



AOF Test Check Program Monthly Report

Round 10

August 2007

6/8/2007 – 3/9/2007

Result Receival Dates

	AUGUST
Lab Code	Round 10
I	08-Aug-07
M	14-Aug-07
E	22-Aug-07
J	24-Aug-07
K	28-Aug-07
L	28-Aug-07
A	29-Aug-07
B	30-Aug-07
F	31-Aug-07
N	31-Aug-07
H	03-Sep-07
O	03-Sep-07
G	05-Sep-07
C	20-Sep-07
D	NOT YET RECEIVED

*Just a reminder all to get results in promptly

Discussion of Results***Test Weight***

Round 10 saw greater variation with six out of twelve participating labs submitting differences of over 1.00. Of these, labs B and M showed the greatest change submitting differences of 2.90 and -1.90 compared to 0.78 and -0.18 previously. In contrast, lab I submitted significantly closer to the mean this round with a difference of -0.20 compared to -1.22 in round 9.

Impurities

The majority of labs showed an increase from the mean this round resulting in an increased standard deviation of 0.74 compared to 0.33 in the previous round. The more notable labs included labs E, H, I, K and M who drifted at least 0.50% further from the mean. Lab N continues to submit results on the higher end of the scale producing a mean difference of 1.29 for this round.



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Oil Rapid

Labs G and H produced outliers this round with differences of about -2.50%. Note that both labs continue to produce results significantly lower than the mean throughout the rounds. Lab B continues to submit results on the higher end of the scale submitting a difference of 0.71 this round. Lab A recorded a significant difference with a change from 0.60 to -0.56.

Oil Solvent

Lab G unfortunately produced an outlier recording -2.31 this round and was omitted from the mean and standard deviation. Labs B, I and N all drifted significantly further from the mean to submit differences of 1.05, -0.45 and 0.77 compared to 0.86, -0.04 and 0.23 in the previous round. In contrast, labs E and L improved considerably to submit at least 0.83% closer to the mean with differences of -0.07 and 0.35.

Oil Solvent (AOCS Method Am 2-93)

Lab G produced an outlier recording -1.81. Note that lab G produced outliers for all Oil Content methods this round with results submitted being on the low side of the scale of around 40.00% oil. The three other participating labs submitted fairly accurate results within 0.30% from the mean.

Oil SFE

Only one result recording 41.09% oil from lab J was submitted for Oil SFE. A difference of 0.81 separates results for Oil SFE and Oil Rapid for the lab.

Moisture Oven

Lab F produced a major outlier this round with a mean difference of -1.47. Note that a difference of 1.43 separates Moisture Oven and Moisture Rapid results for the lab. Labs L and O drifted slightly further from the mean to submit 0.16 and -0.24 compared to 0.02 and 0.02 previously.



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Moisture Rapid

Lab A has improved this round to submit a difference of 0.17 after producing outliers for Moisture Rapid in rounds 8 and 9. Labs H and K continue to submit results significantly far from the mean with differences of around 0.35 and -0.50 respectively.

Oleic Oil

Lab G once again produced an outlier this round recording 2.54 and was omitted from the mean and standard deviation. Labs B and H drifted significantly further from the mean to submit differences of -0.46 and -0.34 compared to -0.16 and -0.06 previously. Lab O continues to produce noticeably high results, submitting mean differences between 0.42 and 1.26 throughout rounds 5 to 10.

