



2014 AOF Test Check Program
Monthly Report
Round 9
September - 2014
01/09/2014 – 01/10/2014

Result Receival Dates

Lab Code	Date
A	05/09/2014
B	25/09/2014
C	01/10/2014
D	29/09/2014
E	08/09/2014
F	-
G	29/09/2014
H	01/10/2014
I	30/09/2014
J	26/09/2014
K	01/10/2014
L	30/09/2014
M	01/10/2014
N	09/09/2014
O	26/09/2014
Q	17/09/2014
R	13/09/2014
S	26/09/2014

Discussion of Results

Test Weight

Sample 1 – One outlier was identified for Lab **D** with a 14.3 h/L discrepancy from the lower quartile limit (65.65 h/L).

Sample 2 – One outlier was identified for Lab **D** with a 2.11 h/L discrepancy from the lower quartile limit (64.98 h/L).

Sample 3 – One outlier was identified for Lab **D** with a 0.15 h/L discrepancy from the upper quartile limit (66.04 h/L).



2014 AOF Test Check Program
Monthly Report
Round 9
September - 2014
01/09/2014 – 01/10/2014

Impurities

No outliers were observed for this test.

Oil Rapid

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab **N** with a 0.48 of a percent discrepancy from the lower quartile limit (38.58%).

Sample 3 – No outliers were observed.

Oil Solvent Extraction

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab **S** with a 0.28 of a percent discrepancy from the lower quartile limit (40.18%).

Sample 3 – No outliers were observed.

Moisture Oven

Sample 1 – Outliers were identified for Lab **D** and **R**. Lab **D** was 0.11 of a percent discrepancy from the upper quartile limit (8.19%). Lab **R** was 0.63 of a percent discrepancy from the lower quartile limit (5.06%).

Sample 2 – Outliers were identified for Lab **C**, **D** and **S**. Lab **D** and **S** result in a 0.48 and 0.08 of a percent discrepancy, respectively, from the upper quartile limit (5.92%). Lab **R** was 0.41 of a percent discrepancy from the lower quartile limit (4.96%).

Sample 3 – Outliers were identified for Lab **D** and **R**. Lab **D** was 0.46 of a percent discrepancy from the upper quartile limit (5.94%). Lab **R** was 0.44 of a percent discrepancy from the lower quartile limit (4.82%).



2014 AOF Test Check Program
Monthly Report
Round 9
September - 2014
01/09/2014 – 01/10/2014

Moisture Rapid

Sample 1 – Outliers identified for labs **I** and **R** were 1.27 and 1.87 of a percent, respectively, from the lower quartile limit (7.07%).

Sample 2 – Outliers identified for labs **I** and **R** were 0.05 and 0.3 of a percent, respectively, from the lower quartile limit (4.80%).

Sample 3 – No outliers were observed.

Oleic Oil

Sample 1 – One outlier was identified for Lab **H** with a 2.01 of a percent discrepancy from the upper quartile limit (71.24%).

Sample 2 – One outlier was identified for Lab **H** with a 1.8 of a percent discrepancy from the upper quartile limit (66.3%).

Sample 3 – No outliers were observed.

Linoleic Oil

Sample 1 – No outliers were observed.

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for Lab **E** with a 0.63 of a percent discrepancy from the lower quartile limit (17.87%).

Free Fatty Acid

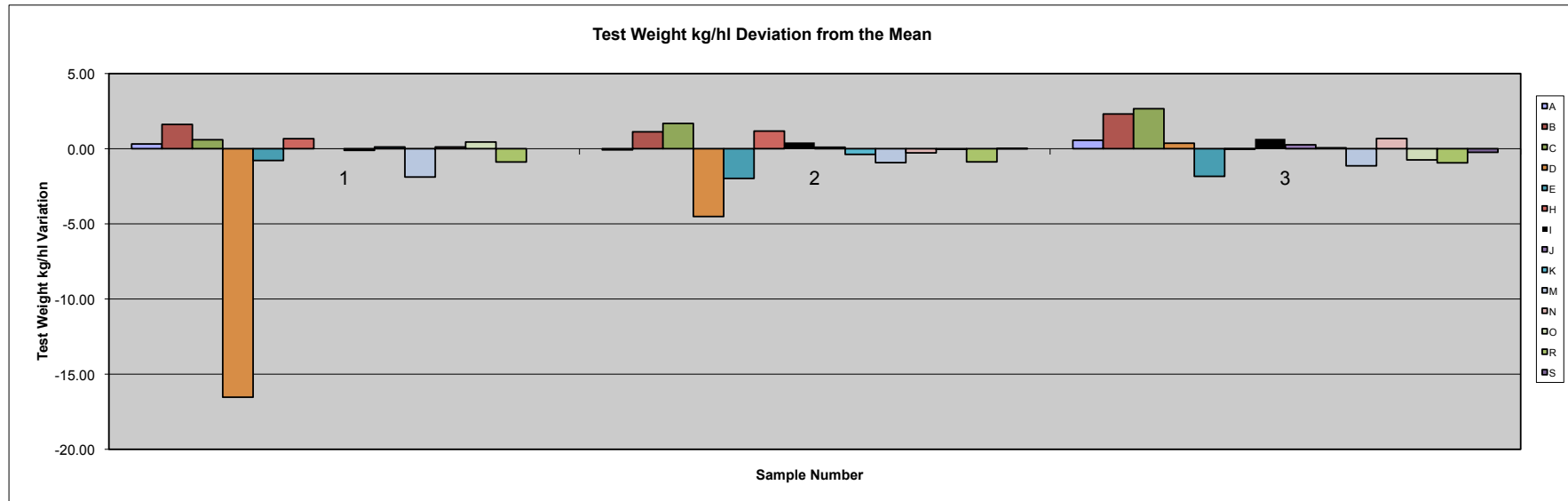
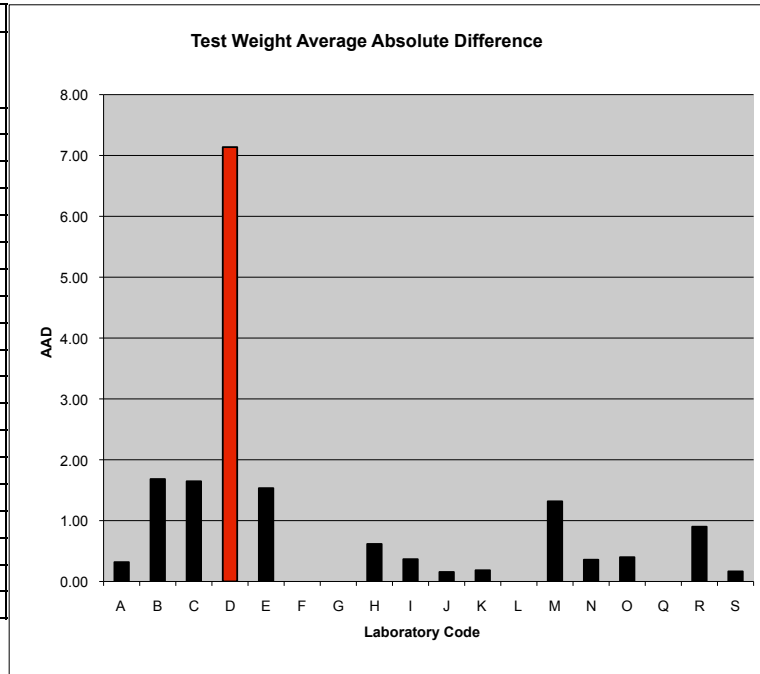
Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab **E** with a 0.04 of a percent discrepancy from the upper quartile limit (0.78%).

