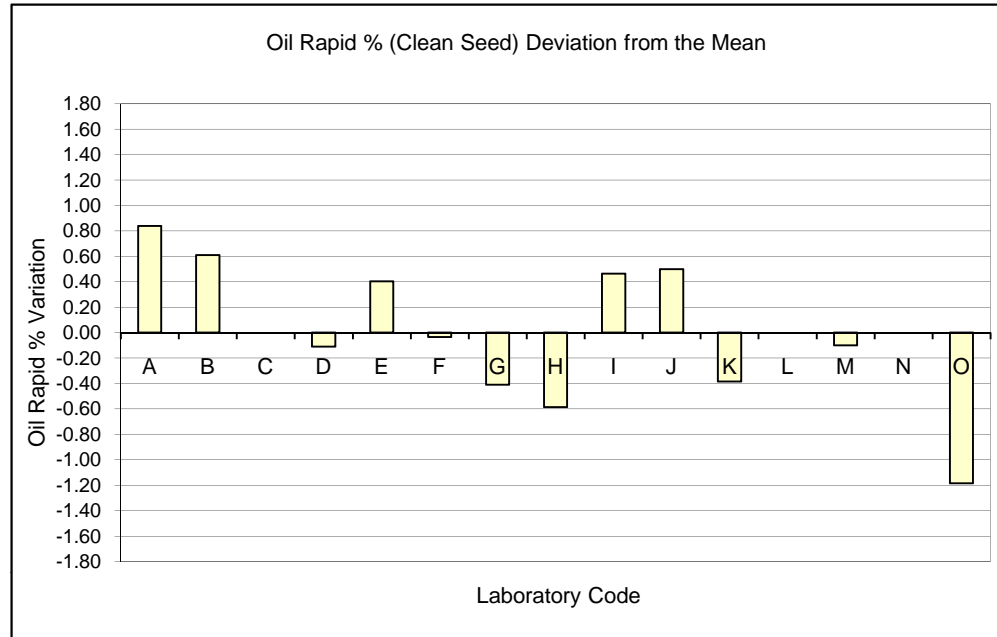


Impurities		
Lab	Result	Mean
A	0.20	-0.28
B	0.70	0.22
C		
D	0.20	-0.28
E	0.62	0.14
F	0.35	-0.13
G	0.10	-0.39
H	0.30	-0.18
I	0.55	0.07
J	1.01	0.52
K	0.80	0.32
L	0.37	-0.11
M	0.60	0.12
N		
O		
<b>MEAN</b>	<b>0.48</b>	
<b>STDEV</b>	<b>0.27</b>	