Linoleic Oil

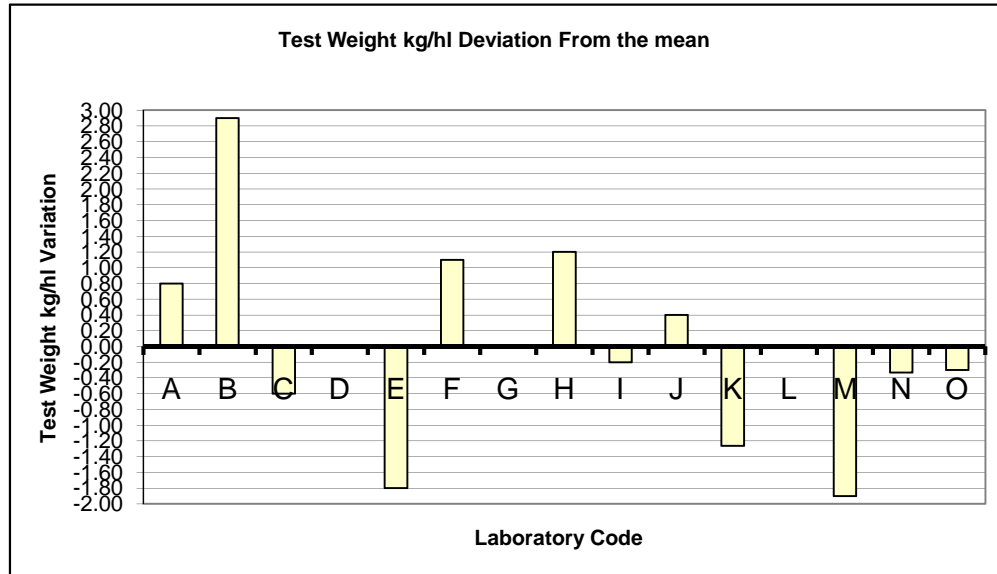
Lab G produced an outlier with a mean difference of 1.30 and was omitted from the mean and standard deviation. Note that lab G produced five outliers this round, all of which recorded mean differences of over 1.00%. The three outliers produced by lab G in the previous round also recorded differences of over 1.00% from the mean. Lab O was able to achieve the mean this round for Linoleic Oil.

Free Fatty Acid

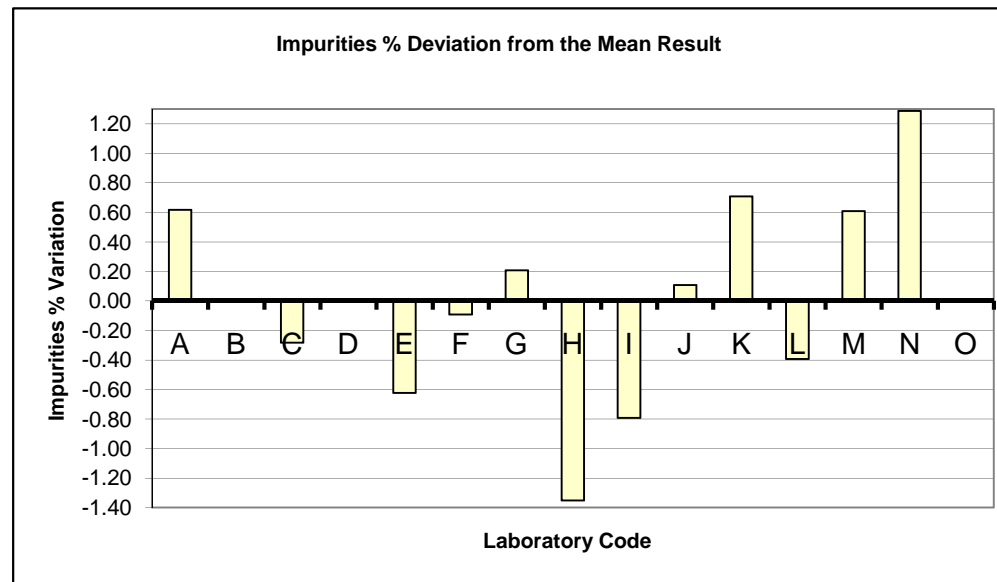
After producing an outlier in the previous round, lab K submitted closer to the mean this round with a difference of -0.59 but still remains of the lower side of the scale. Lab H also showed improvement to submit a difference of -0.24 compared to -0.41 previously. In contrast, labs B and F drifted further from the mean to submit differences of -0.33 and 0.54.