Sample 3 – One outlier was identified for Lab **E** with a 0.12 of a percent discrepancy from the upper quartile limit (0.35%).

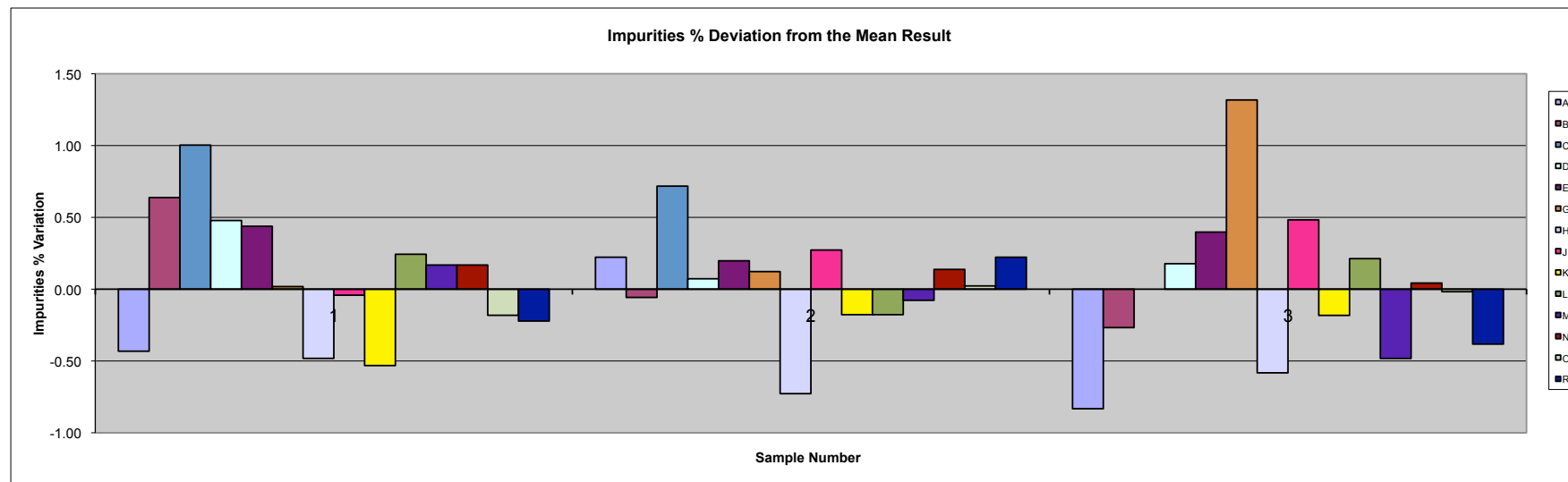
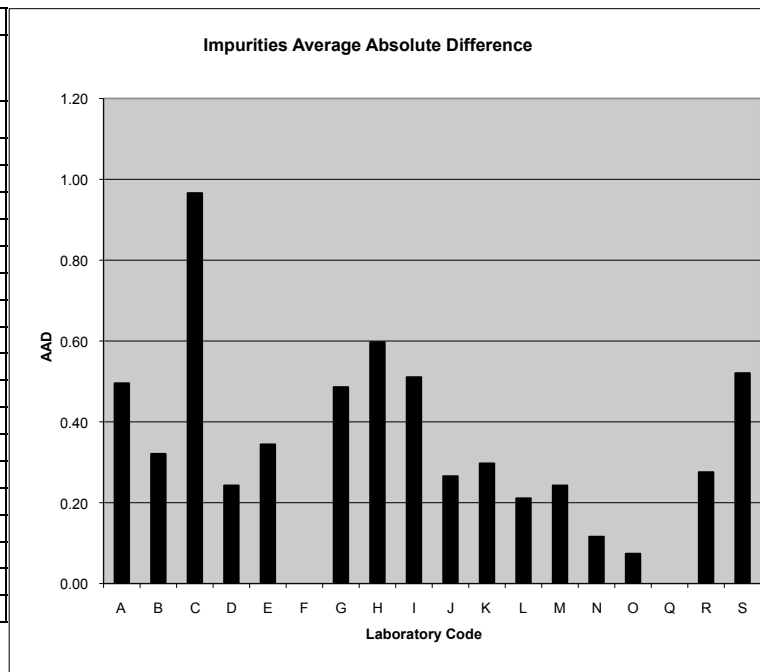
**2014 AOF Test Check Program
Round 9 Summary - September**

