



07/08 AOF Test Check Program Monthly Report

Round 5

APRIL 2008

1/4/2008 – 30/4/2008

Result Receiving Dates

	APRIL
Lab Code	
M	02-Apr-08
I	03-Apr-08
A	07-Apr-08
G	10-Apr-08
D	14-Apr-08
K	14-Apr-08
L	15-Apr-08
C	16-Apr-08
E	17-Apr-08
H	24-Apr-08
O	28-Apr-08
J	30-Apr-08
N	30-Apr-08
B	02-May-08
F	06-May-08

*Just a reminder to get results in promptly

Discussion of Results**Test Weight**

Round 5 saw high variation of results for Test Weight with 3 labs producing outliers. Lab A remained on the high end of the scale submitting an outlier of 1.65 after submitting a result of 1.06 in the previous round. Lab D submitted another outlier for Test Weight with a mean difference of -1.35 with the outlier in the previous round recording -2.44. Lab B saw a significant jump from the mean to submit an outlier of 1.58 compared to -0.49 in round 4. A significant difference is seen for lab E with a change from -0.64 to 0.85. Lab N produced a more accurate result of -0.16 this round after submitting an outlier recording 2.57 in round 4.

Impurities

Good results were received this round with most labs submitting reasonably close to the mean. N submitted a mean difference of 0.46 this round after producing an outlier recording 0.80 in the previous round.

Oil Rapid

Labs A and B continue to submit on the higher end of the scale with differences of 1.04 and 0.92. Labs F and O recorded the lowest results with mean differences of -0.94.



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Oil Solvent

Round 5 saw high variation between labs to generate a standard deviation of 1.50. Lab G once again produced a noticeably low result with a mean difference of -3.14.

Oil Solvent (AOCS Method Am 2-93)

Lab G once again produced a significantly low result with a mean difference of -1.87. Note that lab G continues to perform poorly for both Oil Solvent methods.

Oil SFE

Only lab J submitted results for Oil SFE this round.

Moisture Oven

Labs C and E produced outliers recording 0.43 and 0.86 this round. All other labs remained close to the mean.

Moisture Rapid

Labs A and E produced outliers recording -1.26 and 0.86. Note that although lab E produced high moisture results for both methods, both results compared well with each other suggesting possible moisture contamination of the sample.

Oleic Oil

An obvious testing error for lab B submitting a major outlier with a mean difference of -41.11. Lab L produced another considerably low result with a mean difference of -4.34 which also resulted in it being excluded from the mean and standard deviation.

Linoleic Oil

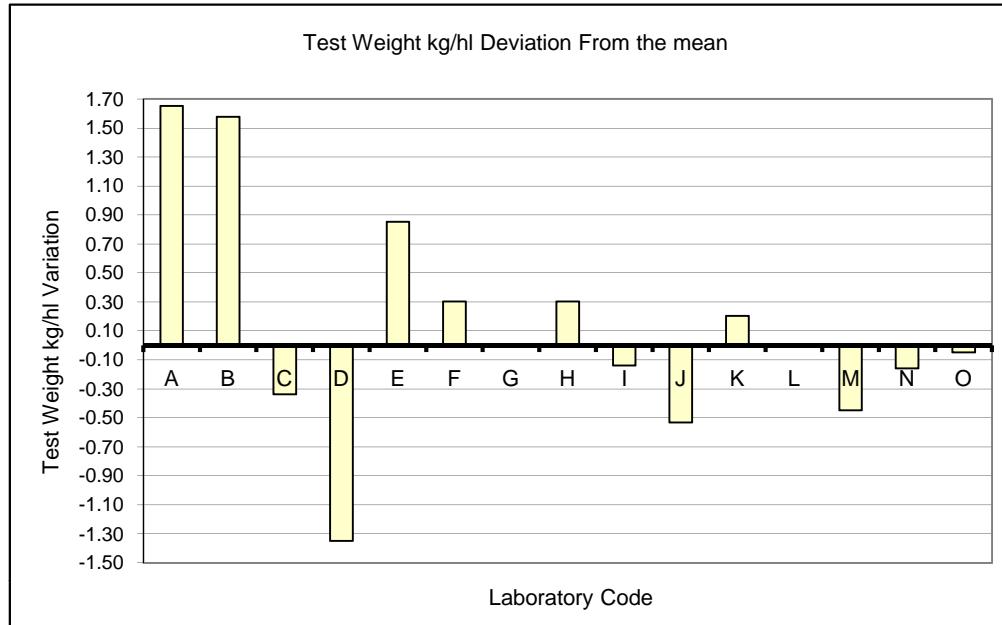
As well as submitting a major outlier for Oleic Oil, lab B also submitted an outlier for Linoleic Oil recording a mean difference of -7.90. Sample preparation error is possible.