**AOF Test Check Program AUGUST 2006/2007
Sample Number 10 Summary**

Test Weight kg/hl		
Lab	Result	Mean
A	65.40	0.80
B	67.50	2.90
C	64.00	-0.60
D		
E	62.80	-1.80
F	65.70	1.10
G		
H	65.80	1.20
I	64.40	-0.20
J	65.00	0.40
K	63.34	-1.26
L		
M	62.70	-1.90
N	64.27	-0.33
O	64.30	-0.30
MEAN	64.60	
STDEV	1.38	

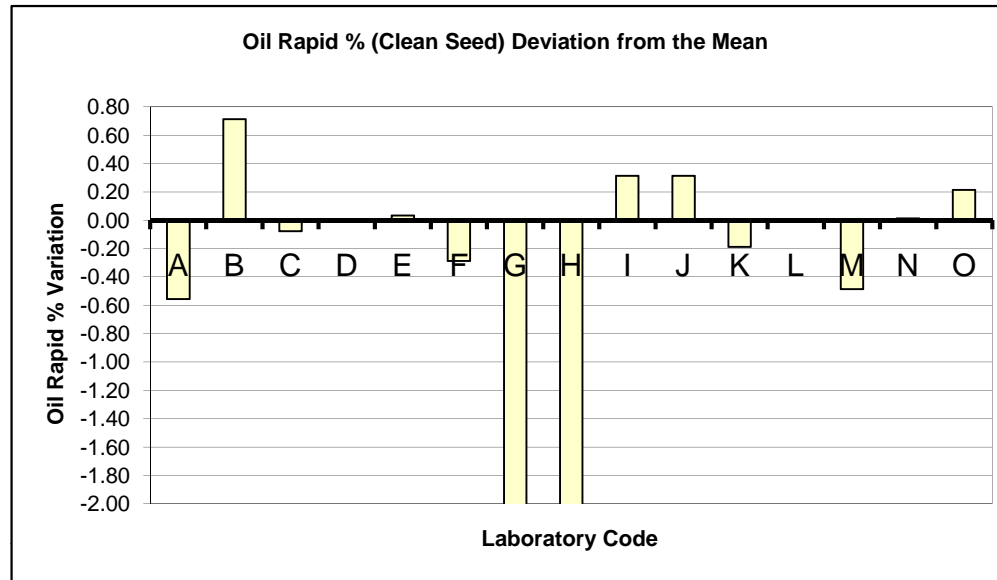


Impurities		
Lab	Result	Mean
A	4.31	0.62
B		
C	3.41	-0.28
D		
E	3.07	-0.62
F	3.60	-0.09
G	3.90	0.21
H	2.34	-1.35
I	2.90	-0.79
J	3.80	0.11
K	4.40	0.71
L	3.30	-0.39
M	4.30	0.61
N	4.98	1.29
O		
MEAN	3.69	
STDEV	0.74	