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	68.20	0.32	67.30	-0.08	64.50	0.56	0.27	0.32
B	69.50	1.62	68.50	1.12	66.25	2.31	1.68	1.68
C	68.48	0.60	69.06	1.68	66.60	2.66	1.65	1.65
D	51.35	-16.53	62.87	-4.51	64.31	0.37	-6.89	7.14
E	67.10	-0.78	65.40	-1.98	62.10	-1.84	-1.53	1.53
F								
G								
H	68.55	0.67	68.55	1.17	63.95	0.01	0.62	0.62
I	67.91	0.03	67.80	0.42	64.60	0.66	0.37	0.37
J	67.78	-0.11	67.48	0.10	64.20	0.26	0.08	0.16
K	68.00	0.12	67.00	-0.38	64.00	0.06	-0.07	0.18
L								
M	66.00	-1.88	66.45	-0.93	62.80	-1.14	-1.32	1.32
N	68.00	0.12	67.10	-0.28	64.62	0.68	0.17	0.36
O	68.33	0.45	67.37	-0.01	63.20	-0.74	-0.10	0.40
Q								
R	67.00	-0.88	66.50	-0.88	63.00	-0.94	-0.90	0.90
S	67.88	0.00	67.40	0.02	63.70	-0.24	-0.15	0.17
MEAN	67.88		67.38		63.94			1.20
STDEV	0.85		0.98		1.04			



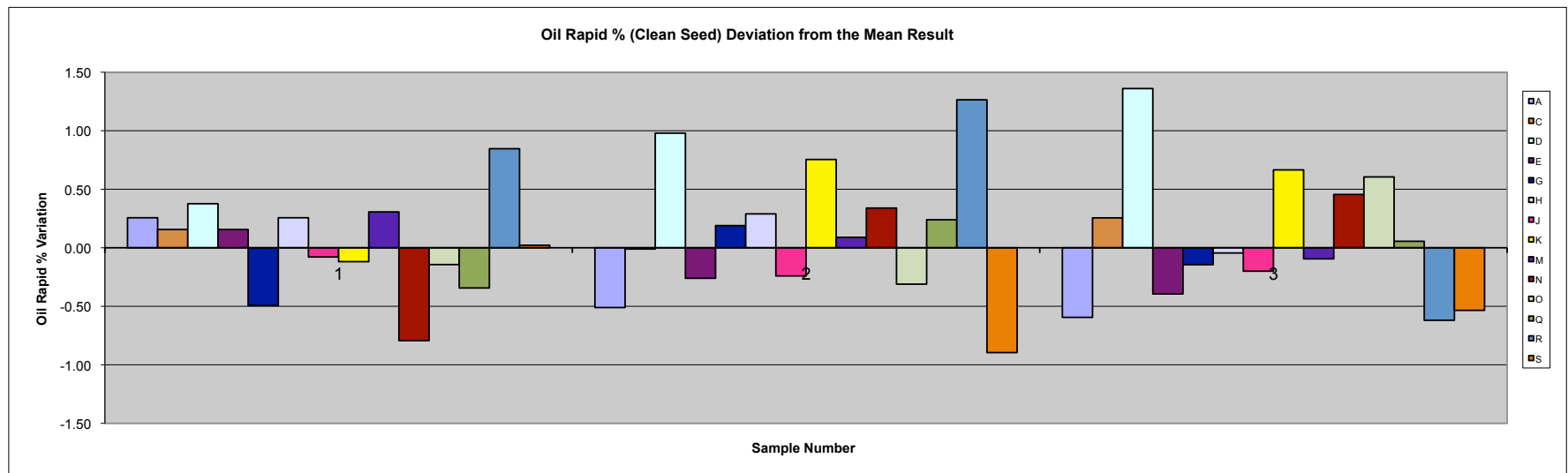
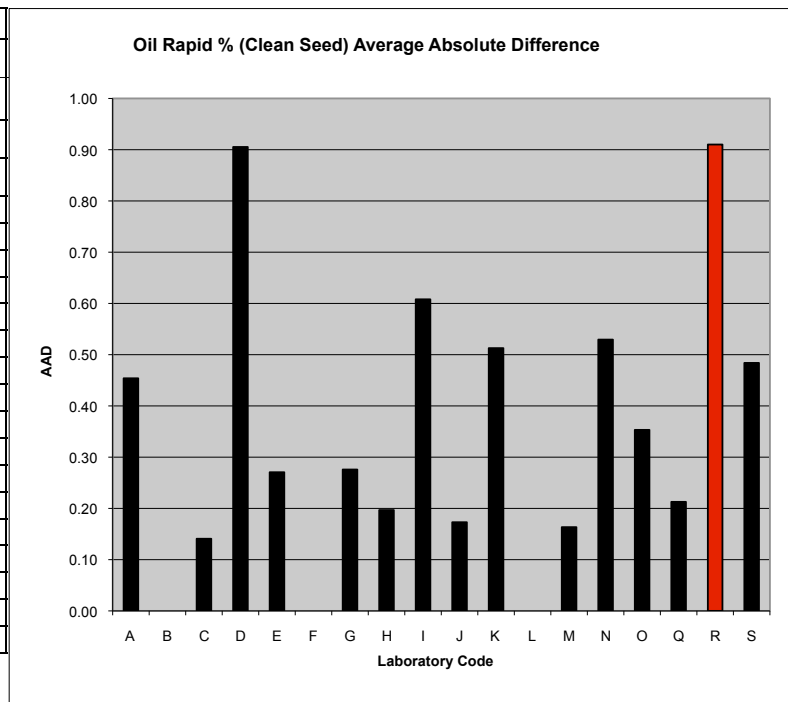
**2014 AOF Test Check Program
Round 9 Summary - September**

Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	1.30	-0.43	1.40	0.22	2.35	-0.83	-0.35	0.50
B	2.37	0.64	1.12	-0.06	2.92	-0.27	0.10	0.32
C	2.74	1.00	1.90	0.72	4.36	1.18	0.97	0.97
D	2.21	0.48	1.25	0.07	3.36	0.18	0.24	0.24
E	2.17	0.44	1.38	0.20	3.58	0.40	0.34	0.34
F								
G	1.75	0.02	1.30	0.12	4.50	1.32	0.49	0.49
H	1.25	-0.48	0.45	-0.73	2.60	-0.58	-0.60	0.60
I	1.06	-0.67	0.70	-0.48	2.80	-0.38	-0.51	0.51
J	1.69	-0.04	1.45	0.27	3.67	0.48	0.24	0.27
K	1.20	-0.53	1.00	-0.18	3.00	-0.18	-0.30	0.30
L	1.98	0.24	1.00	-0.18	3.40	0.21	0.09	0.21
M	1.90	0.17	1.10	-0.08	2.70	-0.48	-0.13	0.24
N	1.90	0.17	1.32	0.14	3.23	0.04	0.12	0.12
O	1.55	-0.18	1.20	0.02	3.17	-0.02	-0.06	0.07
Q								
R	1.51	-0.22	1.40	0.22	2.80	-0.38	-0.13	0.28
S	1.14	-0.59	0.89	-0.29	2.51	-0.68	-0.52	0.52
MEAN	1.73		1.18		3.18			0.37
STDEV	0.49		0.33		0.62			



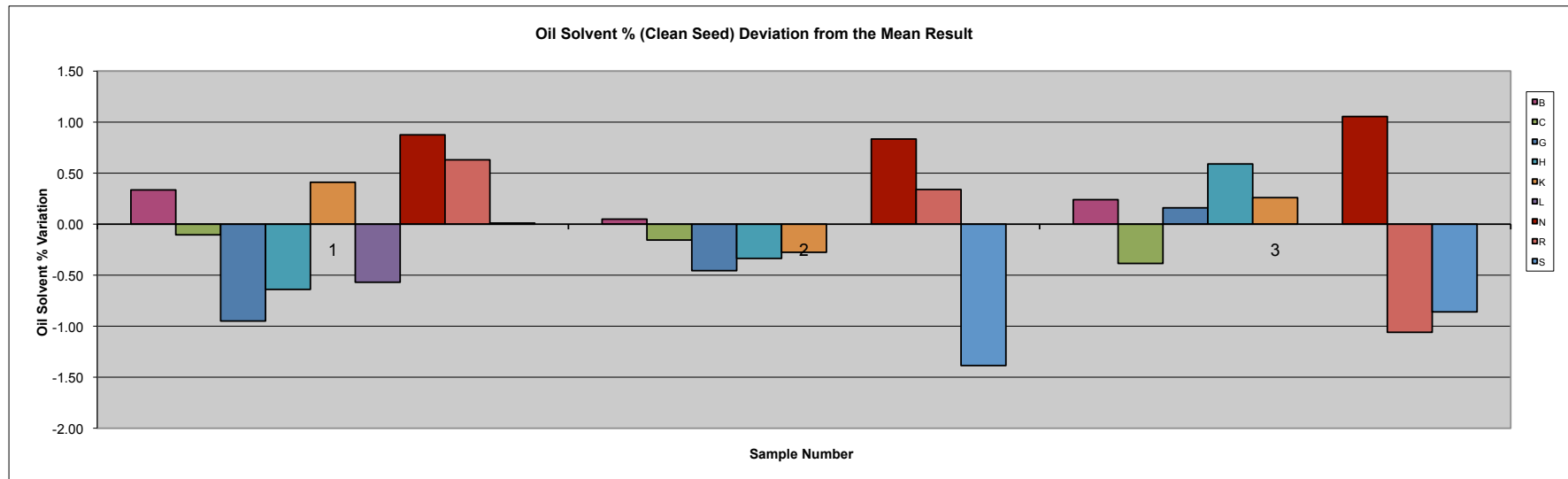
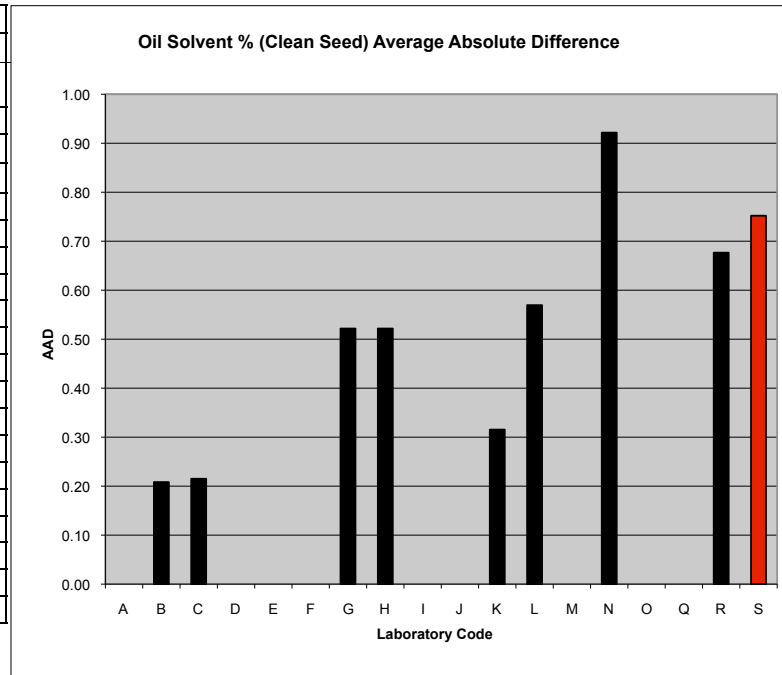
**2014 AOF Test Check Program
Round 9 Summary - September**

