



**AOF Test Check Program
Bimonthly Report
Round 2
March – 2017**

Result Receival Dates

Lab Code	Date
A	31-3-2017
B	-
C	21-3-2017
D	-
E	24-3-2017
F	-
G	17-3-2017
H	28-3-2017
I	13-3-2017
J	23-3-2017
K	10-3-2017
L	30-3-2017
M	31-3-2017
N	-
O	28-3-2017
Q	-
R	15-3-2017
S	31-3-2017

Discussion of Results

Test Weight

No outliers were observed for this test.

Impurities

Sample 1 – No outliers were observed for this test.

Sample 2 – Outlier observed for Lab **J** with with 0.03 % below lower quartile (0.62%)

Sample 3 – Outlier observed for Lab **K** with with 0.02 % below lower quartile (0.44%)



**AOF Test Check Program
Bimonthly Report
Round 2
March – 2017**

Oil Rapid

Sample 1 – One outlier was identified for Lab I with a 0.03 of a percent discrepancy from the lower quartile limit (39.53%).

Sample 2 – One outlier was identified for Lab J with a 0.03 of a percent discrepancy from the lower quartile limit (45.38%).

Sample 3 – One outlier was identified for Lab L with a 0.07 of a percent discrepancy from the lower quartile limit (48.73%).

Oil Solvent Extraction

Sample 1 – No outliers were observed for this test.

Sample 2 - Outliers observed for Lab A with 1.1 % above upper quartile (50.18%)

Sample 3 – No outliers were observed for this test.

Moisture Oven

Sample 1 – Outliers were observed for Lab C with 0.81 above upper quartile (6.14%), Lab D with 0.03 below lower quartile (5.20%)

Sample 2 – Outliers were observed for Lab A and Lab D, with 0.59 % and 0.02 % below lower quartile 1 (4.99 %).

Sample 3 – Outliers were observed for Lab A with 0.04 above upper quartile 5.11 % and Lab D with 0.19 % below lower quartile (4.59)

Lab C submitted only one result for each of the sample.

Moisture Rapid

Sample 1 – One outlier was identified for Lab L with a 0.20 of a percent discrepancy from the upper quartile limit (6.70%).

Sample 2 – No outliers observed

Sample 3 – One outlier was identified for Lab I with a 0.39 of a percent discrepancy from the upper quartile limit (5.31%).



**AOF Test Check Program
Bimonthly Report
Round 2
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Oleic acid

Sample 1 – Outliers observed for Lab D with 1.68 % above upper quatile of 57.56 %

Sample 2 – No outliers

Sample 3 – No outliers

Linoleic acid

Sample 1 – Outliers observed for Lab D with 0.31 % below lower quatile of 22.32 %

Sample 2 – No outliers

Sample 3 – No outliers

Linolenic acid

Sample 1 – Outliers observed for Lab D, 0.12% below lower quatile (10.48%)

Sample 2 – No outliers

Sample 3 – Outliers observed for Lab A with 0.02 % above upper quartile (11.07 %)