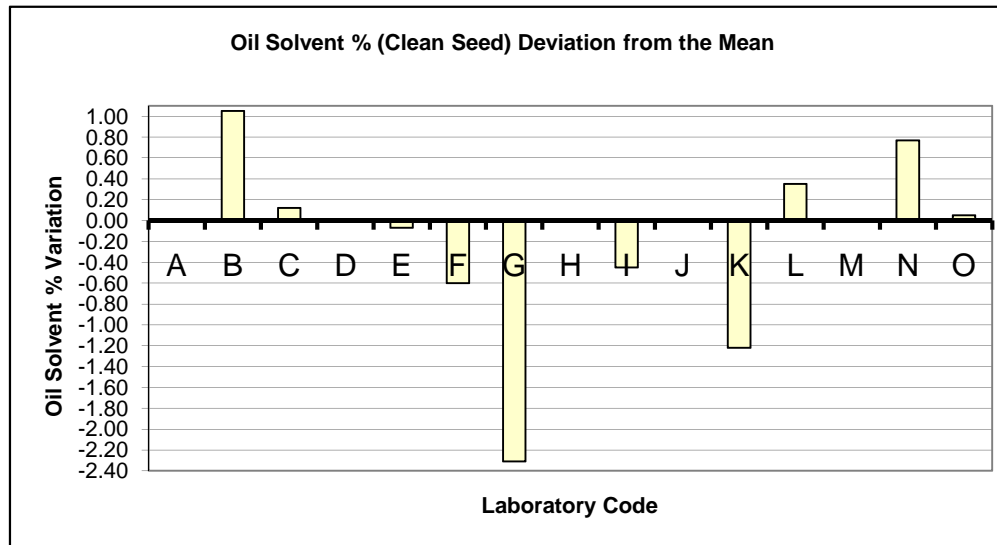


**AOF Test Check Program AUGUST 2006/2007
Sample Number 10 Summary**

Oil Rapid % (Clean Seed)		
Lab	Result	Mean
A	41.03	-0.56
B	42.30	0.71
C	41.51	-0.08
D		
E	41.62	0.03
F	41.30	-0.29
G	39.14	-2.45
H	39.00	-2.59
I	41.90	0.31
J	41.90	0.31
K	41.40	-0.19
L		
M	41.10	-0.49
N	41.60	0.01
O	41.80	0.21
MEAN	41.59	
STDEV	0.38	

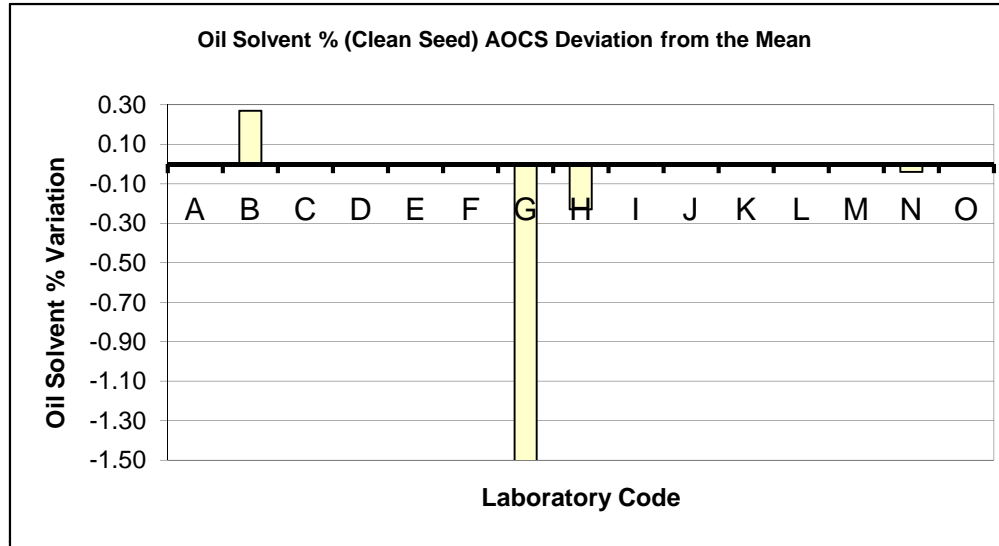


Oil Solvent % (Clean Seed)		
Lab	Result	Mean
A		
B	42.70	1.05
C	41.77	0.12
D		
E	41.58	-0.07
F	41.05	-0.60
G	39.34	-2.31
H		
I	41.2	-0.45
J		
K	40.43	-1.22
L	42.00	0.35
M		
N	42.42	0.77
O	41.70	0.05
MEAN	41.65	
STDEV	0.70	

