



2014 AOF Test Check Program
Monthly Report
Round 7
July - 2014
01/07/2014 – 01/08/2014

Result Receival Dates

Lab Code	Date
A	07/07/2014
B	31/07/2014
C	31/07/2014
D	21/07/2014
E	15/07/2014
F	-
G	31/07/2014
H	31/07/2014
I	-
J	23/07/2014
K	28/07/2014
L	25/07/2014
M	15/07/2014
N	15/07/2014
O	21/07/2014
Q	07/07/2014
R	08/07/2014

Discussion of Results

Test Weight

Sample 1 – Outliers were identified for Lab **B**, **C** and **D**. Lab **B** and **C** result in a 0.63 and 0.28 h/L discrepancy, respectively, from the upper quartile limit (69.25 h/L). Lab **D** was 3.99 h/L discrepancy from the lower quartile limit (65.10%).

Sample 2 – One outlier was identified for Lab **D** with a 0.57 h/L discrepancy from the lower quartile limit (66.74 h/L).

Sample 3 – No outliers were observed.



2014 AOF Test Check Program
Monthly Report
Round 7
July - 2014
01/07/2014 – 01/08/2014

Impurities

Sample 1 – One outlier was identified for Lab **B** with a 0.74 of a percent discrepancy from the upper quartile limit (2.54%).

Sample 2 – No outliers were observed.

Sample 3 – Outliers, identified for Lab **D** and **E**, were 0.8 and 0.5 of a percent discrepancy, respectively, from the lower quartile limit (4.3%).

Oil Rapid

Sample 1 – One outlier was identified for Lab **N** with a 0.88 of a percent discrepancy from the lower quartile limit (38.63%).

Sample 2 – No outliers were observed.

Sample 3 – No outliers were observed.

Oil Solvent Extraction

Sample 1 – Outliers, identified for Lab **H** and **R**, were 0.46 and 0.02 of a percent discrepancy, respectively, from the lower quartile limit (37.91%).

Sample 2 – No outliers were observed.

Sample 3 – No outliers were observed.

Moisture Oven

Sample 1 – Outliers were identified for Lab **D** and **R**. Lab **D** was 0.06 of a percent discrepancy from the upper quartile limit (8.29%). Lab **R** was 0.35 of a percent discrepancy from the lower quartile limit (7.34%).

Sample 2 – Outliers were identified for Lab **D**, **E** and **R**. Lab **D** and **E** result in a 0.68 and 0.16 of a percent discrepancy, respectively, from the upper quartile limit (6.82%). Lab **R** was 0.64 of a percent discrepancy from the lower quartile limit (6.28%).

Sample 3 – Outliers were identified for Lab **D** and **R**. Lab **D** was 0.63 of a percent discrepancy from the upper quartile limit (5.67%). Lab **R** was 0.59 of a percent discrepancy from the lower quartile limit (5.07%).



2014 AOF Test Check Program
Monthly Report
Round 7
July - 2014
01/07/2014 – 01/08/2014

Moisture Rapid

Sample 1 – Outliers, identified for Lab **N** and **Q**, were 0.09 and 0.19 of a percent discrepancy, respectively, from the lower quartile limit (7.59%).

Sample 2 – No outliers were observed.

Sample 3 – No outliers were observed.

Oleic Oil

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab **E** with a 0.83 of a percent discrepancy from the upper quartile limit (65.05%).

Sample 3 – One outlier was identified for Lab **E** with a 0.72 of a percent discrepancy from the upper quartile limit (65.28%).

Linoleic Oil

Sample 1 – One outlier was identified for Lab **E** with a 0.18 of a percent discrepancy from the lower quartile limit (12.63%).

Sample 2 – One outlier was identified for Lab **E** with a 0.47 of a percent discrepancy from the lower quartile limit (18.23%).

Sample 3 – One outlier was identified for Lab **E** with a 0.14 of a percent discrepancy from the lower quartile limit (17.33%).