Free Fatty Acid

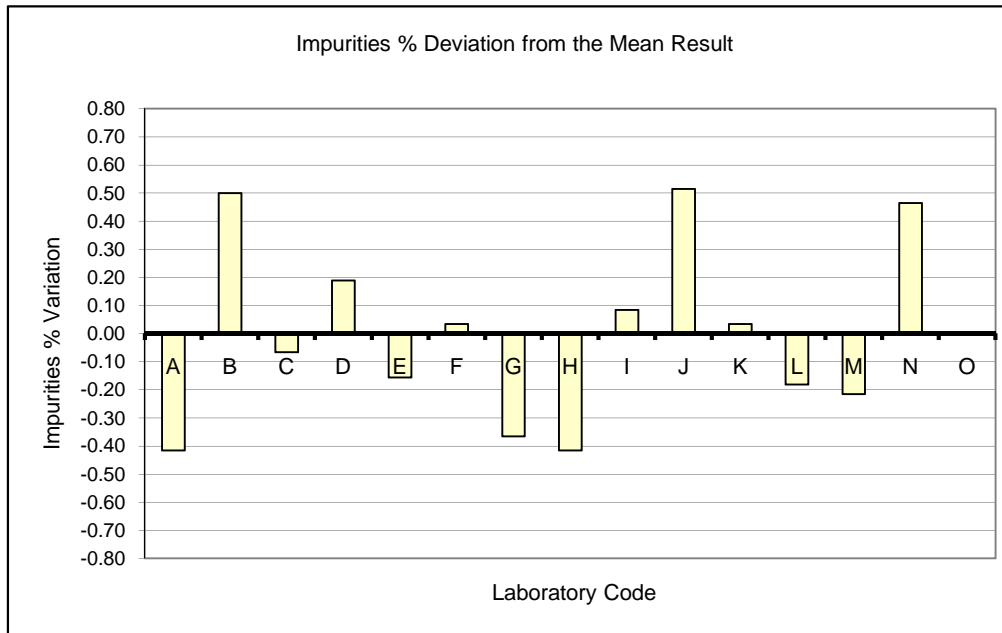
Results were generally good this round. Lab E submitted the greatest difference of 0.42 whilst lab G was able to achieve the mean.

**AOF Test Check Program APRIL 2007/2008
Sample Number 5 Summary**

Test Weight kg/hl		
Lab	Result	Mean
A	66.20	1.65
B	66.13	1.53
C	64.21	-0.34
D	63.20	-1.35
E	65.40	0.85
F	64.85	0.30
G		
H	64.85	0.30
I	64.41	-0.14
J	64.02	-0.53
K	64.75	0.20
L		
M	64.10	-0.45
N	64.39	-0.16
O	64.50	-0.05
MEAN	64.55	
STDEV	0.42	

