



**2014 AOF Test Check Program
Monthly Report
Round 1
January - 2014
01/1/2014 – 01/02/2014**

Result Receiving Dates

Lab Code	Date
A	09/01/2014
B	31/01/2014
C	31/01/2014
D	13/01/2014
E	17/01/2014
F	-
G	24/01/2014
H	31/01/2014
I	-
J	31/01/2014
K	31/01/2014
L	-
M	21/01/2014
N	15/01/2014
O	14/01/2014

Discussion of Results

Test Weight

Sample 1 – One outlier was identified for Lab **D** with 0.20 kg/hl discrepancy from the lower quartile limit (66.20kg/hl).

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for Lab **D** with 0.43 kg/hl discrepancy from the lower quartile limit (62.17kg/hl).

Impurities

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab **H** with a 0.23 of a percent discrepancy from the lower quartile limit (0.96%).

Sample 3 – One outlier was identified for Lab **M** with a 0.03 of a percent discrepancy from the lower quartile limit (1.53%).



2014 AOF Test Check Program
Monthly Report
Round 1
January - 2014
01/1/2014 – 01/02/2014

Oil Rapid

Sample 1 – One outlier was identified for Lab **H** with a 0.26 of a percent discrepancy from the lower quartile limit (36.21%).

Sample 2 – Outliers were identified for Lab **D** and **E**. Lab D and E results were 0.18 and 0.10 of a percent discrepancy, respectively, from the upper quartile limit (43.90%).

Sample 3 – Outliers were identified for Lab **D** and **H**. Lab D results were 0.76 of a percent discrepancy from the upper quartile limit (46.37%). Lab H results were 0.17 of a percent discrepancy from the lower quartile limit (44.17%).

Oil Solvent Extraction

Sample 1 – One outlier was identified for Lab **C** with a 0.49 of a percent discrepancy from the upper quartile limit (37.59%).

Sample 2 – No outliers were observed.

Sample 3 – Outliers were identified for Lab **B** and **G**. Lab B results were 0.05 of a percent discrepancy from the upper quartile limit (46.48%). Lab G results were 0.6 of a percent discrepancy from the lower quartile limit (45%).

Moisture Oven

Sample 1 – Outliers were identified for Lab **D** and **K**. Lab D results were 0.34 of a percent discrepancy from the upper quartile limit (7.61%). Lab K results were 0.19 of a percent discrepancy from the lower quartile limit (7.14%).

Sample 2 – Outliers were identified for Lab **D** and **K**. Lab D results were 0.36 of a percent discrepancy from the upper quartile limit (6.89%). Lab K results were 0.19 of a percent discrepancy from the lower quartile limit (6.43%).

Sample 3 – Outliers were identified for Lab **D** and **K**. Lab D results were 0.12 of a percent discrepancy from the upper quartile limit (5.78%). Lab K results were 0.05 of a percent discrepancy from the lower quartile limit (5.37%).

Moisture Rapid

No Outliers were identified for this test method.



2014 AOF Test Check Program
Monthly Report
Round 1
January - 2014
01/1/2014 – 01/02/2014

Oleic Oil

Sample 1 – No outliers were observed.

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for Lab **H** with a 0.03 of a percent discrepancy from the upper quartile limit (63.34%).

Linoleic Oil

Sample 1 – One outlier was identified for Lab **G** with a 0.13 of a percent discrepancy from the lower quartile limit (13.91%).

Sample 2 – No outliers were observed.

Sample 3 – No outliers were observed.

Free Fatty Acid

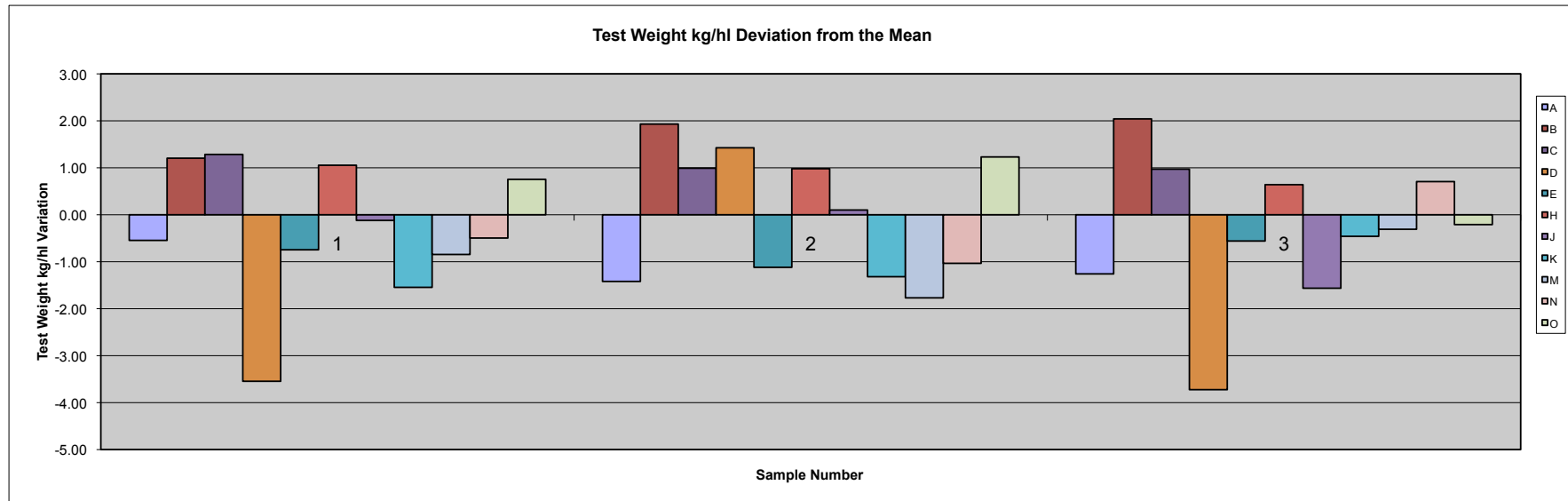
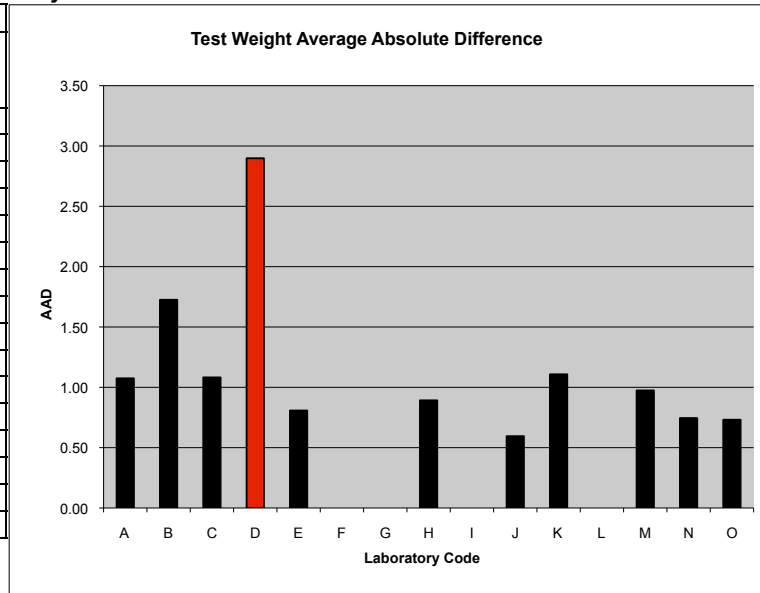
Sample 1 – One outlier was identified for Lab **E** with a 0.34 of a percent discrepancy from the upper quartile limit (0.43%).