Free Fatty Acid

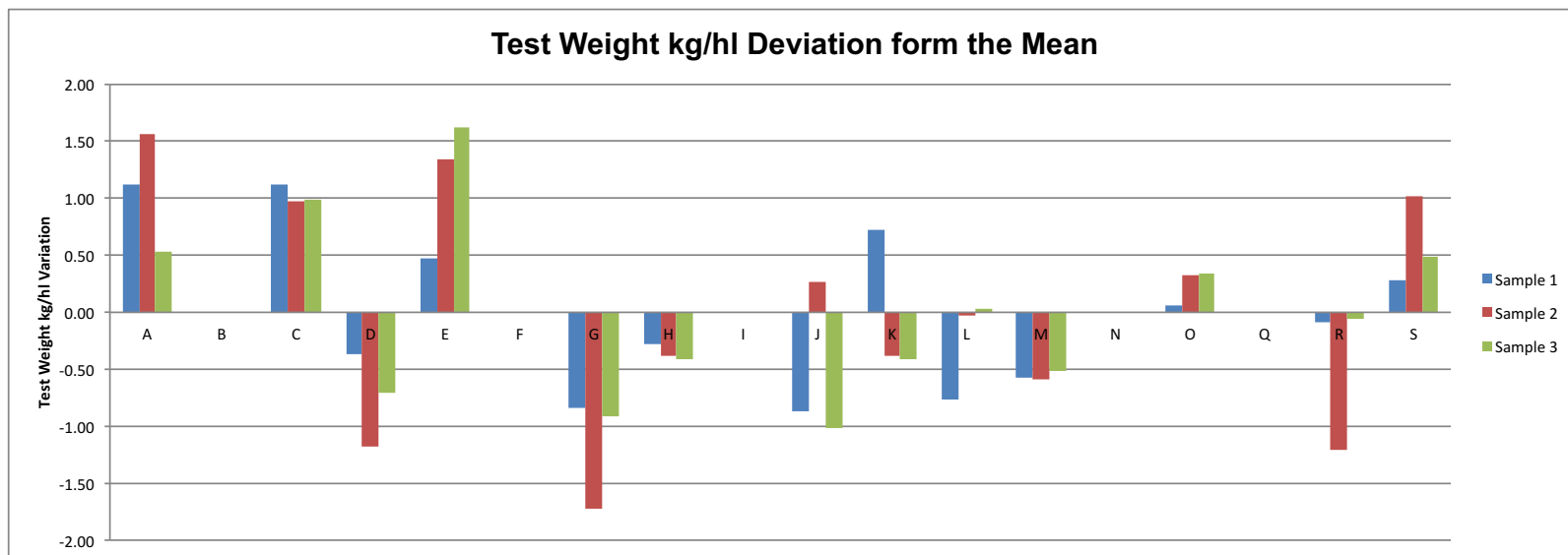
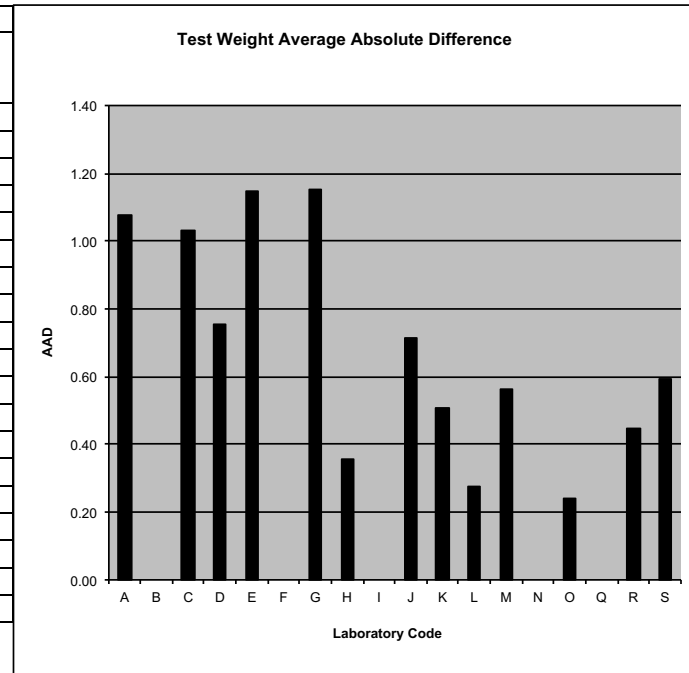
Sample 1 – no outliers

Sample 2 – no outliers

Sample 3 – Lab D result of 0.46 % is on the quartile limit.