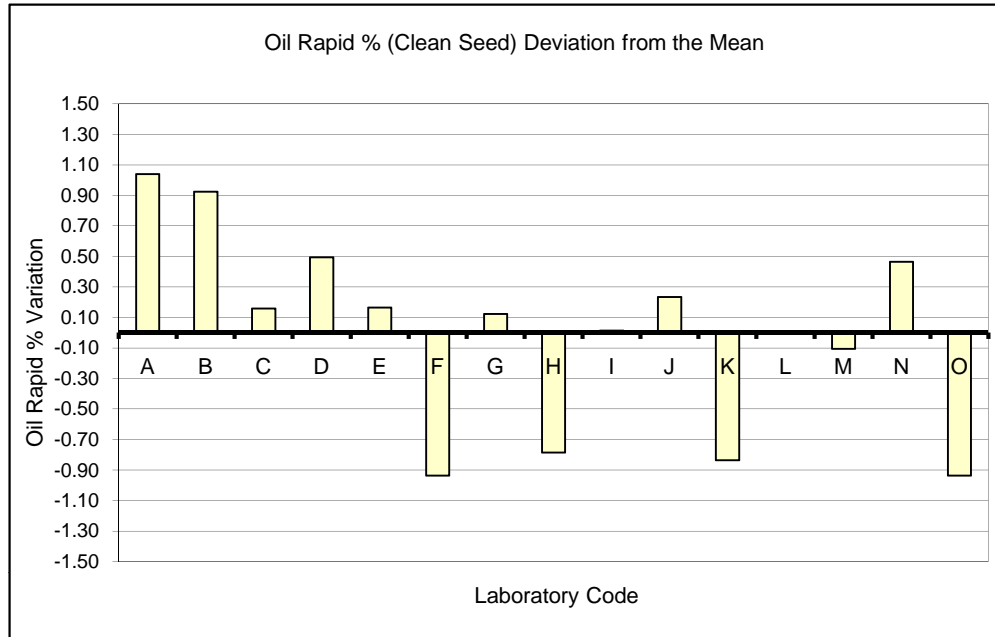


Impurities		
Lab	Result	Mean
A	1.80	-0.42
B	2.72	0.50
C	2.15	-0.07
D	2.41	0.19
E	2.06	-0.16
F	2.25	0.03
G	1.85	-0.37
H	1.80	-0.42
I	2.30	0.08
J	2.73	0.51
K	2.25	0.03
L	2.04	-0.18
M	2.00	-0.22
N	2.68	0.46
O		
MEAN	2.22	
STDEV	0.32	

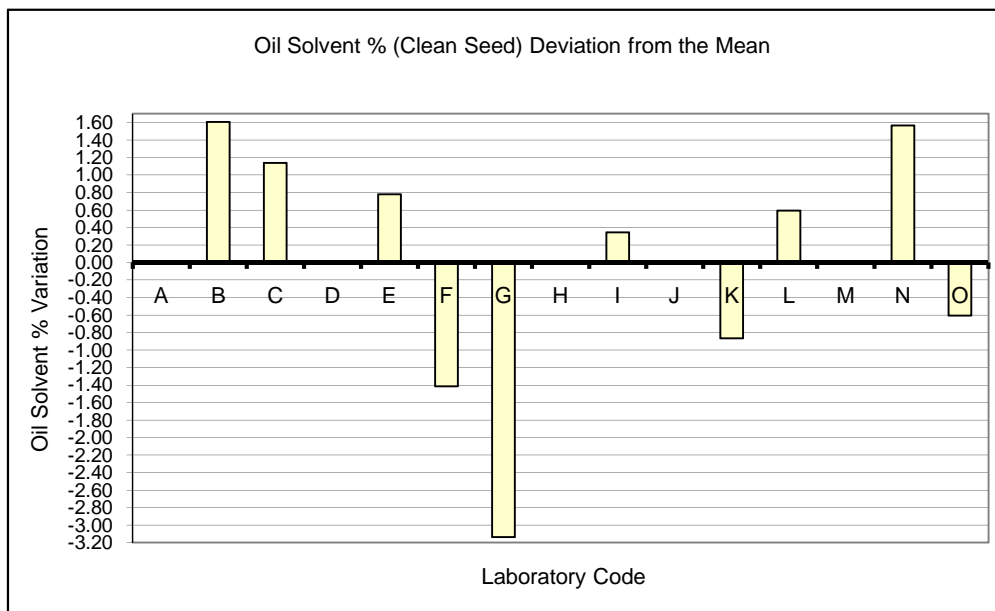


**AOF Test Check Program APRIL 2007/2008
Sample Number 5 Summary**

Oil Rapid % (Clean Seed)		
Lab	Result	Mean
A	42.58	1.04
B	42.46	0.92
C	41.70	0.16
D	42.03	0.49
E	41.70	0.16
F	40.60	-0.94
G	41.66	0.12
H	40.75	-0.79
I	41.55	0.01
J	41.77	0.23
K	40.70	-0.84
L		
M	41.43	-0.11
N	42.00	0.46
O	40.60	-0.94
MEAN	41.54	
STDEV	0.66	