Free Fatty Acid

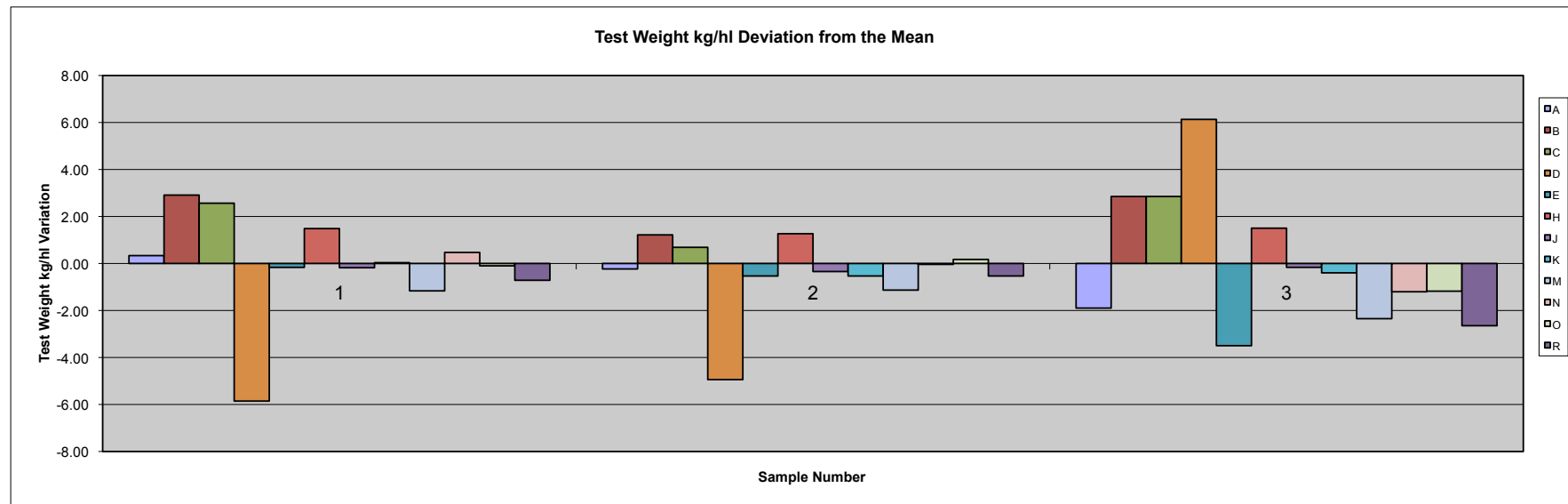
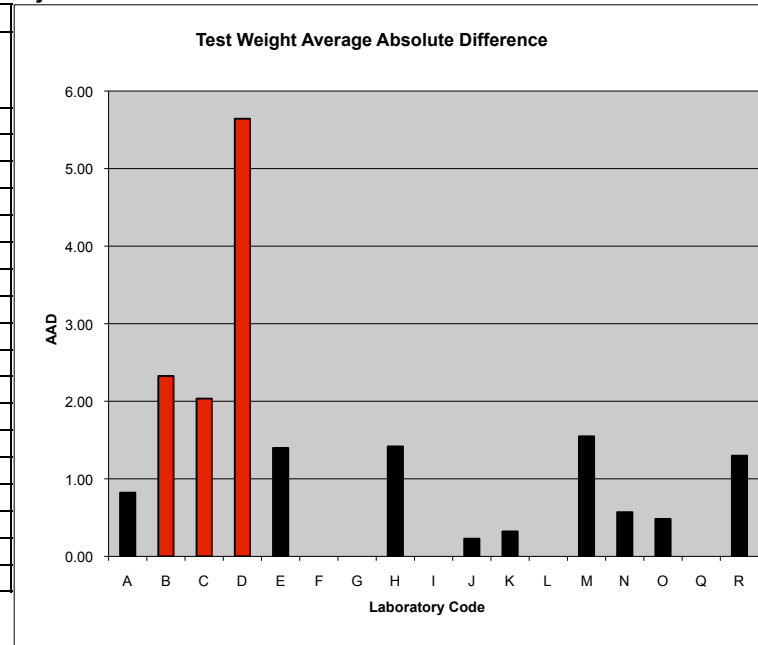
Sample 1 – One outlier was identified for Lab **E** with a 0.03 of a percent discrepancy from the upper quartile limit (0.59%).

Sample 2 – One outlier was identified for Lab **E** with a 0.09 of a percent discrepancy from the upper quartile limit (0.55%).

Sample 3 – No outliers were observed.

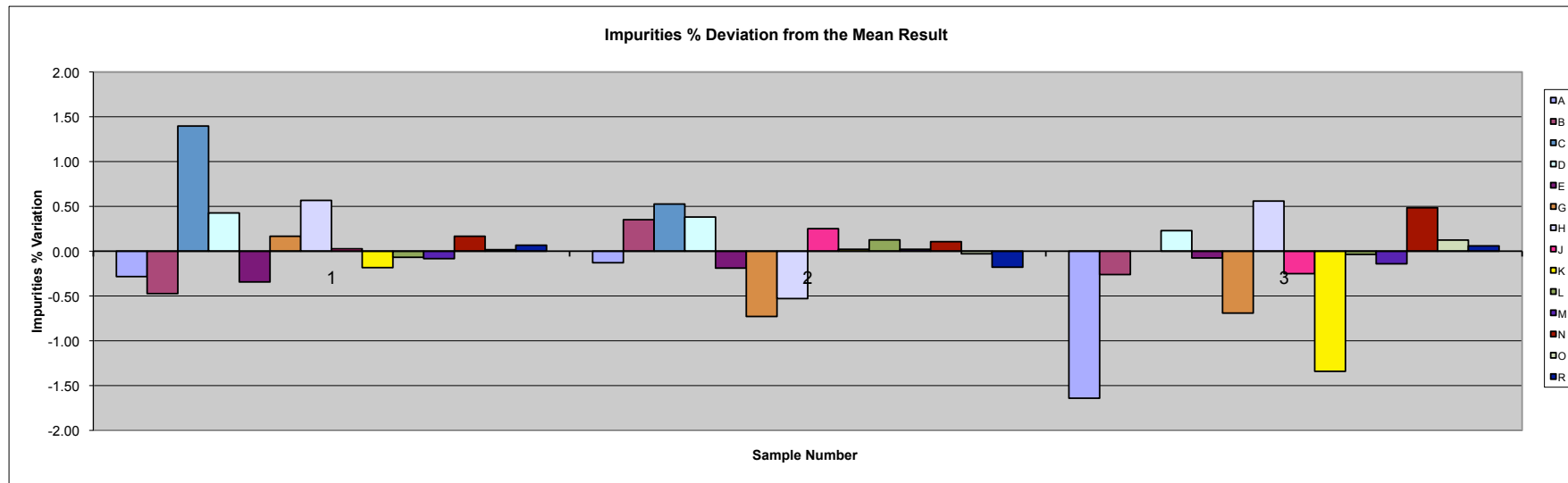
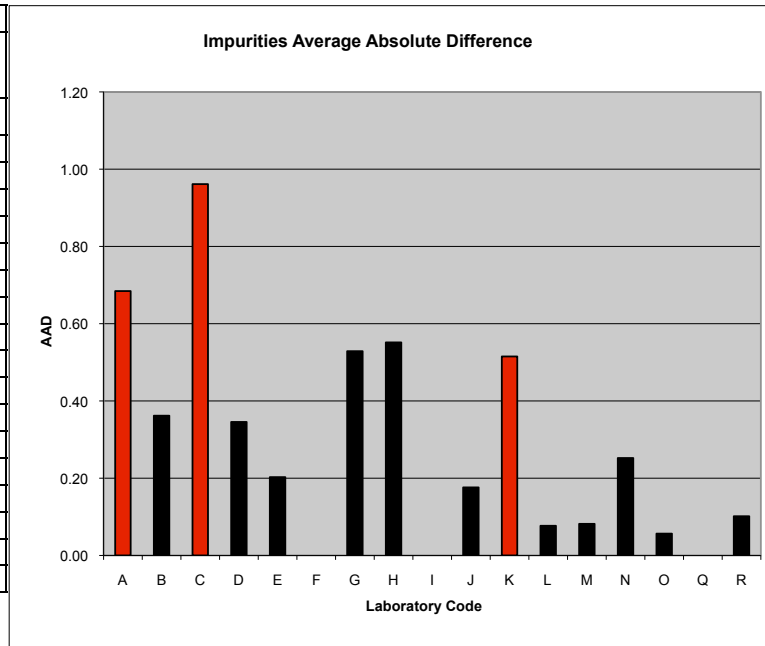
**2014 AOF Test Check Program
Round 7 Summary - July**