Sample 2 – One outlier was identified for Lab **E** with a 0.15 of a percent discrepancy from the upper quartile limit (0.38%).

Sample 3 – One outlier was identified for Lab **E** with a 0.17 of a percent discrepancy from the upper quartile limit (0.32%).

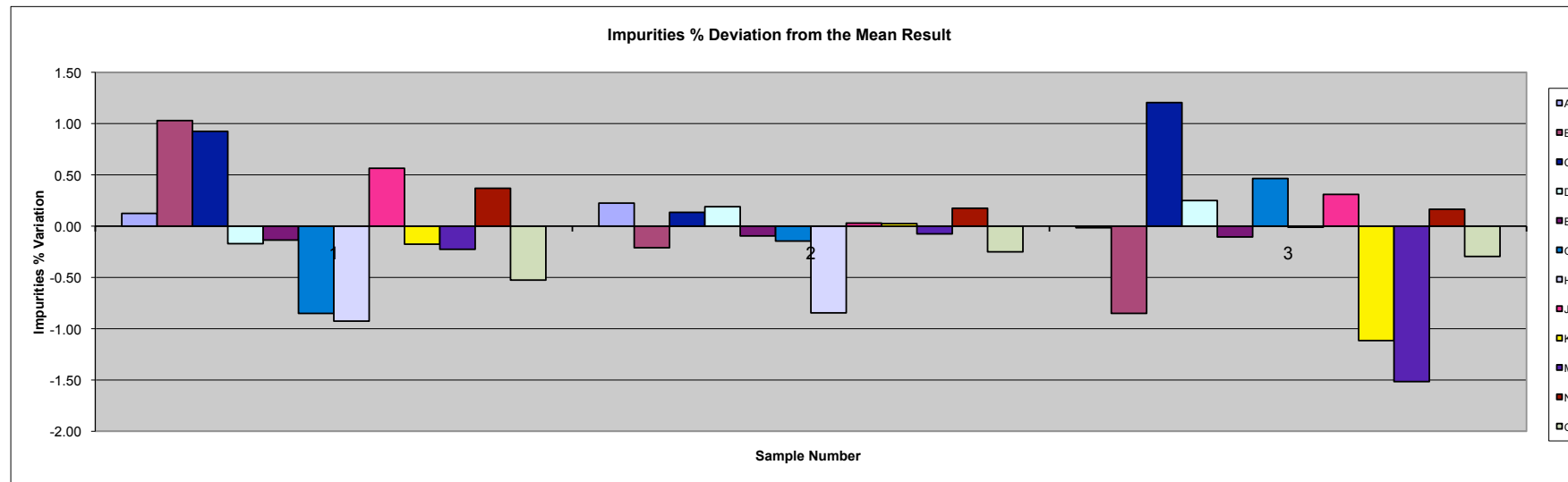
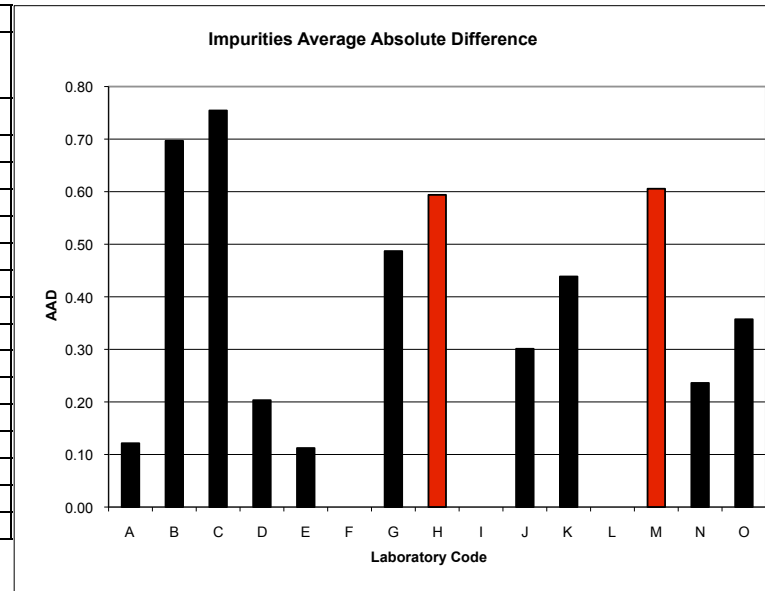
**2014 AOF Test Check Program
Round 1 Summary - January**