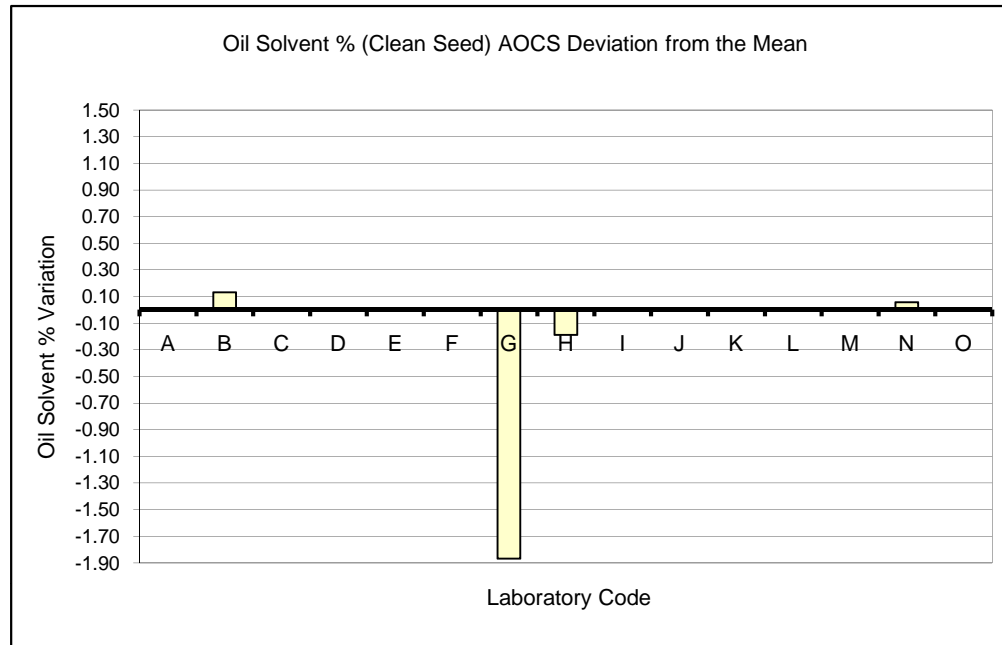


Oil Solvent % (Clean Seed)		
Lab	Result	Mean
A		
B	42.31	1.60
C	41.85	1.14
D		
E	41.49	0.78
F	39.29	-1.42
G	37.57	-3.14
H		
I	41.05	0.34
J		
K	39.84	-0.87
L	41.30	0.59
M		
N	42.27	1.56
O	40.10	-0.61
MEAN	40.71	
STDEV	1.50	