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	67.30	0.34	68.30	-0.23	61.50	-1.90	-0.60	0.82
B	69.88	2.91	69.75	1.22	66.25	2.85	2.33	2.33
C	69.53	2.57	69.22	0.69	66.25	2.85	2.03	2.03
D	61.11	-5.86	63.59	-4.94	69.53	6.13	-1.56	5.64
E	66.80	-0.17	68.00	-0.53	59.90	-3.50	-1.40	1.40
F								
G								
H	68.45	1.49	69.80	1.27	64.90	1.50	1.42	1.42
I								
J	66.79	-0.18	68.19	-0.34	63.24	-0.16	-0.23	0.23
K	67.00	0.03	68.00	-0.53	63.00	-0.40	-0.30	0.32
L								
M	65.80	-1.17	67.40	-1.13	61.05	-2.35	-1.55	1.55
N	67.44	0.47	68.50	-0.04	62.20	-1.20	-0.26	0.57
O	66.87	-0.10	68.71	0.17	62.22	-1.18	-0.37	0.48
Q								
R	66.25	-0.72	68.00	-0.53	60.75	-2.65	-1.30	1.30
MEAN	66.97		68.53		63.40			1.51
STDEV	0.75		0.77		2.82			



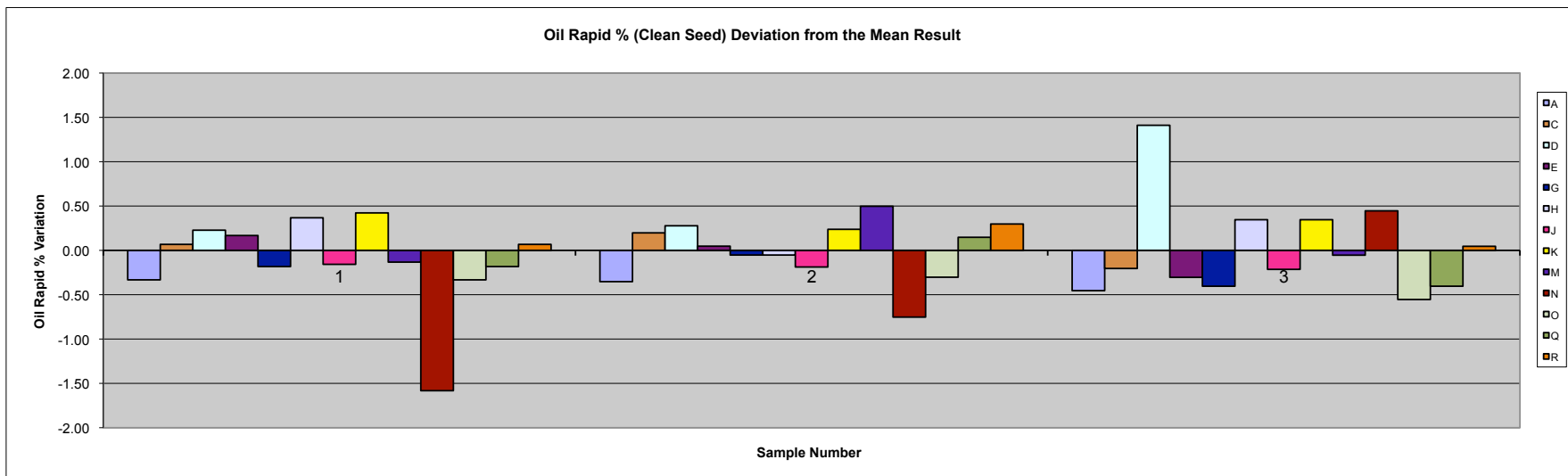
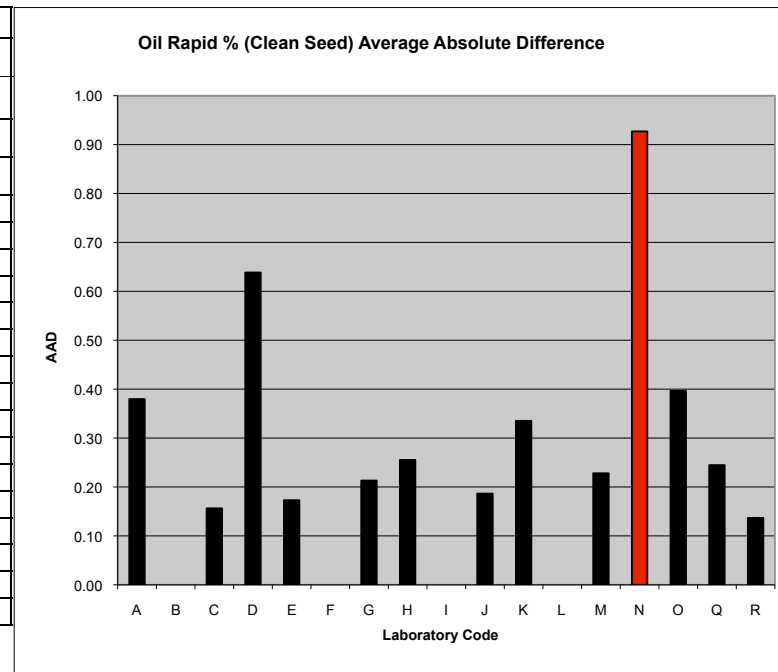
**2014 AOF Test Check Program
Round 7 Summary - July**

Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	1.60	-0.28	1.35	-0.13	3.50	-1.64	-0.68	0.68
B	1.41	-0.47	1.83	0.35	4.88	-0.26	-0.13	0.36
C	3.28	1.40	2.01	0.53			0.96	0.96
D	2.31	0.43	1.86	0.38	5.37	0.23	0.35	0.35
E	1.54	-0.34	1.29	-0.19	5.07	-0.08	-0.20	0.20
F								
G	2.05	0.17	0.75	-0.73	4.45	-0.69	-0.42	0.53
H	2.45	0.57	0.95	-0.53	5.70	0.56	0.20	0.55
I								
J	1.91	0.03	1.73	0.25	4.89	-0.25	0.01	0.18
K	1.70	-0.18	1.50	0.02	3.80	-1.34	-0.50	0.52
L	1.82	-0.07	1.61	0.13	5.11	-0.04	0.01	0.08
M	1.80	-0.08	1.50	0.02	5.00	-0.14	-0.07	0.08
N	2.05	0.17	1.59	0.11	5.63	0.48	0.25	0.25
O	1.90	0.02	1.45	-0.03	5.27	0.12	0.04	0.06
Q								
R	1.95	0.07	1.30	-0.18	5.20	0.06	-0.02	0.10
MEAN	1.88		1.48		5.14			0.35
STDEV	0.29		0.34		0.35			



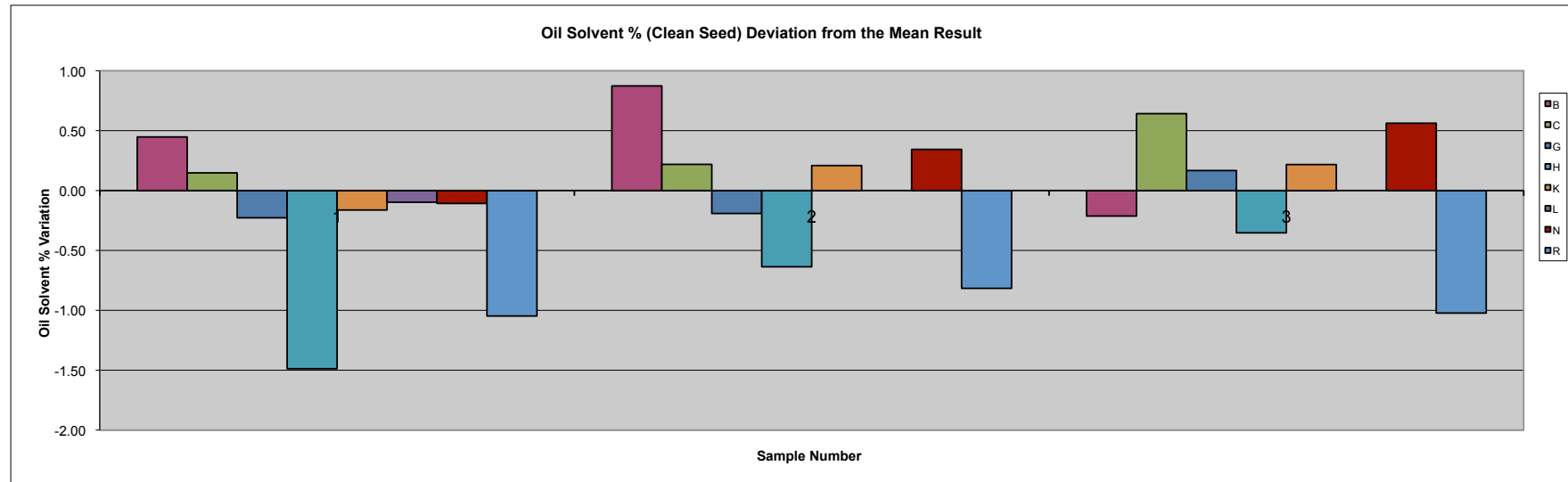
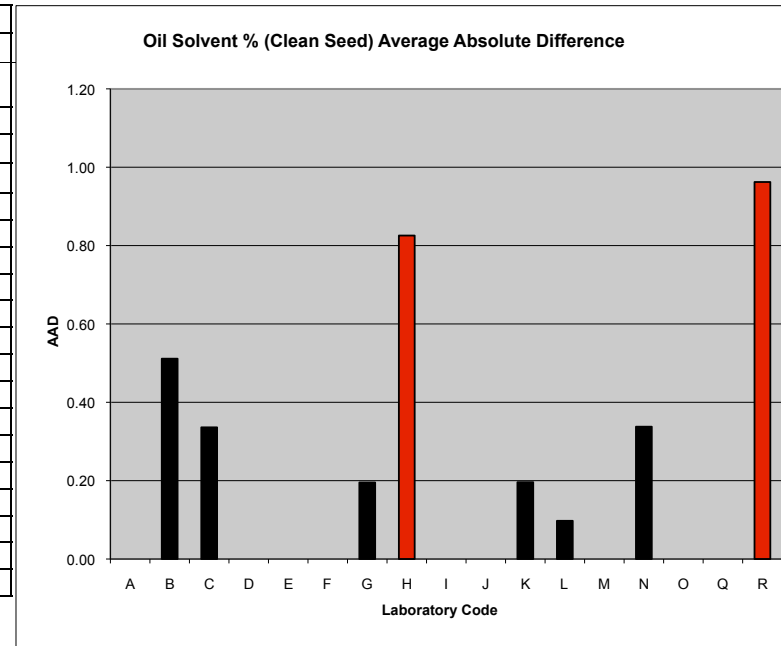
**2014 AOF Test Check Program
Round 7 Summary - July**