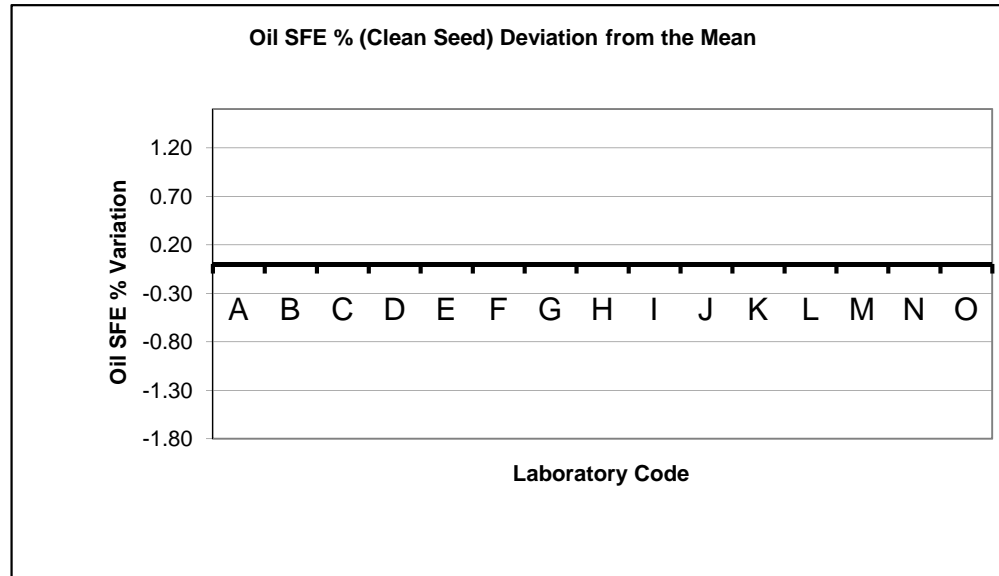


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Oil Solvent % (Clean Seed) AOCS		
Lab	Result	Mean
A		
B	42.8	0.27
C		
D		
E		
F		
G	40.72	-1.81
H	42.3	-0.23
I		
J		
K		
L		
M		
N	42.49	-0.04
O		
MEAN	42.53	
STDEV	0.25	

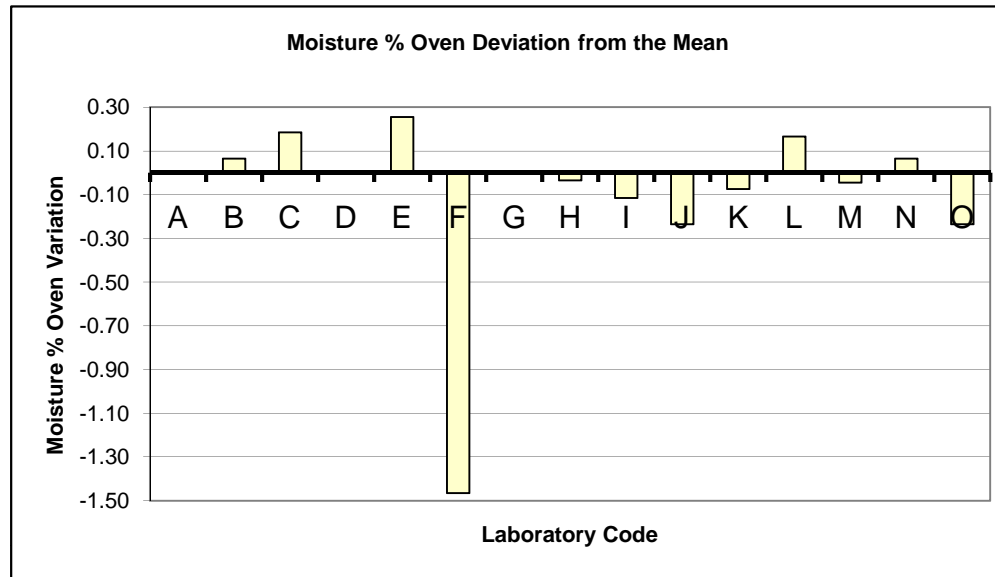


Oil % SFE (Clean Seed)		
Lab	Result	Mean
A		
B		
C		
D		
E		
F		
G		
H		
I		
J	41.09	0.00
K		
L		
M		
N		
O		
MEAN	41.09	
STDEV	#DIV/0!	