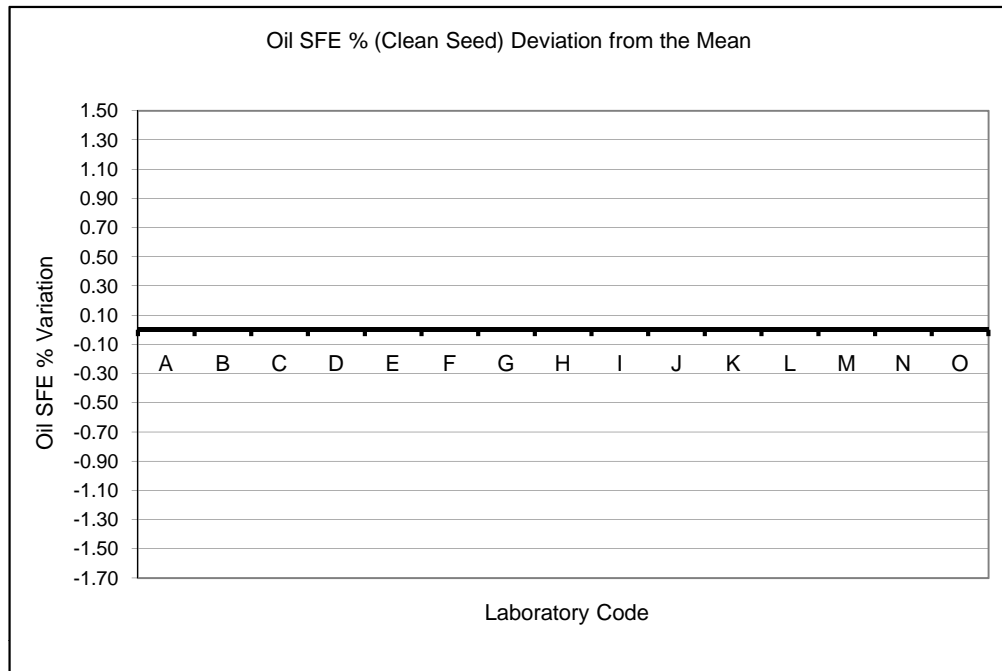


**AOF Test Check Program APRIL 2007/2008
Sample Number 5 Summary**

Oil Solvent % (Clean Seed) AOCS		
Lab	Result	Mean
A		
B	42.37	0.13
C		
D		
E		
F		
G	40.37	-1.87
H	42.05	-0.19
I		
J		
K		
L		
M		
N	42.30	0.06
O		
MEAN	42.24	
STDEV	0.17	

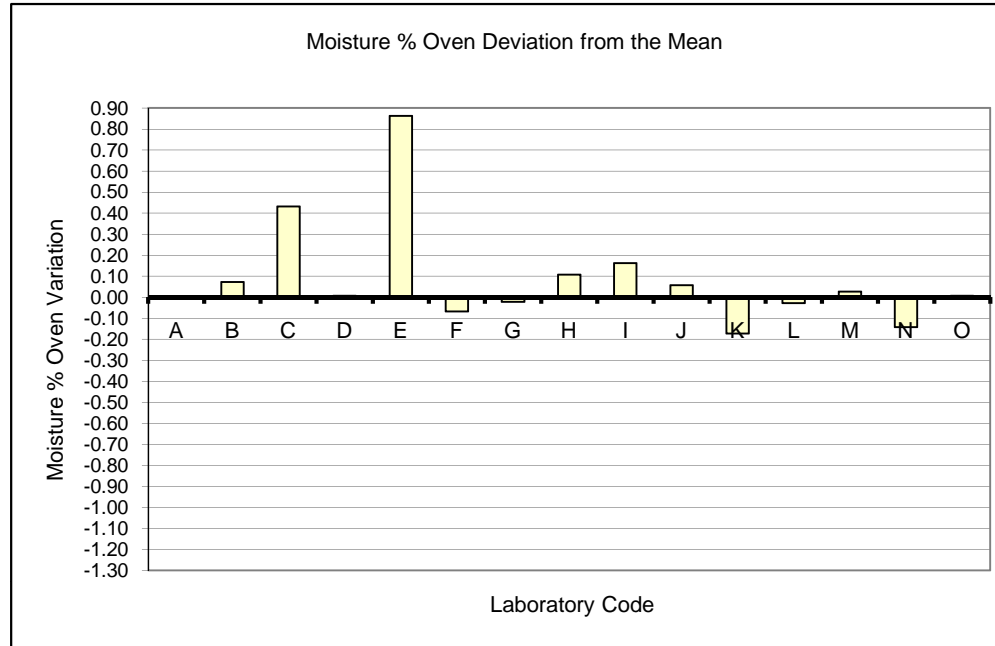


Oil % SFE (Clean Seed)		
Lab	Result	Mean
A		
B		
C		
D		
E		
F		
G		
H		
I		
J	41.69	0.00
K		
L		
M		
N		
O		
MEAN	41.69	
STDEV	#DIV/0!	