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	39.00	-0.33	42.10	-0.35	44.10	-0.45	-0.38	0.38
B								
C	39.40	0.07	42.65	0.20	44.35	-0.20	0.02	0.16
D	39.56	0.23	42.73	0.28	45.97	1.41	0.64	0.64
E	39.50	0.17	42.50	0.05	44.25	-0.30	-0.03	0.17
F								
G	39.15	-0.18	42.40	-0.05	44.15	-0.40	-0.21	0.21
H	39.70	0.37	42.40	-0.05	44.90	0.35	0.22	0.26
I								
J	39.18	-0.16	42.27	-0.19	44.34	-0.21	-0.19	0.19
K	39.76	0.42	42.69	0.24	44.90	0.35	0.34	0.34
L								
M	39.20	-0.13	42.95	0.50	44.50	-0.05	0.10	0.23
N	37.75	-1.58	41.70	-0.75	45.00	0.45	-0.63	0.93
O	39.00	-0.33	42.15	-0.30	44.00	-0.55	-0.40	0.40
Q	39.15	-0.18	42.60	0.15	44.15	-0.40	-0.15	0.24
R	39.40	0.07	42.75	0.30	44.60	0.05	0.14	0.14
MEAN	39.33		42.45		44.55			0.33
STDEV	0.26		0.34		0.54			



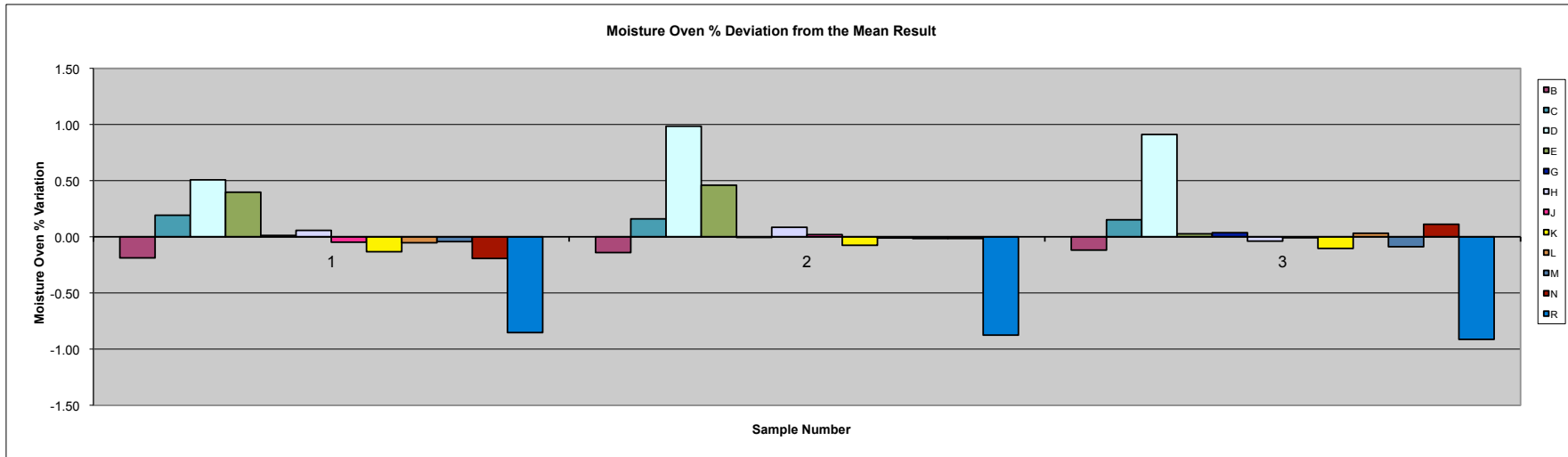
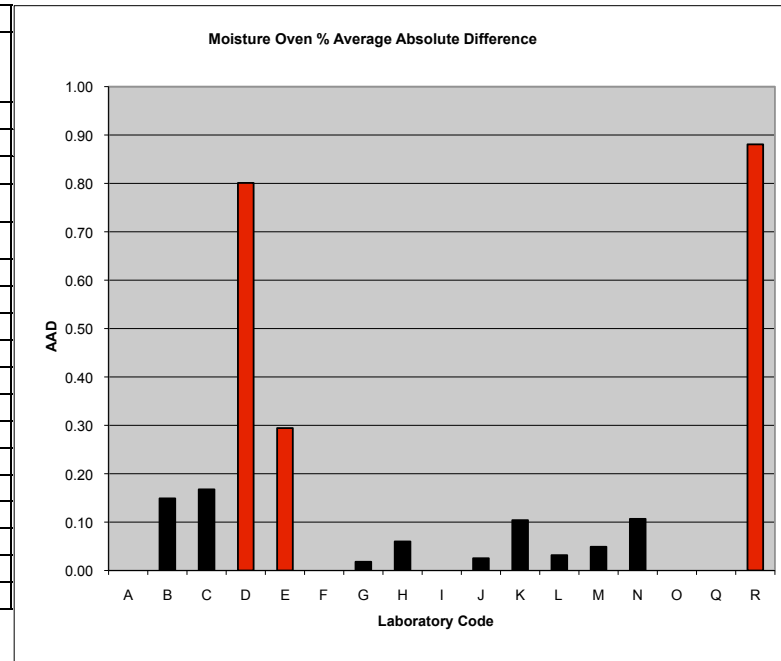
**2014 AOF Test Check Program
Round 7 Summary - July**

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	39.39	0.45	42.46	0.87	44.19	-0.21	0.37	0.51
C	39.09	0.15	41.81	0.22	45.05	0.64	0.34	0.34
D								
E								
F								
G	38.71	-0.23	41.40	-0.19	44.57	0.17	-0.08	0.20
H	37.45	-1.49	40.95	-0.64	44.05	-0.35	-0.83	0.83
I								
J								
K	38.78	-0.16	41.80	0.21	44.62	0.22	0.09	0.20
L	38.84	-0.10					-0.10	0.10
M								
N	38.83	-0.11	41.93	0.34	44.97	0.56	0.27	0.34
O								
Q								
R	37.89	-1.05	40.77	-0.82	43.38	-1.02	-0.96	0.96
MEAN	38.94		41.59		44.40			0.43
STDEV	0.25		0.59		0.58			