Test Weight kg/hl								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	69.00	-0.55	64.90	-1.42	64.20	-1.26	-1.07	1.07
B	70.75	1.20	68.25	1.93	67.50	2.04	1.73	1.73
C	70.83	1.28	67.31	0.99	66.43	0.97	1.08	1.08
D	66.00	-3.55	67.75	1.43	61.74	-3.72	-1.95	2.90
E	68.80	-0.75	65.20	-1.12	64.90	-0.56	-0.81	0.81
F								
G								
H	70.60	1.05	67.30	0.98	66.10	0.64	0.89	0.89
I								
J	69.43	-0.12	66.42	0.10	63.90	-1.56	-0.53	0.60
K	68.00	-1.55	65.00	-1.32	65.00	-0.46	-1.11	1.11
L								
M	68.70	-0.85	64.55	-1.77	65.15	-0.31	-0.97	0.97
N	69.05	-0.50	65.29	-1.03	66.17	0.71	-0.27	0.75
O	70.30	0.75	67.55	1.23	65.25	-0.21	0.59	0.73
MEAN	69.55		66.32		65.46			1.15
STDEV	1.00		1.36		1.09			



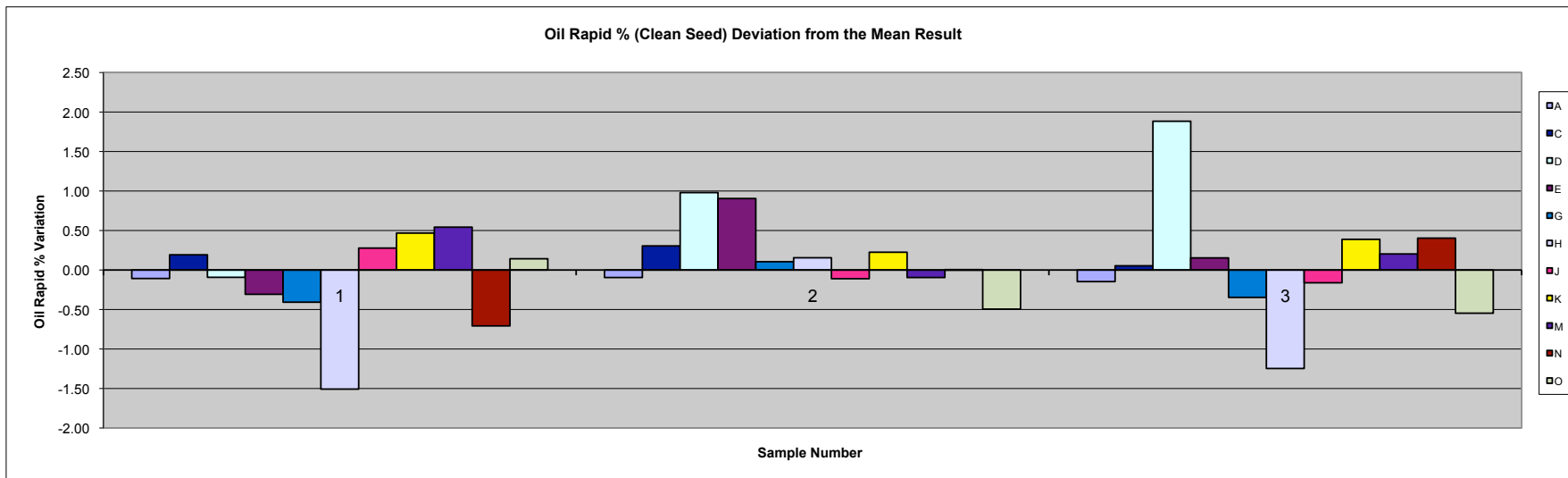
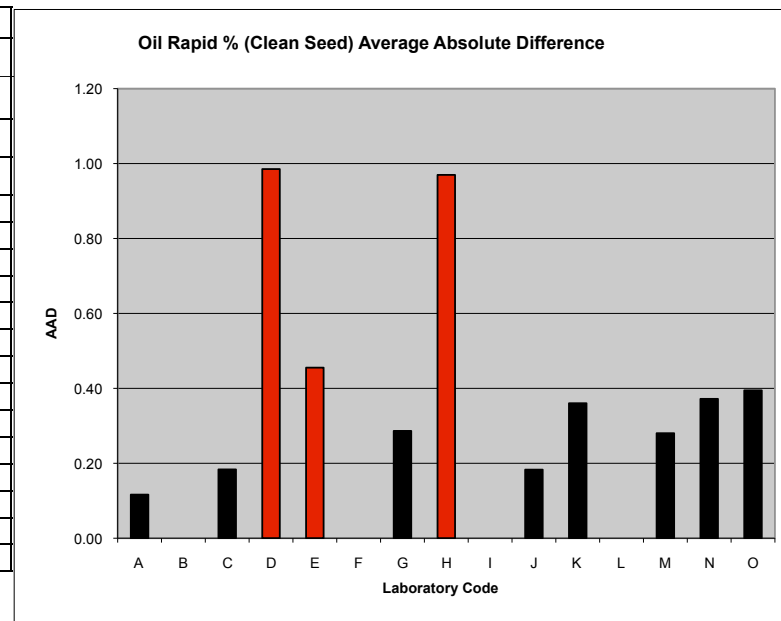
**2014 AOF Test Check Program
Round 1 Summary - January**

Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	2.30	0.12	1.80	0.22	3.00	-0.02	0.11	0.12
B	3.21	1.03	1.37	-0.21	2.17	-0.85	-0.01	0.70
C	3.10	0.92	1.71	0.13	4.22	1.20	0.75	0.75
D	2.01	-0.17	1.77	0.19	3.27	0.25	0.09	0.20
E	2.04	-0.14	1.48	-0.10	2.91	-0.11	-0.11	0.11
F								
G	1.33	-0.85	1.43	-0.15	3.48	0.46	-0.18	0.49
H	1.25	-0.93	0.73	-0.85	3.01	-0.01	-0.59	0.59
I								
J	2.74	0.56	1.61	0.03	3.33	0.31	0.30	0.30
K	2.00	-0.18	1.60	0.02	1.90	-1.12	-0.42	0.44
L								
M	1.95	-0.23	1.50	-0.08	1.50	-1.52	-0.61	0.61
N	2.55	0.37	1.75	0.17	3.18	0.16	0.24	0.24
O	1.65	-0.53	1.33	-0.25	2.72	-0.30	-0.36	0.36
MEAN	2.18		1.58		3.02			0.41
STDEV	0.63		0.17		0.63			



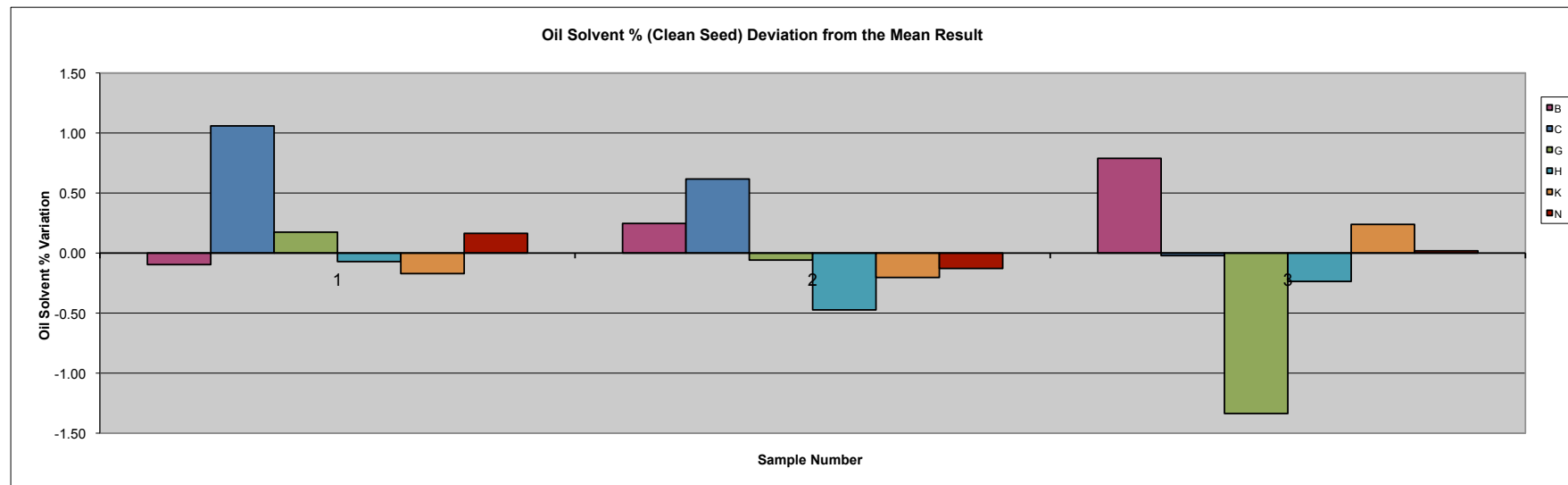
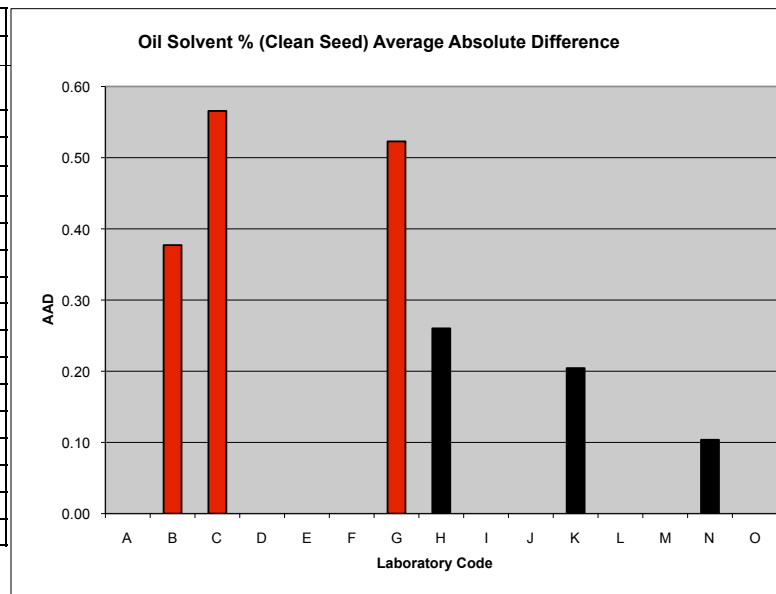
**2014 AOF Test Check Program
Round 1 Summary - January**