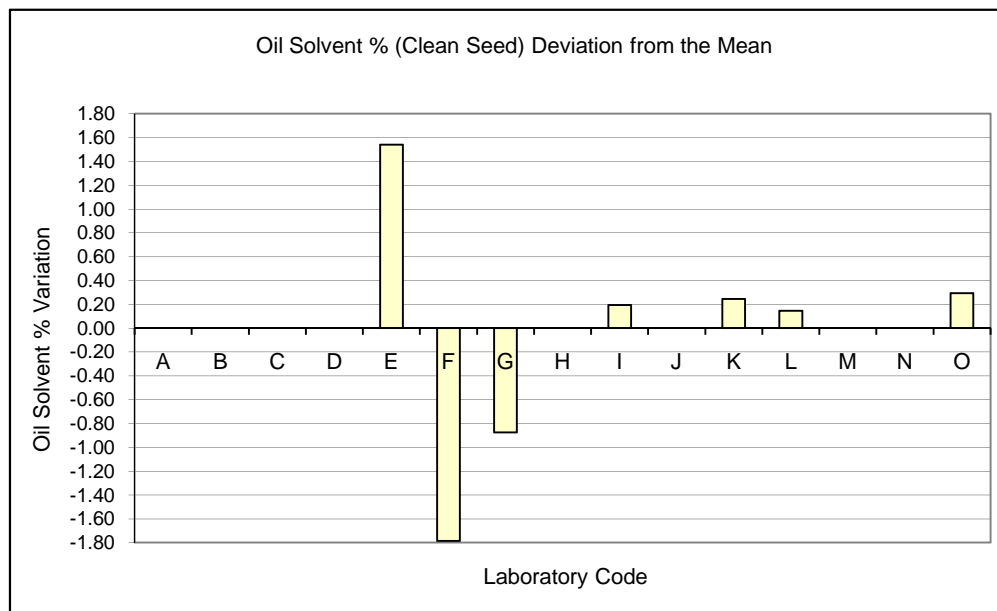


**AOF Test Check Program MAY 2007/2008  
Sample Number 6 Summary**

Oil Rapid % (Clean Seed)		
Lab	Result	Mean
A	43.43	0.84
B	43.20	0.61
C		
D	42.48	-0.11
E	42.99	0.40
F	42.55	-0.04
G	42.18	-0.41
H	42.00	-0.59
I	43.05	0.46
J	43.09	0.50
K	42.20	-0.39
L		
M	42.49	-0.10
N		
O	41.40	-1.19
<b>MEAN</b>	<b>42.59</b>	
<b>STDEV</b>	<b>0.59</b>	

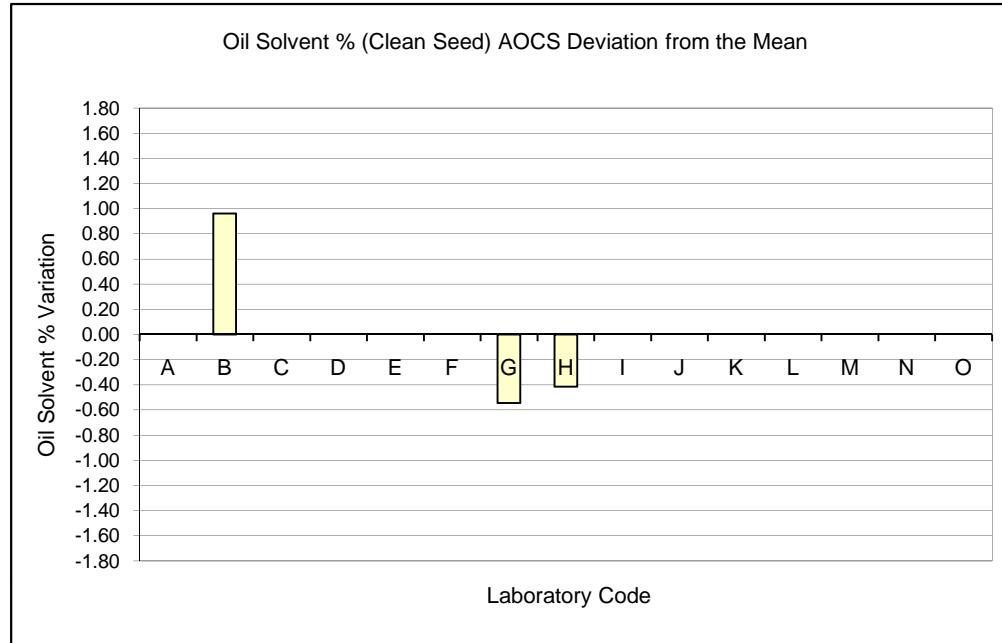


Oil Solvent % (Clean Seed)		
Lab	Result	Mean
A		
B		
C		
D		
E	42.85	1.54
F	39.52	-1.79
G	40.43	-0.88
H		
I	41.50	0.19
J		
K	41.55	0.24
L	41.45	0.14
M		
N		
O	41.60	0.29
<b>MEAN</b>	<b>41.31</b>	
<b>STDEV</b>	<b>0.49</b>	