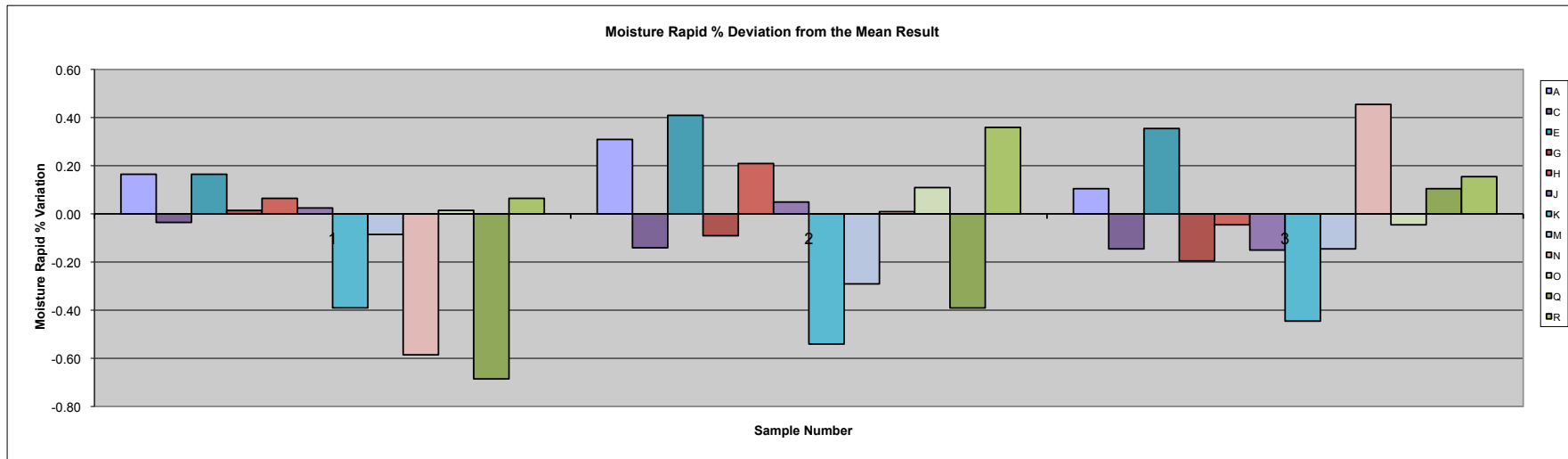
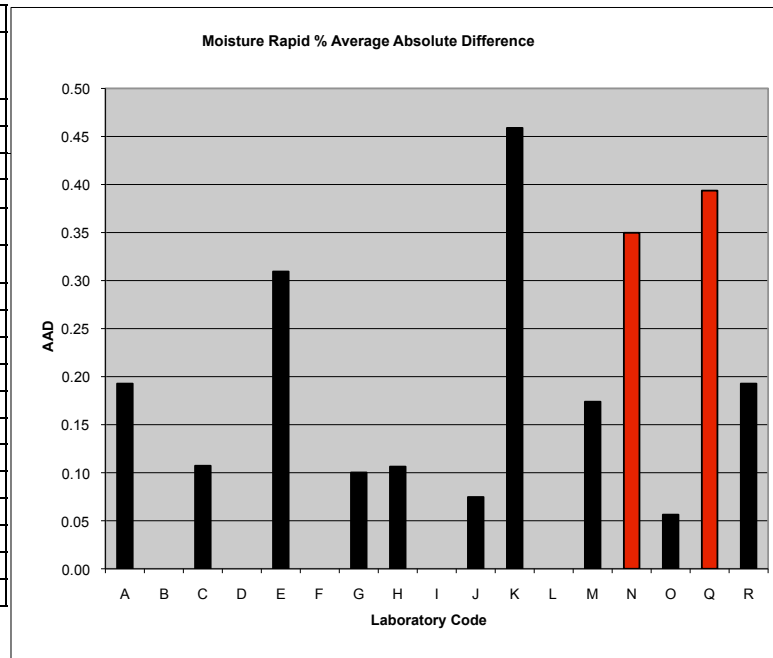
**2014 AOF Test Check Program
Round 7 Summary - July**

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	7.66	-0.19	6.38	-0.14	5.27	-0.12	-0.15	0.15
C	8.04	0.19	6.68	0.16	5.54	0.15	0.17	0.17
D	8.35	0.51	7.50	0.98	6.30	0.91	0.80	0.80
E	8.24	0.40	6.98	0.46	5.42	0.03	0.29	0.29
F								
G	7.86	0.01	6.51	-0.01	5.43	0.04	0.01	0.02
H	7.90	0.06	6.60	0.08	5.35	-0.04	0.03	0.06
I								
J	7.80	-0.05	6.54	0.02	5.38	-0.01	-0.01	0.03
K	7.71	-0.13	6.44	-0.08	5.29	-0.10	-0.10	0.10
L	7.79	-0.05	6.51	-0.01	5.42	0.03	-0.01	0.03
M	7.80	-0.04	6.50	-0.02	5.30	-0.09	-0.05	0.05
N	7.65	-0.19	6.50	-0.02	5.50	0.11	-0.03	0.11
O								
Q								
R	6.99	-0.85	5.64	-0.88	4.48	-0.91	-0.88	0.88
MEAN	7.84		6.52		5.39			0.22
STDEV	0.18		0.09		0.09			