Oil Rapid % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	37.35	-0.11	43.00	-0.09	45.10	-0.15	-0.12	0.12
B								
C	37.65	0.19	43.40	0.31	45.30	0.05	0.18	0.18
D	37.37	-0.09	44.08	0.98	47.13	1.88	0.92	0.99
E	37.15	-0.31	44.00	0.91	45.40	0.15	0.25	0.46
F								
G	37.05	-0.41	43.20	0.11	44.90	-0.35	-0.22	0.29
H	35.95	-1.51	43.25	0.16	44.00	-1.25	-0.87	0.97
I								
J	37.74	0.28	42.99	-0.11	45.09	-0.16	0.00	0.18
K	37.93	0.47	43.32	0.23	45.64	0.39	0.36	0.36
L								
M	38.00	0.54	43.00	-0.09	45.45	0.20	0.22	0.28
N	36.75	-0.71	43.10	0.01	45.65	0.40	-0.10	0.37
O	37.60	0.14	42.60	-0.49	44.70	-0.55	-0.30	0.39
MEAN	37.46		43.10		45.25			0.42
STDEV	0.40		0.24		0.33			



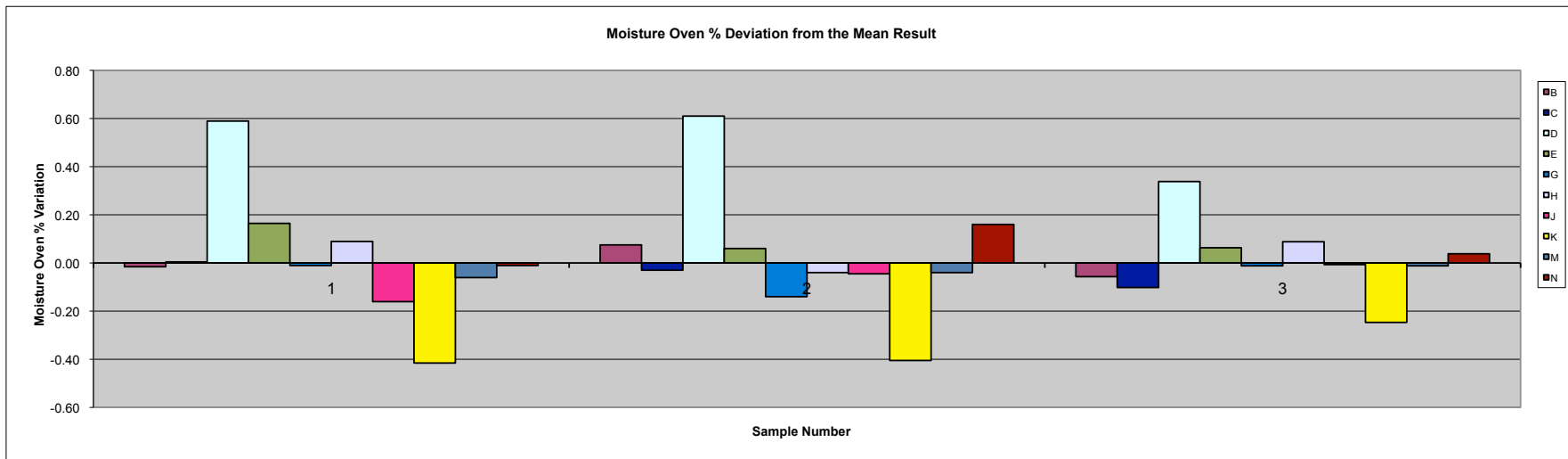
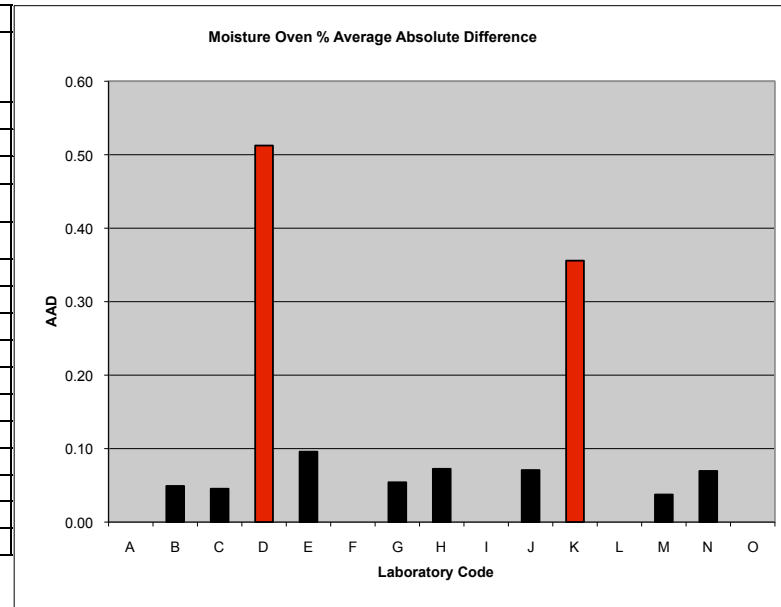
**2014 AOF Test Check Program
Round 1 Summary - January**