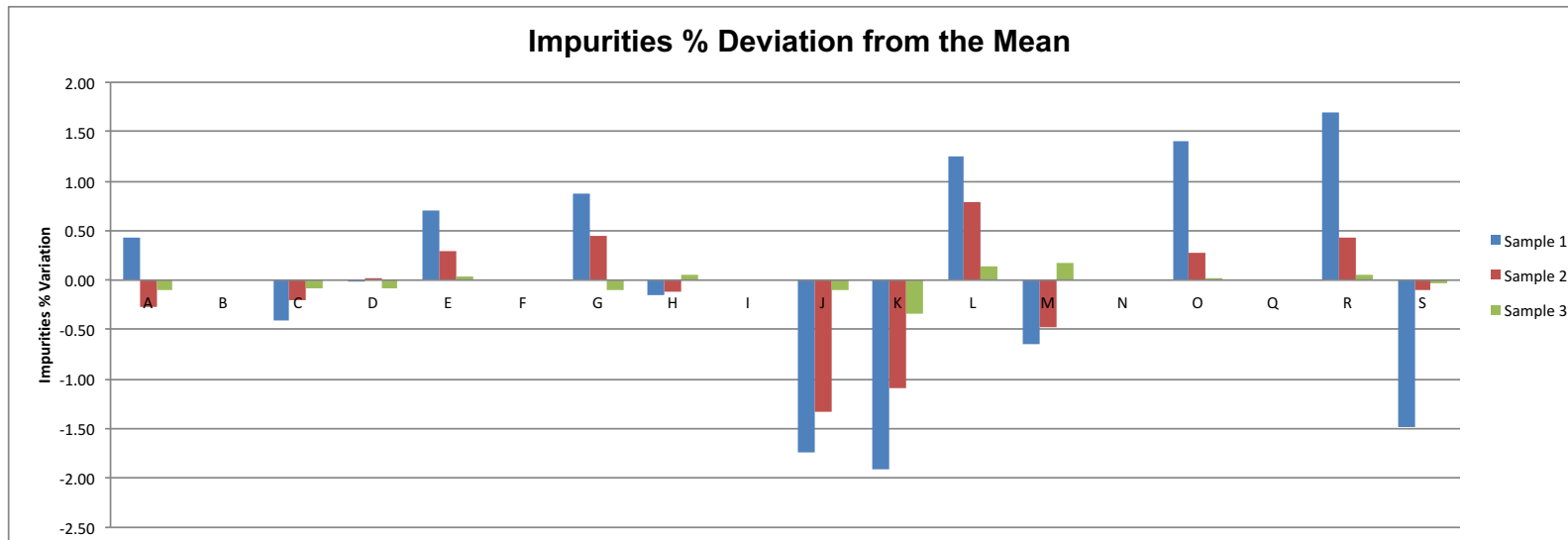
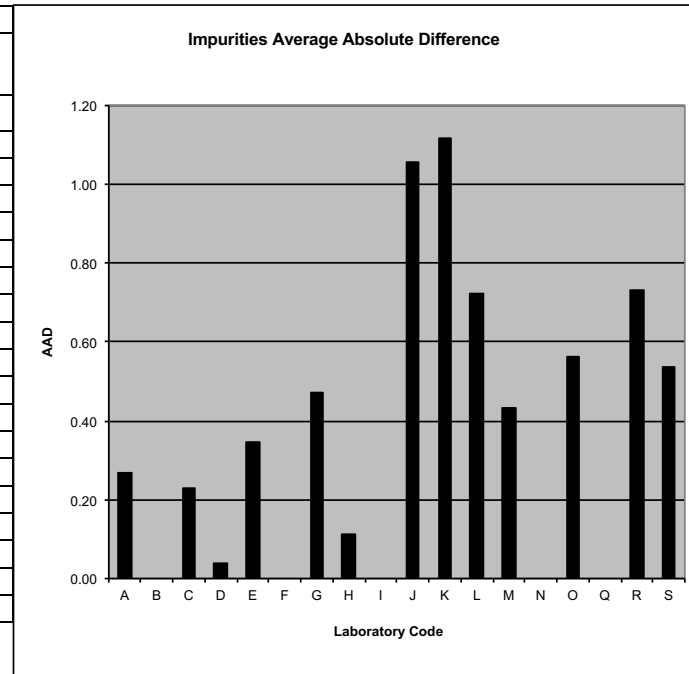
2017 AOF Test Check Program Round 2 Summary - March

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	70.00	1.13	67.75	1.57	66.75	0.54	1.08	1.08
B								
C	70.00	1.13	67.16	0.98	67.20	0.98	1.03	1.03
D	68.50	-0.37	65.00	-1.18	65.50	-0.71	-0.76	0.76
E	69.35	0.47	67.53	1.35	67.84	1.63	1.15	1.15
F								
G	68.04	-0.83	64.47	-1.72	65.31	-0.91	-1.15	1.15
H	68.60	-0.27	65.80	-0.38	65.80	-0.41	-0.36	0.36
I								
J	68.00	-0.87	66.45	0.27	65.20	-1.01	-0.54	0.72
K	69.60	0.73	65.80	-0.38	65.80	-0.41	-0.02	0.51
L	68.10	-0.77	66.16	-0.02	66.25	0.03	-0.25	0.28
M	68.30	-0.58	65.60	-0.59	65.70	-0.52	-0.56	0.56
N								
O	68.93	0.06	66.51	0.33	66.55	0.34	0.24	0.24
Q								
R	68.78	-0.09	64.98	-1.20	66.16	-0.05	-0.45	0.45
S	69.15	0.28	67.20	1.02	66.70	0.49	0.59	0.59
MEAN	68.87		66.18		66.21			0.68
STDEV	0.71		1.04		0.78			