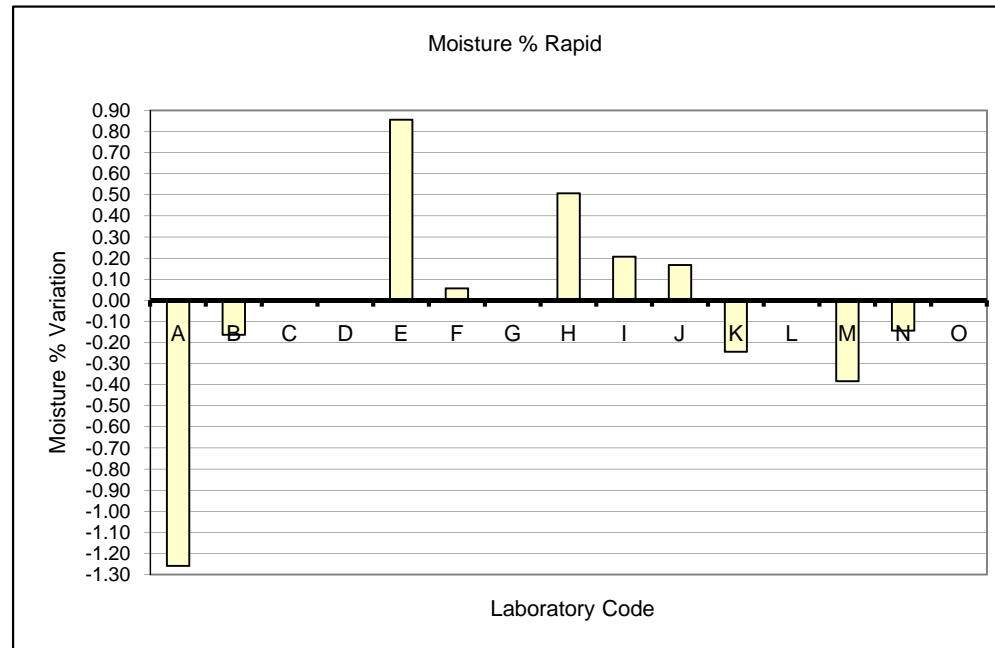


**AOF Test Check Program APRIL 2007/2008
Sample Number 5 Summary**

Moisture % Oven		
Lab	Result	Mean
A		
B	4.57	0.07
C	4.93	0.43
D	4.50	0.01
E	5.36	0.86
F	4.43	-0.07
G	4.47	-0.02
H	4.60	0.11
I	4.66	0.16
J	4.55	0.06
K	4.32	-0.17
L	4.47	-0.03
M	4.52	0.03
N	4.35	-0.14
O	4.50	0.01
MEAN	4.49	
STDEV	0.10	