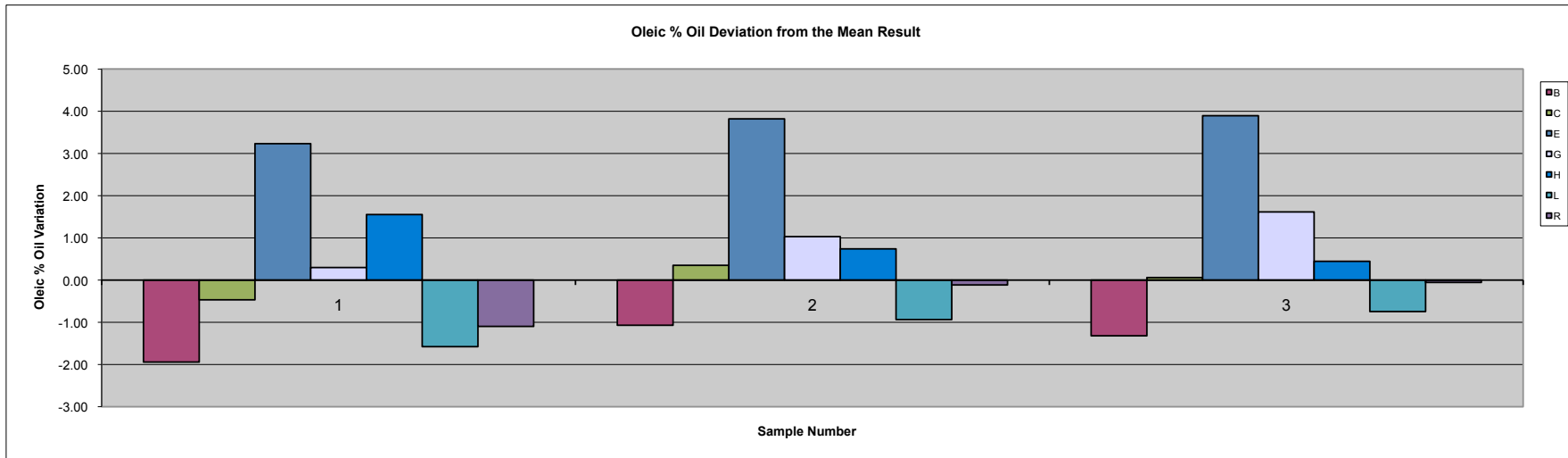
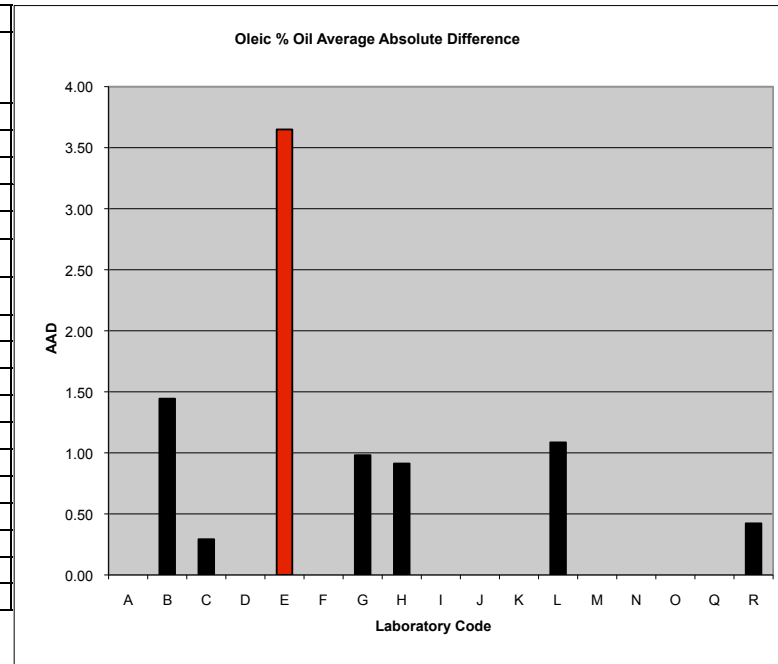
**2014 AOF Test Check Program
Round 7 Summary - July**

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	8.25	0.16	6.70	0.31	5.40	0.10	0.19	0.19	
B									
C	8.05	-0.04	6.25	-0.14	5.15	-0.15	-0.11	0.11	
D									
E	8.25	0.16	6.80	0.41	5.65	0.35	0.31	0.31	
F									
G	8.10	0.01	6.30	-0.09	5.10	-0.20	-0.09	0.10	
H	8.15	0.06	6.60	0.21	5.25	-0.05	0.08	0.11	
I									
J	8.11	0.02	6.44	0.05	5.15	-0.15	-0.03	0.07	
K	7.70	-0.39	5.85	-0.54	4.85	-0.45	-0.46	0.46	
L									
M	8.00	-0.09	6.10	-0.29	5.15	-0.15	-0.17	0.17	
N	7.50	-0.59	6.40	0.01	5.75	0.45	-0.04	0.35	
O	8.10	0.01	6.50	0.11	5.25	-0.05	0.03	0.06	
Q	7.40	-0.69	6.00	-0.39	5.40	0.10	-0.32	0.39	
R	8.15	0.06	6.75	0.36	5.45	0.15	0.19	0.19	
MEAN	8.09		6.39		5.30			0.21	
STDEV	0.16		0.30		0.25				