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	39.45	0.26	40.75	-0.51	44.00	-0.59	-0.28	0.45
B								
C	39.35	0.16	41.25	-0.01	44.85	0.26	0.13	0.14
D	39.57	0.38	42.24	0.98	45.96	1.36	0.91	0.91
E	39.35	0.16	41.00	-0.26	44.20	-0.39	-0.17	0.27
F								
G	38.70	-0.49	41.45	0.19	44.45	-0.14	-0.15	0.28
H	39.45	0.26	41.55	0.29	44.55	-0.04	0.17	0.20
I	38.79	-0.40	40.61	-0.65	43.83	-0.77	-0.61	0.61
J	39.12	-0.08	41.02	-0.24	44.40	-0.20	-0.17	0.17
K	39.08	-0.12	42.02	0.75	45.26	0.67	0.43	0.51
L								
M	39.50	0.31	41.35	0.09	44.50	-0.09	0.10	0.16
N	38.40	-0.79	41.60	0.34	45.05	0.46	0.00	0.53
O	39.05	-0.14	40.95	-0.31	45.20	0.61	0.05	0.35
Q	38.85	-0.34	41.50	0.24	44.65	0.06	-0.02	0.21
R	40.04	0.85	42.53	1.26	43.98	-0.62	0.50	0.91
S	39.22	0.02	40.37	-0.90	44.06	-0.53	-0.47	0.48
MEAN	39.19		41.26		44.59			0.41
STDEV	0.41		0.52		0.58			



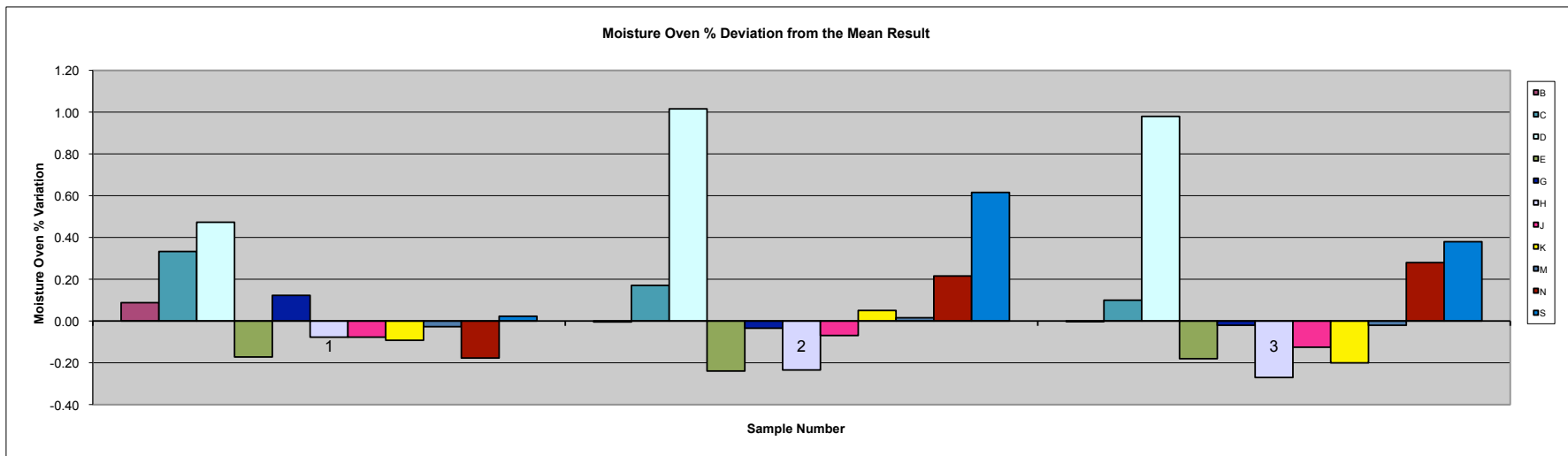
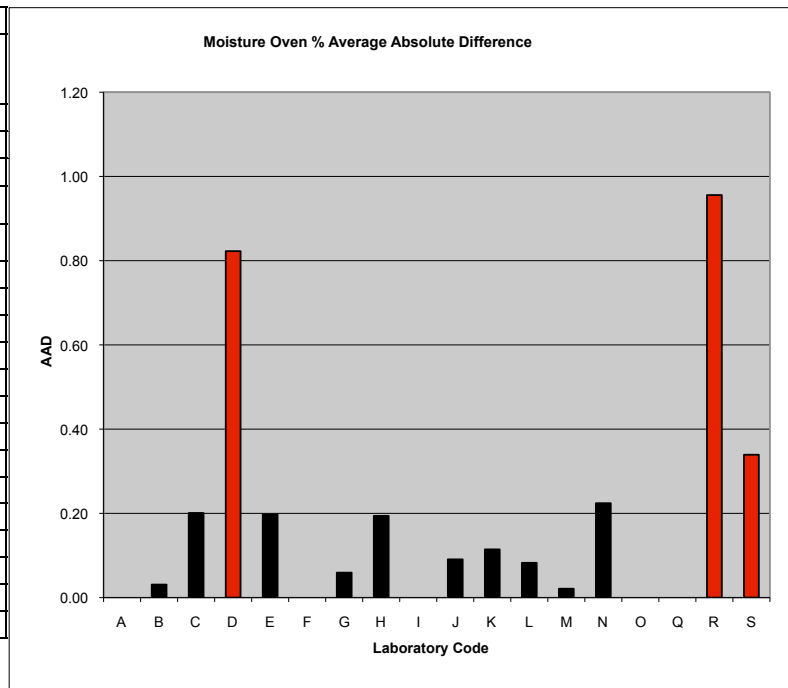
**2014 AOF Test Check Program
Round 9 Summary - September**

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	39.13	0.34	41.34	0.05	44.80	0.24	0.21	0.21
C	38.69	-0.10	41.13	-0.16	44.18	-0.38	-0.22	0.22
D								
E								
F								
G	37.84	-0.95	40.83	-0.46	44.72	0.16	-0.42	0.52
H	38.15	-0.64	40.95	-0.34	45.15	0.59	-0.13	0.52
I								
J								
K	39.20	0.41	41.01	-0.28	44.82	0.26	0.13	0.32
L	38.22	-0.57					-0.57	0.57
M								
N	39.67	0.88	42.12	0.83	45.62	1.06	0.92	0.92
O								
Q								
R	39.42	0.63	41.63	0.34	43.50	-1.06	-0.03	0.68
S	38.80	0.01	39.90	-1.39	43.70	-0.86	-0.75	0.75
MEAN	38.79		41.29		44.56			0.52
STDEV	0.62		0.45		0.72			