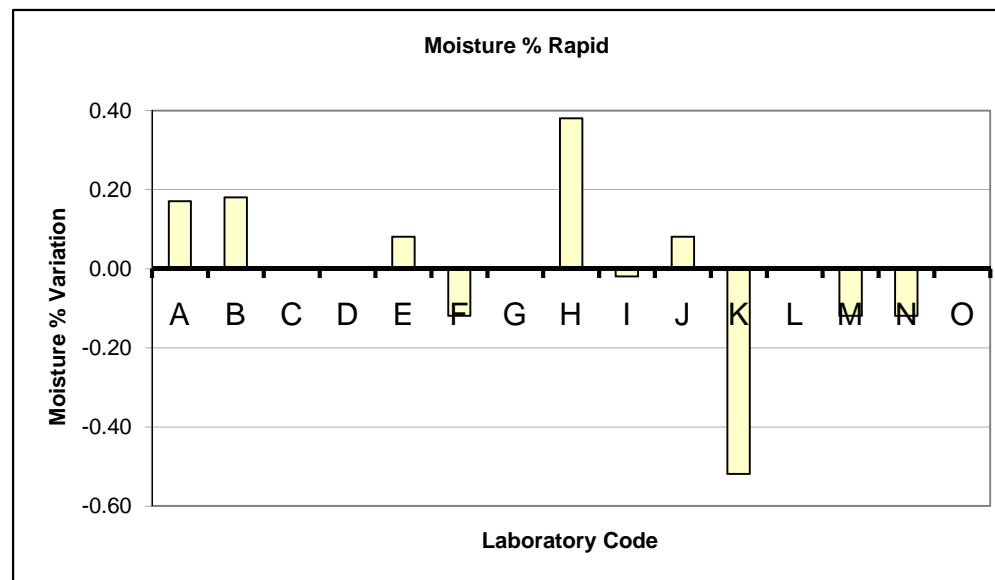


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Moisture % Oven		
Lab	Result	Mean
A		
B	5.70	0.06
C	5.82	0.19
D		
E	5.89	0.25
F	4.17	-1.47
G	5.64	0.00
H	5.60	-0.04
I	5.52	-0.12
J	5.40	-0.24
K	5.56	-0.08
L	5.80	0.16
M	5.59	-0.05
N	5.70	0.06
O	5.40	-0.24
MEAN	5.64	
STDEV	0.16	