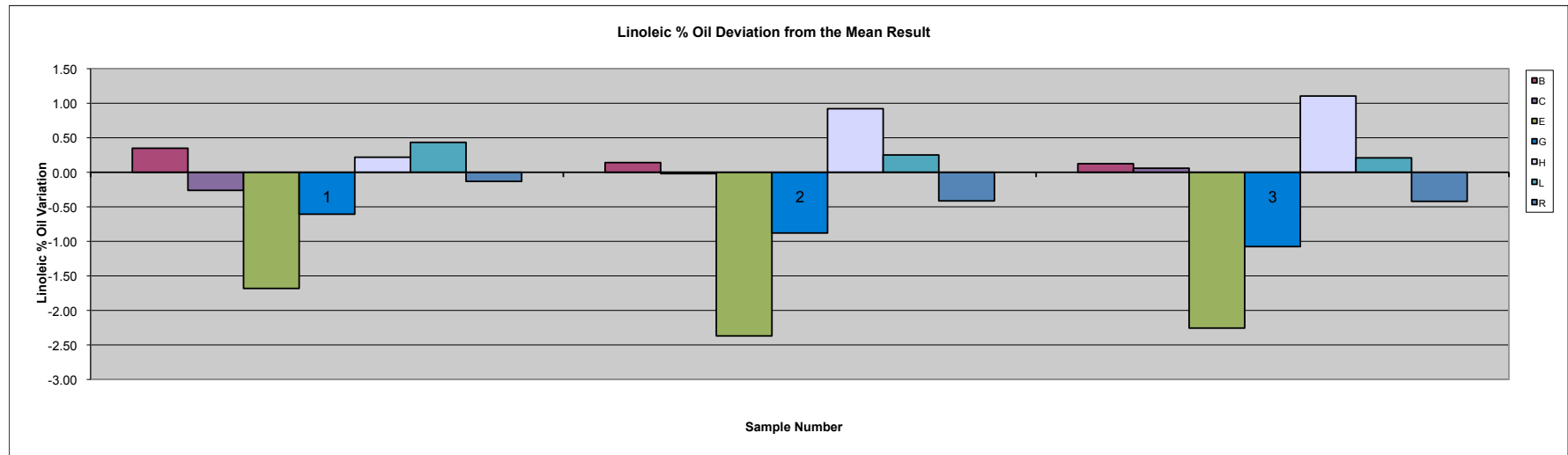
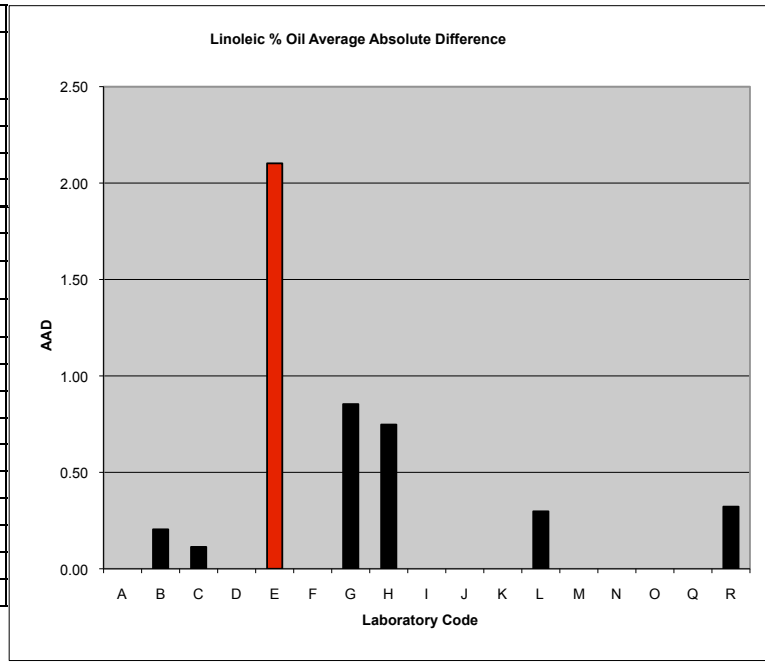
**2014 AOF Test Check Program
Round 7 Summary - July**

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	67.71	-1.94	60.99	-1.07	60.79	-1.32	-1.44	1.44
C	69.18	-0.47	62.41	0.35	62.17	0.06	-0.02	0.29
D								
E	72.88	3.23	65.88	3.82	66.00	3.90	3.65	3.65
F								
G	69.95	0.30	63.09	1.03	63.72	1.62	0.98	0.98
H	71.20	1.55	62.80	0.74	62.55	0.45	0.91	0.91
I								
J								
K								
L	68.07	-1.58	61.13	-0.94	61.36	-0.74	-1.09	1.09
M								
N								
O								
Q								
R	68.55	-1.10	61.95	-0.12	62.05	-0.05	-0.42	0.42
MEAN	69.65		62.06		62.11			1.26
STDEV	1.85		0.87		1.01			



**2014 AOF Test Check Program
Round 7 Summary - July**

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	14.48	0.35	20.27	0.14	19.57	0.12	0.20	0.20
C	13.87	-0.26	20.11	-0.02	19.51	0.06	-0.07	0.11
D								
E	12.45	-1.68	17.76	-2.37	17.19	-2.26	-2.10	2.10
F								
G	13.53	-0.61	19.25	-0.88	18.37	-1.08	-0.85	0.85
H	14.35	0.22	21.05	0.92	20.55	1.10	0.75	0.75
I								
J								
K								
L	14.57	0.43	20.38	0.25	19.66	0.21	0.30	0.30
M								
N								
O								
Q								
R	14.00	-0.13	19.72	-0.41	19.03	-0.42	-0.32	0.32
MEAN	14.13		20.13		19.45			0.66
STDEV	0.40		0.61		0.72			



**2014 AOF Test Check Program
Round 7 Summary - July**

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	0.25	-0.03	0.17	-0.07	0.08	-0.11	-0.07	0.07
C	0.11	-0.17	0.24	0.00	0.23	0.04	-0.04	0.07
D								
E	0.62	0.34	0.55	0.31	0.41	0.21	0.29	0.29
F								
G	0.42	0.14	0.35	0.11	0.25	0.05	0.10	0.10
H	0.22	-0.06	0.17	-0.08	0.09	-0.10	-0.08	0.08
I								
J								
K	0.25	-0.03	0.23	-0.01	0.12	-0.08	-0.04	0.04
L	0.37	0.08	0.30	0.06	0.20	0.01	0.05	0.05
M								
N								
O								
Q								
R	0.36	0.07	0.24	-0.01	0.16	-0.03	0.01	0.04
MEAN	0.28		0.24		0.19			0.10
STDEV	0.11		0.07		0.11			