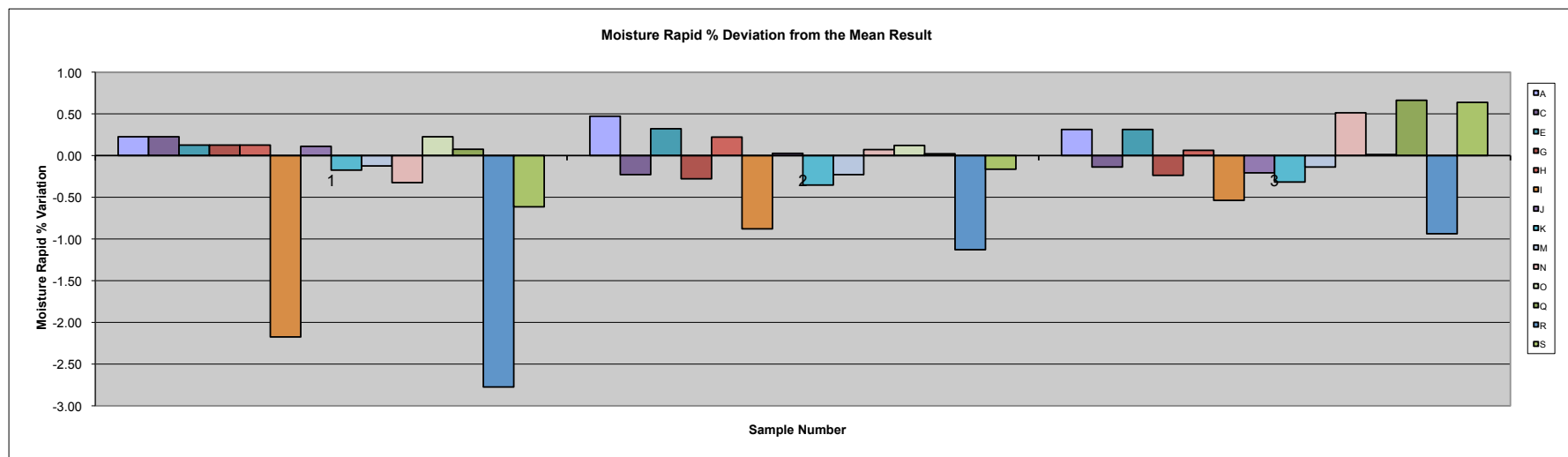
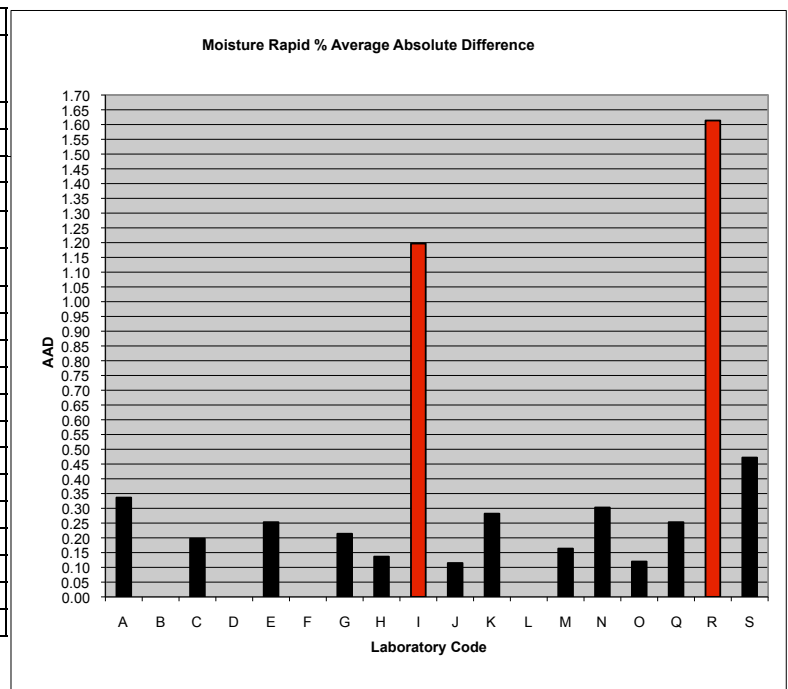
**2014 AOF Test Check Program
Round 9 Summary - September**

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	7.92	0.09	5.38	0.00	5.42	0.00	0.03	0.03
C	8.16	0.33	5.56	0.17	5.52	0.10	0.20	0.20
D	8.30	0.47	6.40	1.02	6.40	0.98	0.82	0.82
E	7.66	-0.17	5.15	-0.24	5.24	-0.18	-0.20	0.20
F								
G	7.95	0.12	5.35	-0.03	5.40	-0.02	0.02	0.06
H	7.75	-0.08	5.15	-0.23	5.15	-0.27	-0.19	0.19
I								
J	7.75	-0.08	5.32	-0.07	5.30	-0.13	-0.09	0.09
K	7.74	-0.09	5.44	0.05	5.22	-0.20	-0.08	0.11
L	7.89	0.06	5.52	0.13	5.48	0.06	0.08	0.08
M	7.80	-0.03	5.40	0.02	5.40	-0.02	-0.01	0.02
N	7.65	-0.18	5.60	0.22	5.70	0.28	0.11	0.22
O								
Q								
R	6.84	-0.99	4.55	-0.83	4.38	-1.05	-0.96	0.96
S	7.85	0.02	6.00	0.62	5.80	0.38	0.34	0.34
MEAN	7.83		5.38		5.42			0.26
STDEV	0.15		0.15		0.20			