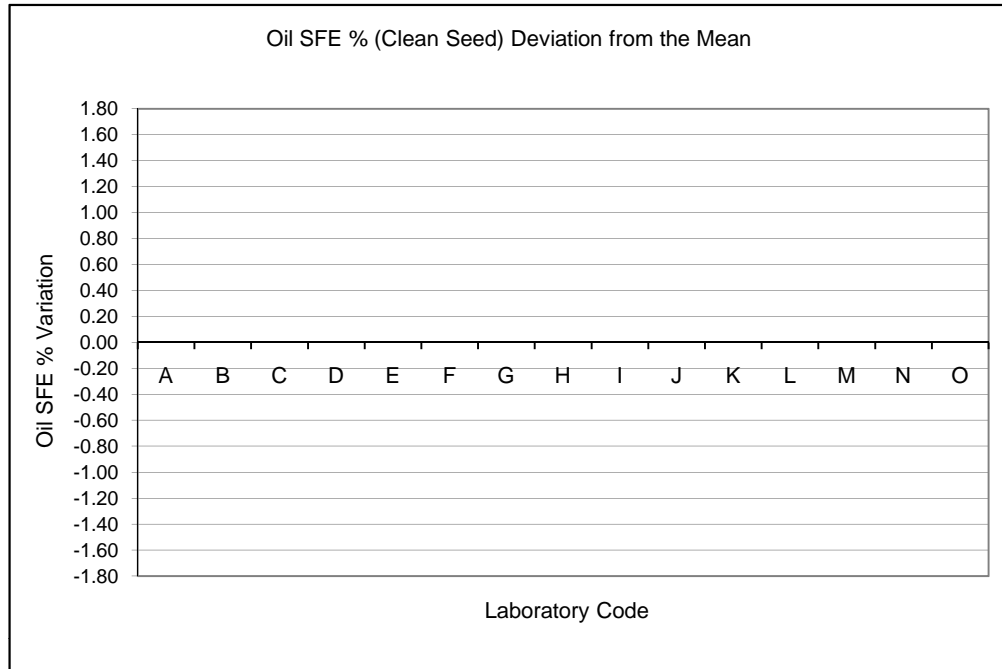


**AOF Test Check Program MAY 2007/2008  
Sample Number 6 Summary**

Oil Solvent % (Clean Seed) AOCS		
Lab	Result	Mean
A		
B	43.38	0.96
C		
D		
E		
F		
G	41.87	-0.54
H	42.00	-0.41
I		
J		
K		
L		
M		
N		
O		
<b>MEAN</b>	42.42	
<b>STDEV</b>	0.83	

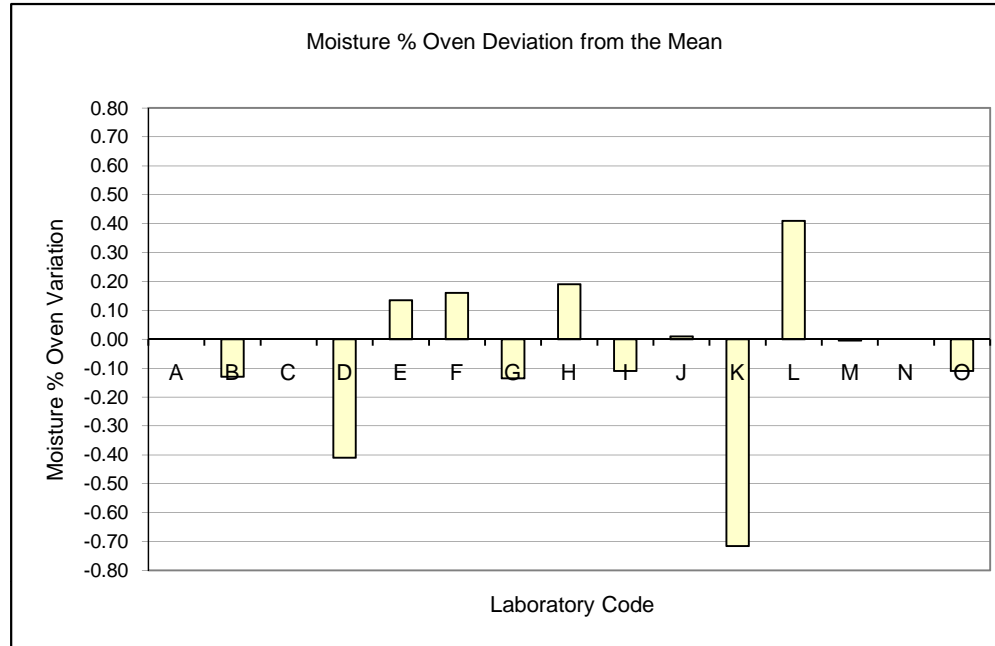


Oil % SFE (Clean Seed)		
Lab	Result	Mean
A		
B		
C		
D		
E		
F		
G		
H		
I		
J	40.71	0.00
K		
L		
M		
N		
O		
<b>MEAN</b>	40.71	
<b>STDEV</b>	#DIV/0!	