Oil Solvent % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	36.93	-0.10	43.32	0.25	46.53	0.79	0.31	0.38
C	38.08	1.06	43.69	0.62	45.72	-0.02	0.55	0.57
D								
E								
F								
G	37.20	0.17	43.02	-0.06	44.40	-1.34	-0.41	0.52
H	36.95	-0.07	42.60	-0.47	45.50	-0.24	-0.26	0.26
I								
J								
K	36.85	-0.17	42.87	-0.20	45.98	0.24	-0.05	0.20
L								
M								
N	37.19	0.16	42.95	-0.13	45.76	0.02	0.02	0.10
O								
MEAN	37.02		43.07		45.74			0.34
STDEV	0.16		0.38		0.19			



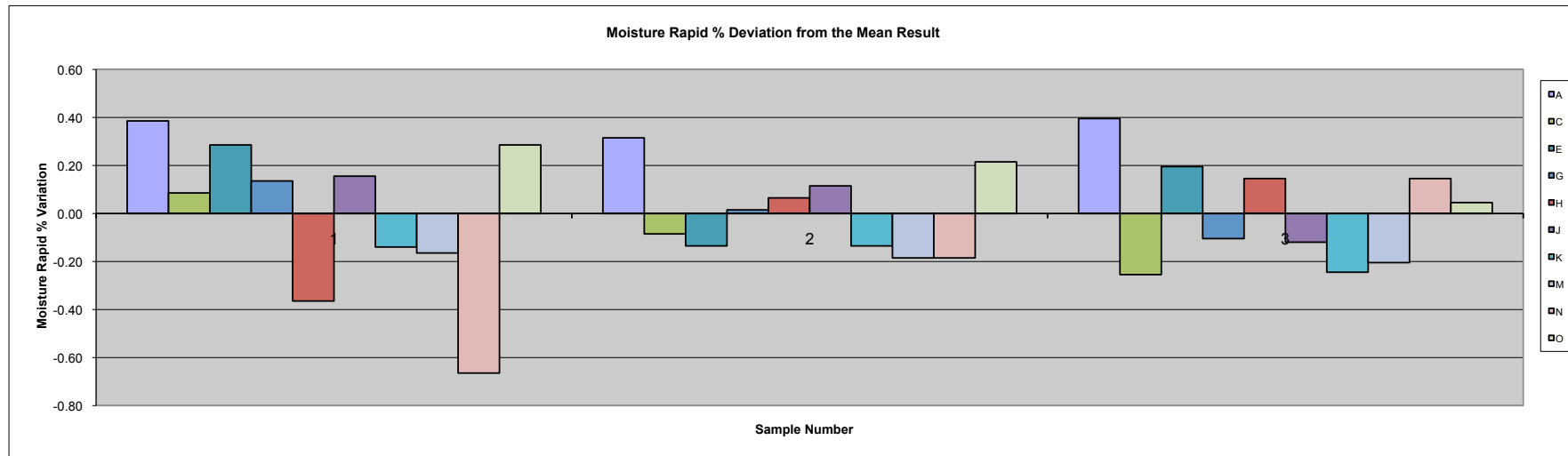
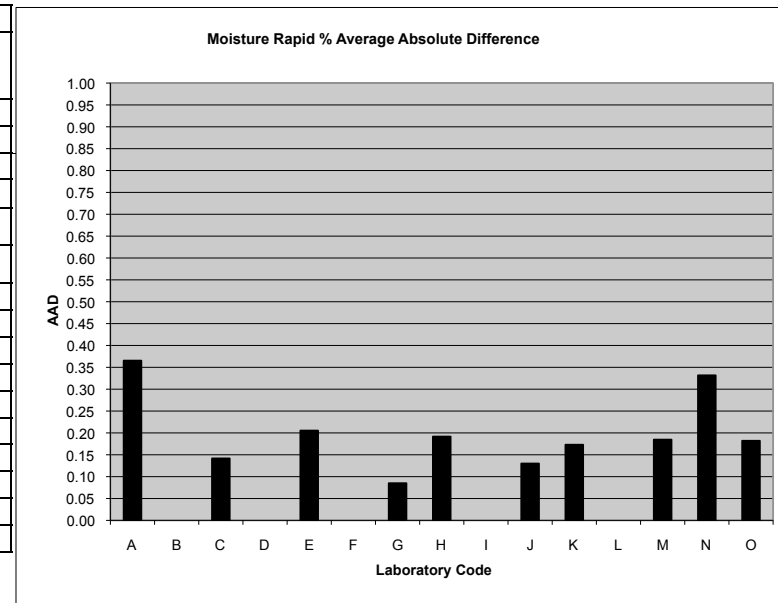
**2014 AOF Test Check Program
Round 1 Summary - January**

Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	7.35	-0.02	6.72	0.07	5.51	-0.06	0.00	0.05
C	7.37	0.00	6.61	-0.03	5.46	-0.10	-0.04	0.05
D	7.95	0.59	7.25	0.61	5.90	0.34	0.51	0.51
E	7.53	0.16	6.70	0.06	5.63	0.06	0.10	0.10
F								
G	7.35	-0.01	6.50	-0.14	5.55	-0.01	-0.05	0.05
H	7.45	0.09	6.60	-0.04	5.65	0.09	0.05	0.07
I								
J	7.20	-0.16	6.60	-0.04	5.56	-0.01	-0.07	0.07
K	6.95	-0.42	6.24	-0.41	5.32	-0.25	-0.36	0.36
L								
M	7.30	-0.06	6.60	-0.04	5.55	-0.01	-0.04	0.04
N	7.35	-0.01	6.80	0.16	5.60	0.04	0.06	0.07
O								
MEAN	7.36		6.64		5.56			0.14
STDEV	0.10		0.09		0.06			