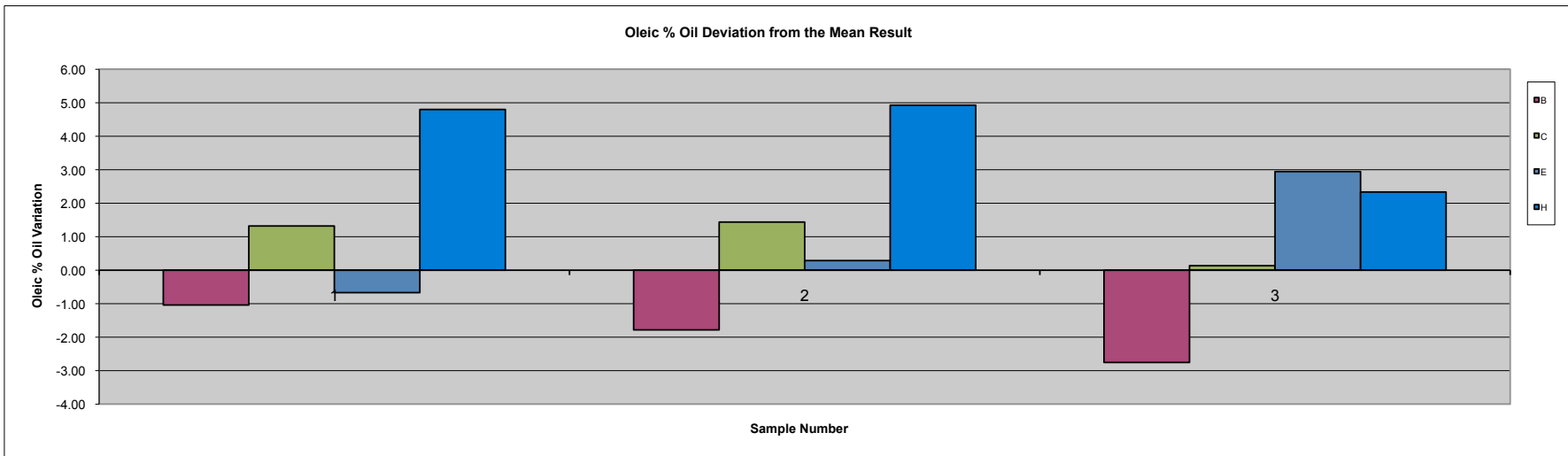
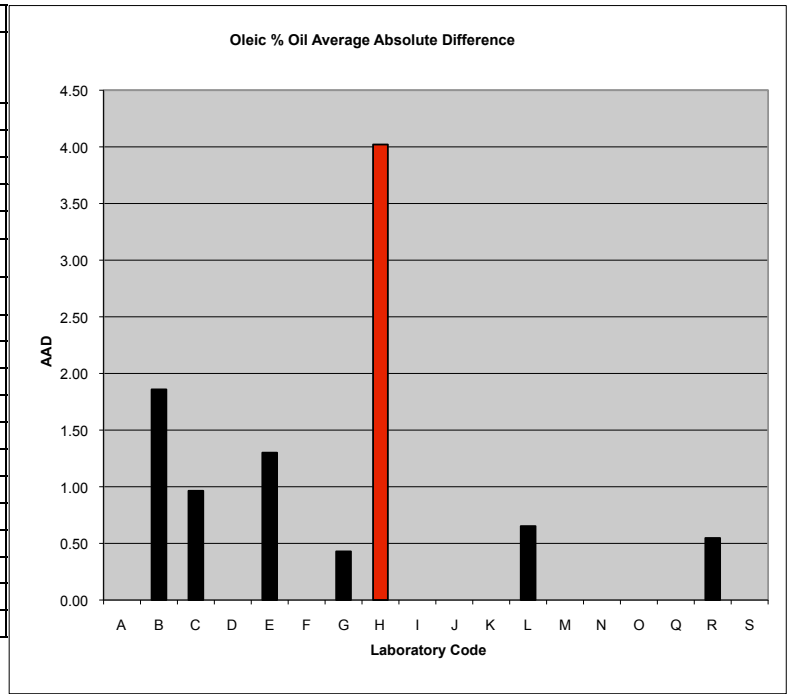
**2014 AOF Test Check Program
Round 9 Summary - September**

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	8.20	0.23	6.10	0.47	5.50	0.31	0.34	0.34
B								
C	8.20	0.23	5.40	-0.23	5.05	-0.14	-0.05	0.20
D								
E	8.10	0.13	5.95	0.32	5.50	0.31	0.25	0.25
F								
G	8.10	0.13	5.35	-0.28	4.95	-0.24	-0.13	0.21
H	8.10	0.13	5.85	0.22	5.25	0.06	0.14	0.14
I	5.80	-2.17	4.75	-0.88	4.65	-0.54	-1.20	1.20
J	8.09	0.11	5.66	0.03	4.98	-0.21	-0.02	0.11
K	7.80	-0.17	5.28	-0.35	4.87	-0.32	-0.28	0.28
L								
M	7.85	-0.12	5.40	-0.23	5.05	-0.14	-0.16	0.16
N	7.65	-0.32	5.70	0.07	5.70	0.51	0.09	0.30
O	8.20	0.23	5.75	0.12	5.20	0.01	0.12	0.12
Q	8.05	0.08	5.65	0.02	5.85	0.66	0.25	0.25
R	5.20	-2.77	4.50	-1.13	4.25	-0.94	-1.61	1.61
S	7.36	-0.61	5.47	-0.16	5.83	0.64	-0.05	0.47
MEAN	7.97		5.63		5.19			0.40
STDEV	0.26		0.26		0.46			