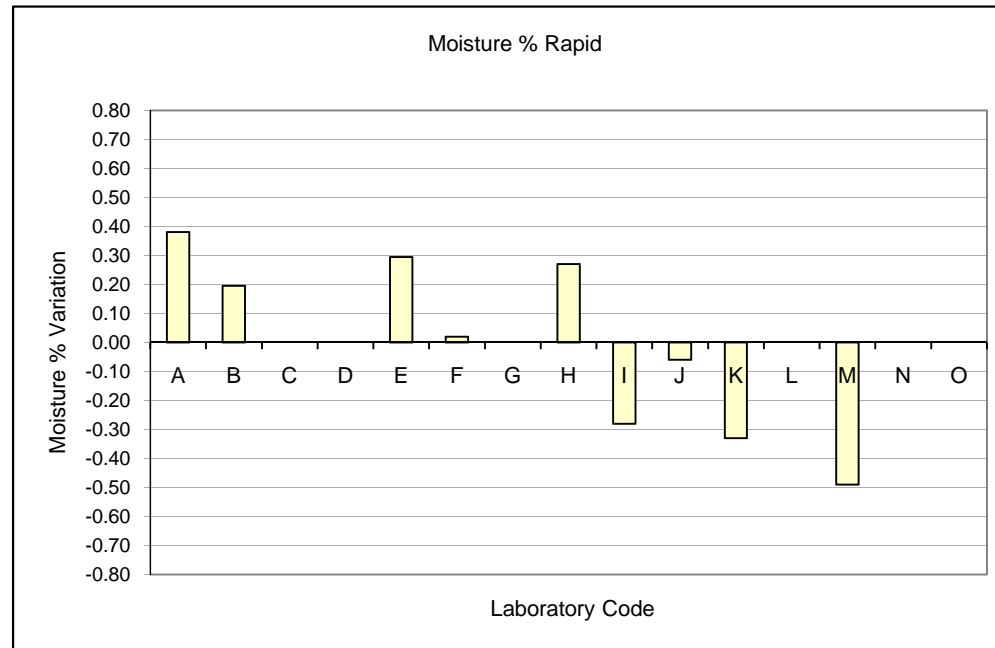


**AOF Test Check Program MAY 2007/2008  
Sample Number 6 Summary**

Moisture % Oven		
Lab	Result	Mean
A		
B	5.78	-0.13
C		
D	5.50	-0.41
E	6.05	0.13
F	6.07	0.16
G	5.78	-0.14
H	6.10	0.19
I	5.80	-0.11
J	5.92	0.01
K	5.20	-0.72
L	6.32	0.41
M	5.91	-0.01
N		
O	5.80	-0.11
<b>MEAN</b>	<b>5.91</b>	
<b>STDEV</b>	<b>0.22</b>	