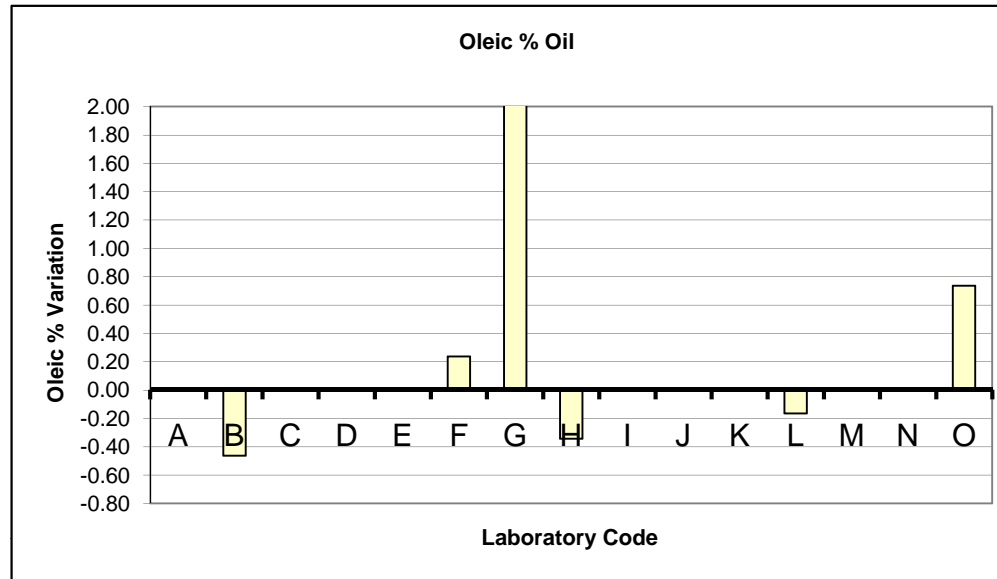


Moisture % Rapid		
Lab	Result	Mean
A	5.89	0.17
B	5.90	0.18
C		
D		
E	5.80	0.08
F	5.60	-0.12
G		
H	6.10	0.38
I	5.70	-0.02
J	5.80	0.08
K	5.20	-0.52
L		
M	5.60	-0.12
N	5.60	-0.12
O		
MEAN	5.72	
STDEV	0.24	

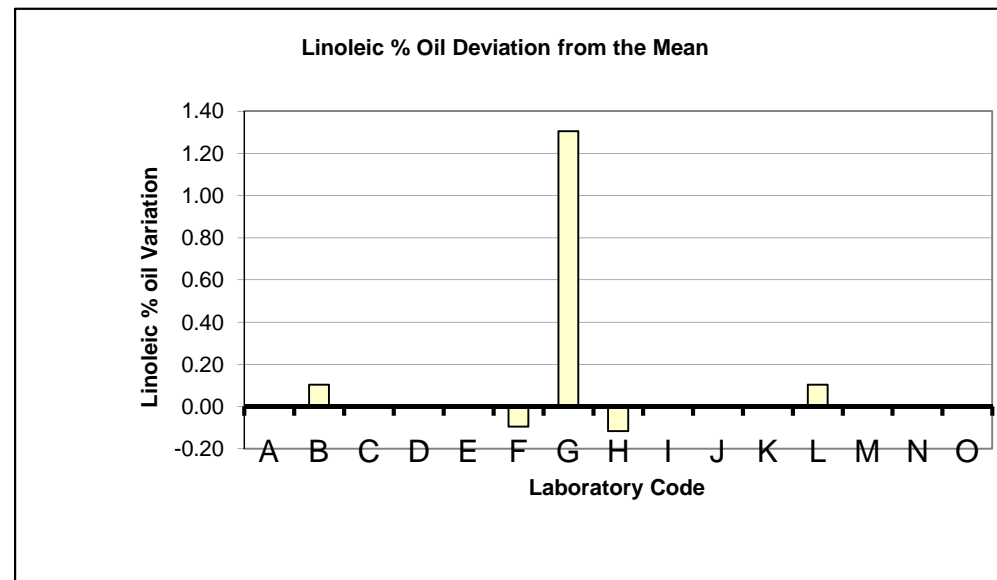


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Oleic % Oil		
Lab	Result	Mean
A		
B	60.30	-0.46
C		
D		
E		
F	61.00	0.24
G	63.30	2.54
H	60.42	-0.34
I		
J		
K		
L	60.60	-0.16
M		
N		
O	61.50	0.74
MEAN	60.76	
STDEV	0.49	



Linoleic % oil		
Lab	Result	Mean
A		
B	19.20	0.10
C		
D		
E		
F	19.00	-0.10
G	20.40	1.30
H	18.98	-0.12
I		
J		
K		
L	19.20	0.10
M		
N		
O	19.10	0.00
MEAN	19.10	
STDEV	0.11	



**AOF Test Check Program AUGUST 2006/2007
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Free Fatty Acid % of Oil		
Lab	Result	Mean
A		
B	0.50	-0.33
C	0.96	0.13
D		
E	0.97	0.14
F	1.37	0.54
G	1.04	0.21
H	0.59	-0.24
I		
J		
K	0.24	-0.59
L	0.94	0.11
M		
N		
O		
MEAN	0.83	
STDEV	0.36	