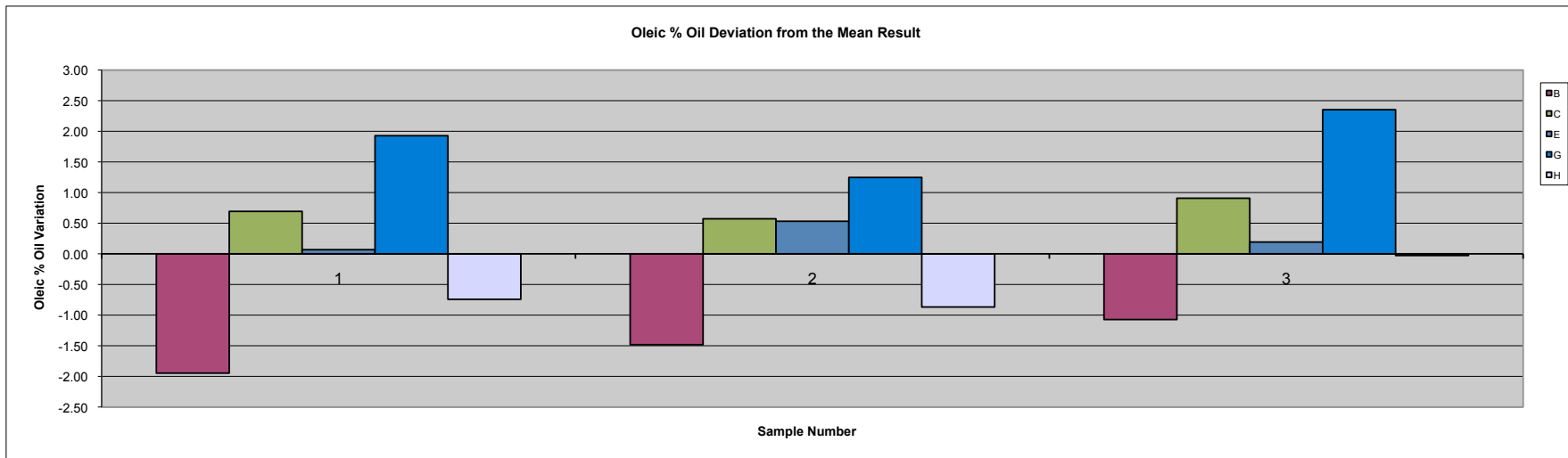
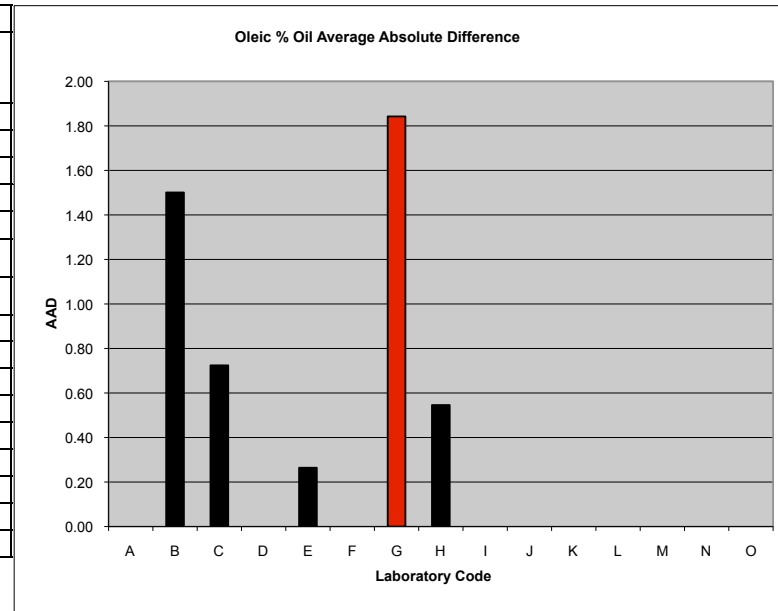
**2014 AOF Test Check Program
Round 1 Summary - January**

Moisture Rapid % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	7.95	0.39	7.05	0.32	6.15	0.40	0.37	0.37
B								
C	7.65	0.09	6.65	-0.08	5.50	-0.25	-0.08	0.14
D								
E	7.85	0.29	6.60	-0.14	5.95	0.20	0.12	0.21
F								
G	7.70	0.14	6.75	0.02	5.65	-0.10	0.02	0.08
H	7.20	-0.36	6.80	0.07	5.90	0.15	-0.05	0.19
I								
J	7.72	0.16	6.85	0.12	5.64	-0.12	0.05	0.13
K	7.43	-0.14	6.60	-0.14	5.51	-0.24	-0.17	0.17
L								
M	7.40	-0.16	6.55	-0.19	5.55	-0.20	-0.18	0.18
N	6.90	-0.66	6.55	-0.19	5.90	0.15	-0.23	0.33
O	7.85	0.29	6.95	0.22	5.80	0.05	0.18	0.18
MEAN	7.56		6.74		5.75			0.20
STDEV	0.33		0.17		0.22			