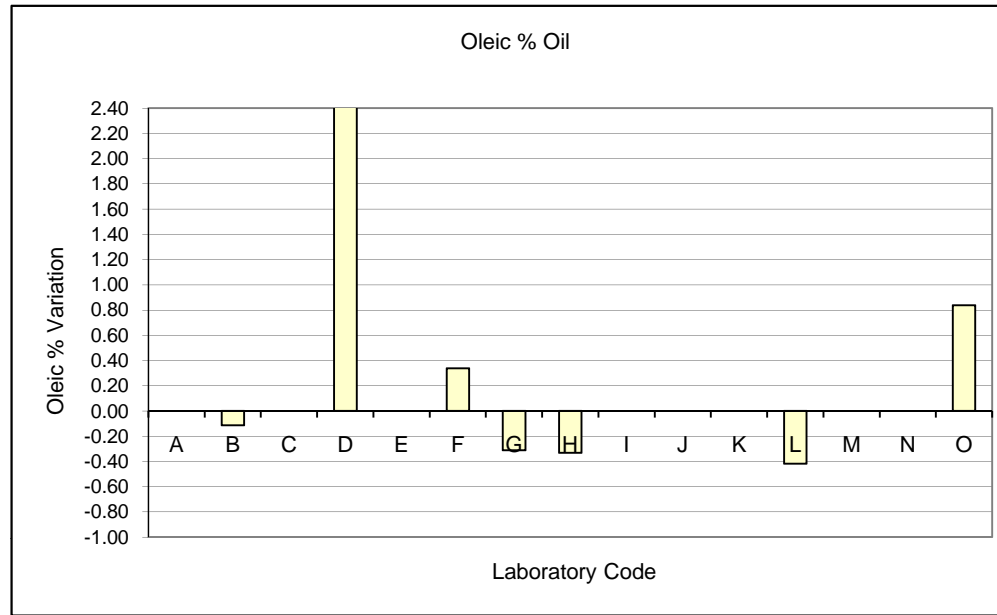


Moisture % Rapid		
Lab	Result	Mean
A	6.16	0.38
B	5.98	0.19
C		
D		
E	6.08	0.30
F	5.80	0.02
G		
H	6.05	0.27
I	5.50	-0.28
J	5.72	-0.06
K	5.45	-0.33
L		
M	5.29	-0.49
N		
O		
<b>MEAN</b>	<b>5.78</b>	
<b>STDEV</b>	<b>0.31</b>	

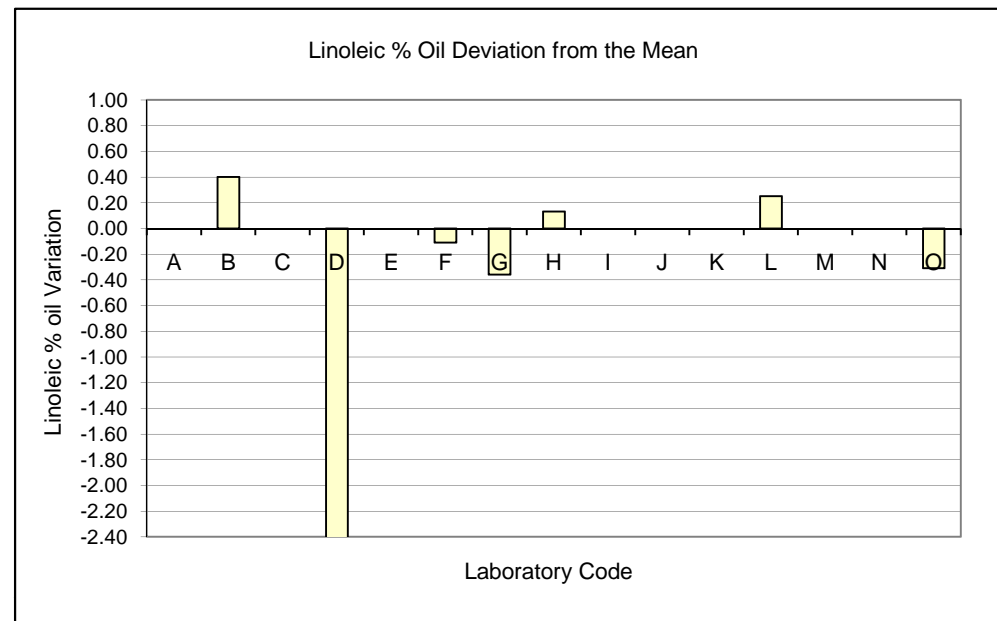


**AOF Test Check Program MAY 2007/2008  
Sample Number 6 Summary**

Oleic % Oil		
Lab	Result	Mean
A		
B	60.75	-0.11
C		
D	63.95	3.09
E		
F	61.20	0.34
G	60.55	-0.31
H	60.53	-0.33
I		
J		
K		
L	60.45	-0.42
M		
N		
O	61.70	0.84
<b>MEAN</b>	<b>60.86</b>	
<b>STDEV</b>	<b>0.49</b>	



Linoleic % oil		
Lab	Result	Mean
A		
B	19.91	0.40
C		
D	16.70	-2.81
E		
F	19.40	-0.11
G	19.15	-0.36
H	19.64	0.13
I		
J		
K		
L	19.76	0.25
M		
N		
O	19.20	-0.31
<b>MEAN</b>	<b>19.51</b>	
<b>STDEV</b>	<b>0.31</b>	



**AOF Test Check Program MAY 2007/2008  
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Free Fatty Acid % of Oil		
Lab	Result	Mean
A		
B		
C		
D	0.50	-0.20
E	0.89	0.20
F	0.87	0.18
G	1.38	0.69
H	0.35	-0.34
I		
J		
K	0.26	-0.44
L	0.61	-0.08
M		
N		
O		
<b>MEAN</b>	<b>0.69</b>	
<b>STDEV</b>	<b>0.39</b>	