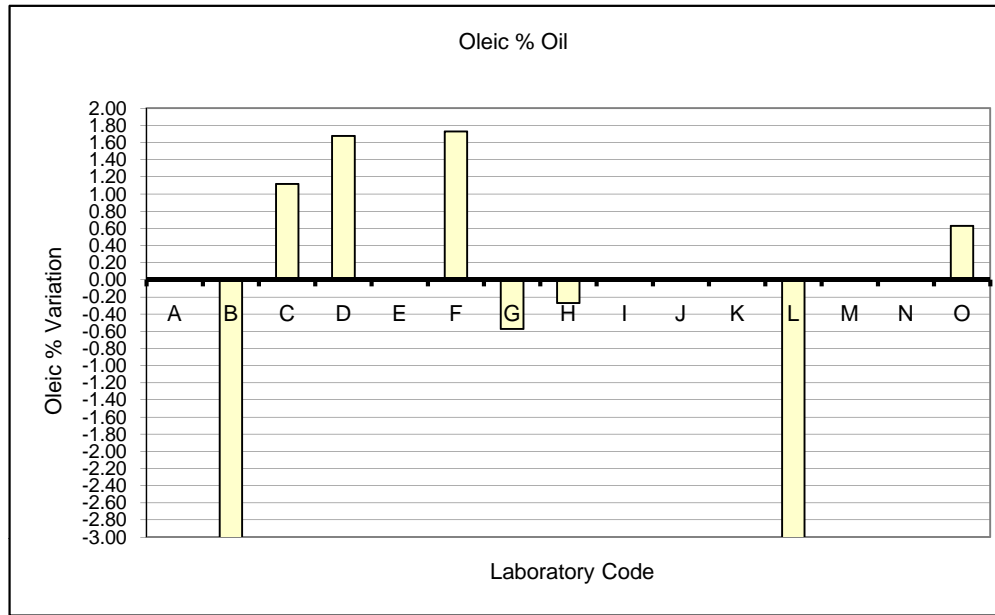


Moisture % Rapid		
Lab	Result	Mean
A	3.24	-1.26
B	4.33	-0.16
C		
D		
E	5.35	0.86
F	4.55	0.06
G		
H	5.00	0.51
I	4.70	0.21
J	4.66	0.17
K	4.25	-0.24
L		
M	4.11	-0.38
N	4.35	-0.14
O		
MEAN	4.49	
STDEV	0.29	

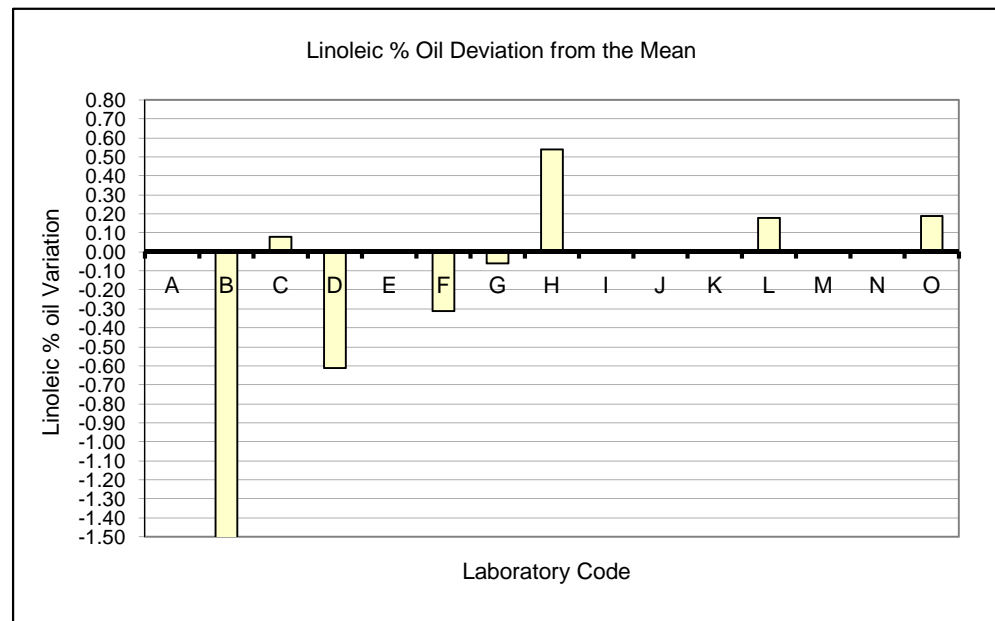


**AOF Test Check Program APRIL 2007/2008
Sample Number 5 Summary**

Oleic % Oil		
Lab	Result	Mean
A		
B	20.02	-41.11
C	62.24	1.12
D	62.80	1.68
E		
F	62.85	1.73
G	60.55	-0.57
H	60.85	-0.27
I		
J		
K		
L	56.82	-4.31
M		
N		
O	61.75	0.63
MEAN	61.12	
STDEV	2.10	



Linoleic % oil		
Lab	Result	Mean
A		
B	11.11	-7.90
C	19.09	0.08
D	18.40	-0.61
E		
F	18.70	-0.31
G	18.95	-0.06
H	19.55	0.54
I		
J		
K		
L	19.19	0.18
M		
N		
O	19.20	0.19
MEAN	19.01	
STDEV	0.37	



**AOF Test Check Program APRIL 2007/2008
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Free Fatty Acid % of Oil		
Lab	Result	Mean
A		
B	0.30	-0.23
C	0.41	-0.12
D		
E	0.95	0.42
F	0.76	0.23
G	0.53	0.00
H	0.32	-0.21
I		
J		
K	0.39	-0.14
L	0.58	0.05
M		
N		
O		
MEAN	0.53	
STDEV	0.23	