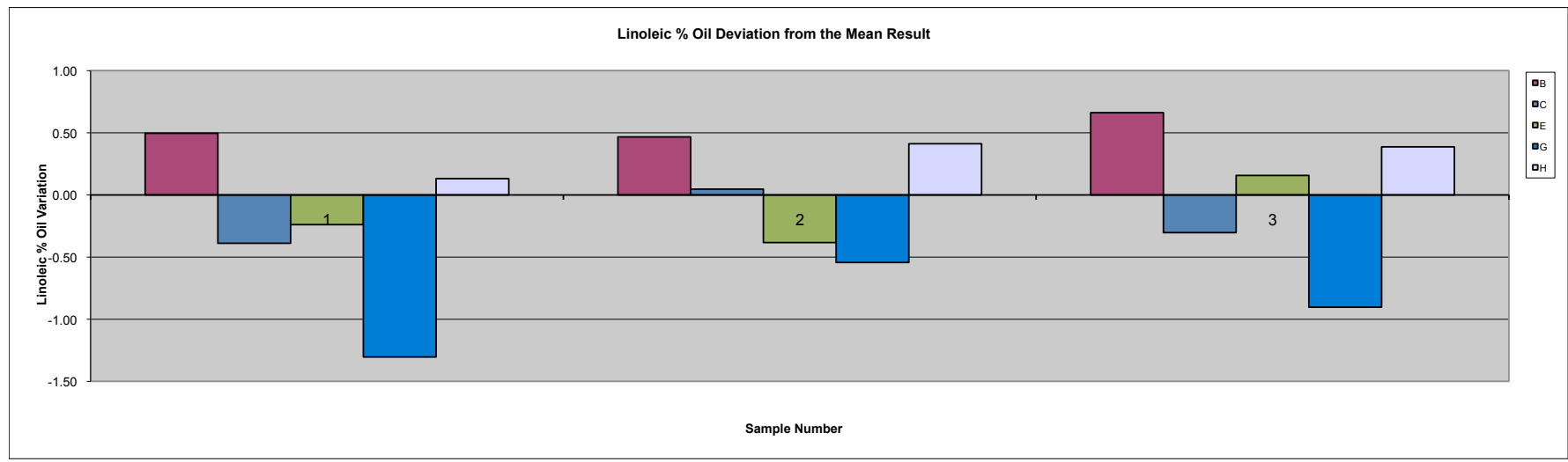
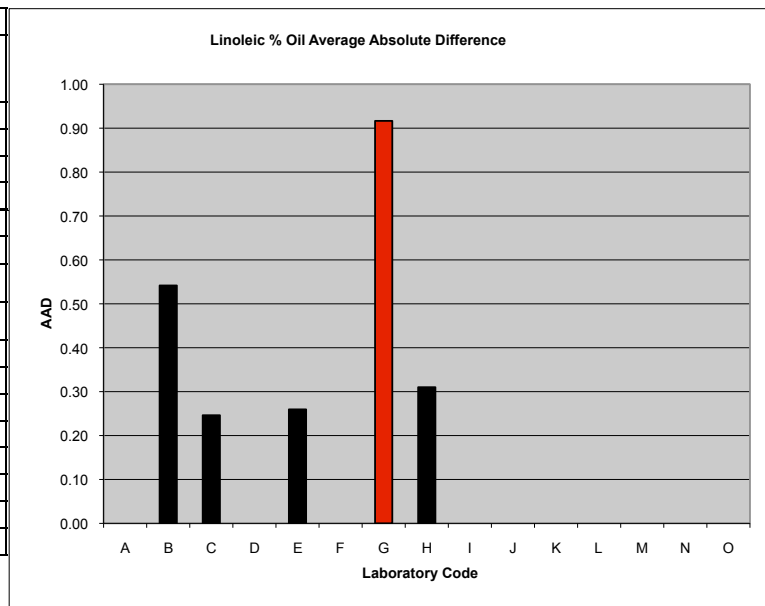
**2014 AOF Test Check Program
Round 1 Summary - January**

Oleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	65.38	-1.95	69.02	-1.48	59.95	-1.07	-1.50	1.50
C	68.02	0.69	71.07	0.57	61.93	0.91	0.72	0.72
D								
E	67.39	0.07	71.03	0.53	61.21	0.19	0.26	0.26
F								
G	69.25	1.93	71.75	1.25	63.37	2.35	1.84	1.84
H	66.58	-0.74	69.63	-0.87	60.99	-0.03	-0.55	0.55
I								
J								
K								
L								
M								
N								
O								
MEAN	67.32		70.50		61.02			0.98
STDEV	1.46		1.13		0.82			



**2014 AOF Test Check Program
Round 1 Summary - January**

Linoleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	15.58	0.50	13.46	0.47	21.43	0.66	0.54	0.54
C	14.69	-0.39	13.04	0.05	20.46	-0.30	-0.21	0.25
D								
E	14.84	-0.24	12.61	-0.38	20.92	0.16	-0.15	0.26
F								
G	13.78	-1.30	12.45	-0.54	19.86	-0.90	-0.92	0.92
H	15.21	0.13	13.41	0.41	21.15	0.39	0.31	0.31
I								
J								
K								
L								
M								
N								
O								
MEAN	15.08		12.99		20.76			0.45
STDEV	0.40		0.46		0.62			



**2014 AOF Test Check Program
Round 1 Summary - January**

Free Fatty Acid % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	0.13	-0.16	0.11	-0.11	0.10	-0.09	-0.12	0.12
C	0.18	-0.10	0.17	-0.05	0.15	-0.05	-0.07	0.07
D								
E	0.77	0.48	0.53	0.31	0.49	0.30	0.36	0.36
F								
G	0.28	0.00	0.25	0.02	0.23	0.03	0.02	0.02
H	0.21	-0.08	0.16	-0.06	0.15	-0.05	-0.06	0.06
I								
J								
K	0.14	-0.14	0.12	-0.10	0.13	-0.06	-0.10	0.10
L								
M								
N								
O								
MEAN	0.28		0.22		0.19			0.12
STDEV	0.24		0.16		0.14			