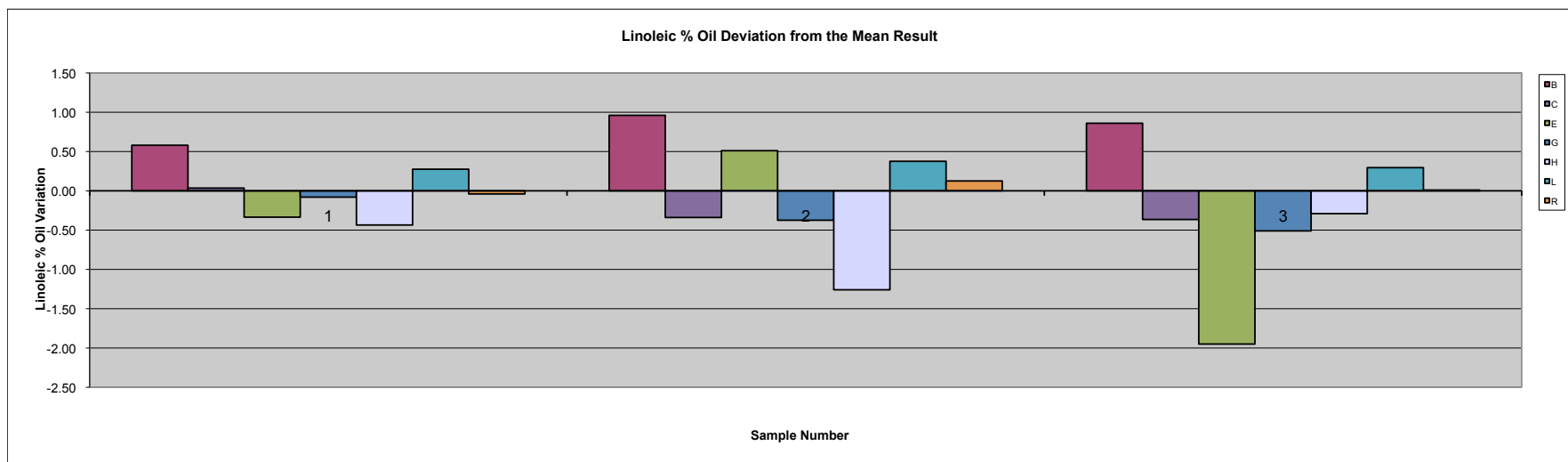
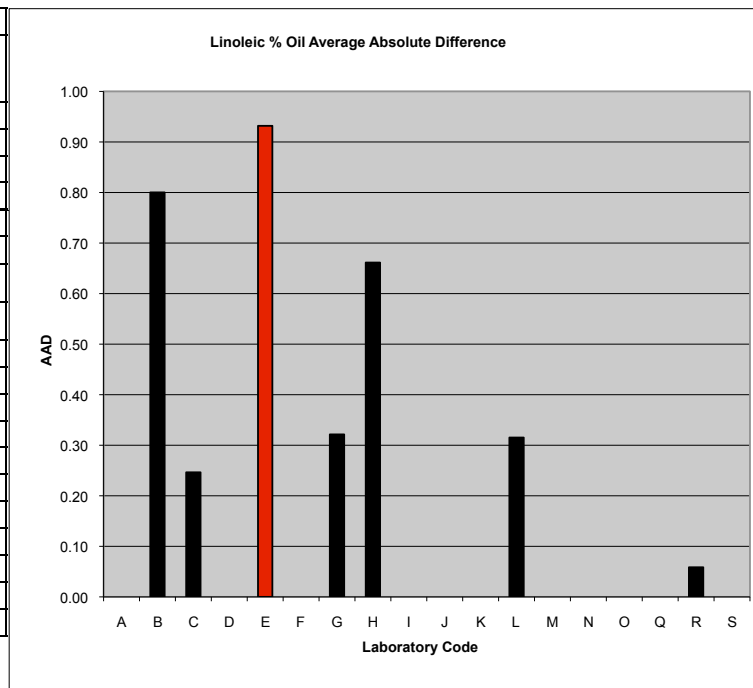
**2014 AOF Test Check Program
Round 9 Summary - September**

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	67.41	-1.04	61.39	-1.78	60.21	-2.76	-1.86	1.86
C	69.77	1.32	64.61	1.44	63.10	0.14	0.96	0.96
D								
E	67.78	-0.67	63.46	0.29	65.91	2.95	0.85	1.30
F								
G	68.90	0.44	63.86	0.69	63.12	0.16	0.43	0.43
H	73.25	4.80	68.10	4.93	65.30	2.34	4.02	4.02
I								
J								
K								
L	68.35	-0.11	62.79	-0.39	61.50	-1.47	-0.65	0.65
M								
N								
O								
Q								
R	68.50	0.05	62.93	-0.24	61.62	-1.35	-0.51	0.55
S								
MEAN	68.45		63.17		62.97			1.40
STDEV	0.83		1.10		2.07			



**2014 AOF Test Check Program
Round 9 Summary - September**

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	14.72	0.58	18.87	0.96	20.05	0.86	0.80	0.80
C	14.17	0.04	17.57	-0.34	18.83	-0.37	-0.22	0.25
D								
E	13.80	-0.33	18.42	0.51	17.24	-1.95	-0.59	0.93
F								
G	14.06	-0.08	17.54	-0.37	18.68	-0.51	-0.32	0.32
H	13.70	-0.44	16.65	-1.26	18.90	-0.29	-0.66	0.66
I								
J								
K								
L	14.41	0.28	18.29	0.38	19.49	0.29	0.32	0.32
M								
N								
O								
Q								
R	14.10	-0.04	18.04	0.13	19.20	0.01	0.03	0.06
S								
MEAN	14.14		17.91		19.19			0.48
STDEV	0.35		0.73		0.51			



**2014 AOF Test Check Program
Round 9 Summary - September**

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	0.23	-0.13	0.27	-0.10	0.10	-0.08	-0.10	0.10
C	0.25	-0.11	0.25	-0.12	0.15	-0.03	-0.08	0.08
D								
E	0.50	0.14	0.82	0.45	0.47	0.29	0.29	0.29
F								
G	0.51	0.15	0.56	0.19	0.22	0.04	0.12	0.12
H	0.25	-0.11	0.28	-0.09	0.15	-0.03	-0.08	0.08
I								
J								
K	0.27	-0.09	0.30	-0.07	0.11	-0.07	-0.08	0.08
L	0.31	-0.05	0.35	-0.02	0.19	0.01	-0.02	0.03
M								
N								
O								
Q								
R	0.50	0.14	0.48	0.12	0.23	0.05	0.10	0.10
S	0.42	0.06	0.45	0.08	0.30	0.12	0.08	0.08
MEAN	0.36		0.37		0.18			0.11
STDEV	0.12		0.11		0.07			