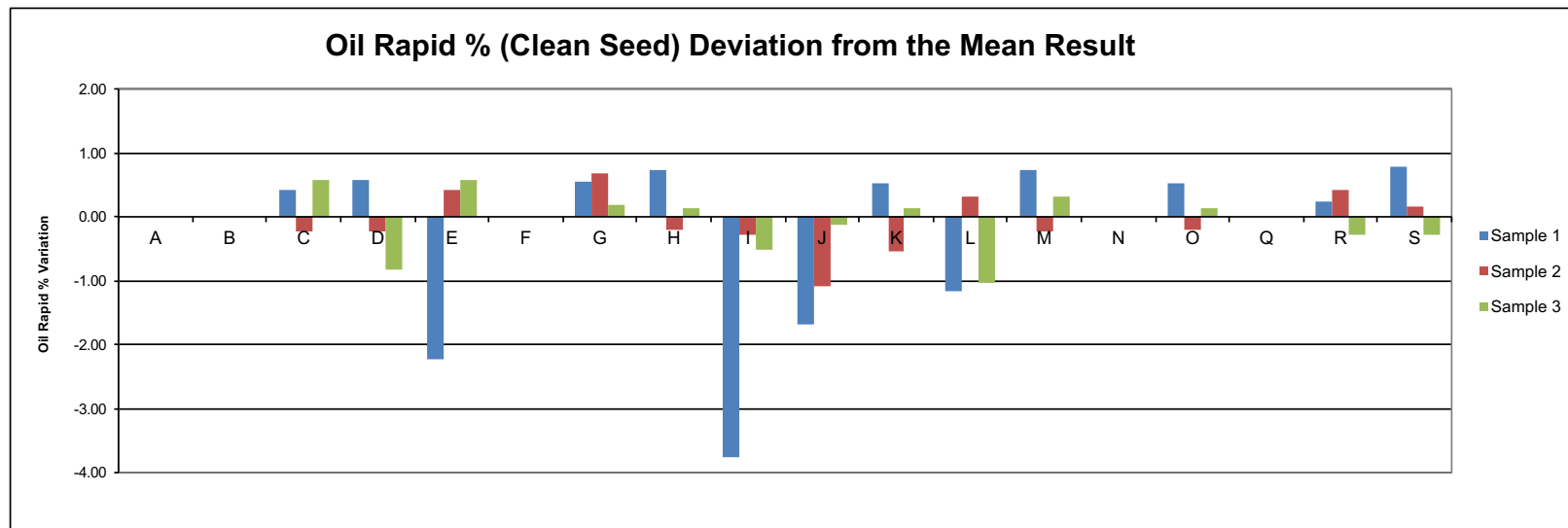
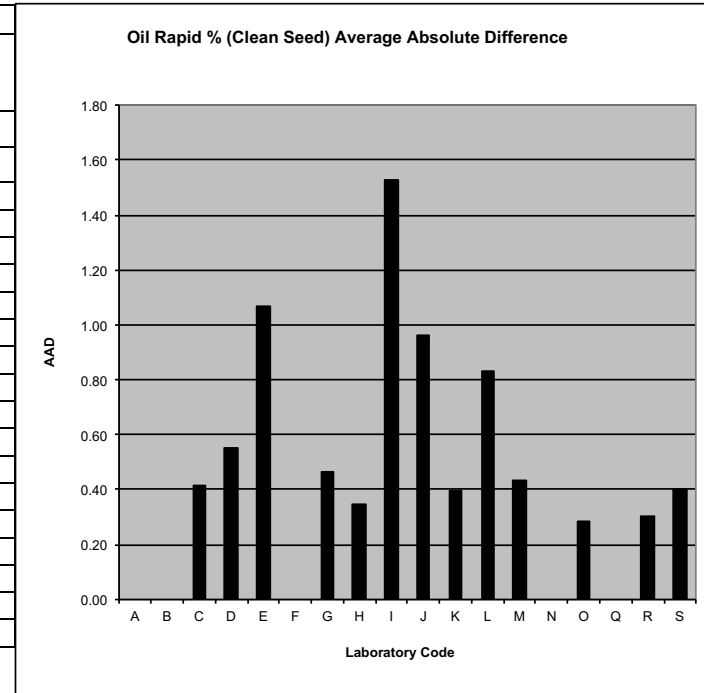
2017 AOF Test Check Program Round 2 Summary - March

Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	3.13	0.43	1.65	-0.28	0.69	-0.10	0.02	0.27
B								
C	2.30	-0.41	1.73	-0.20	0.71	-0.08	-0.23	0.23
D	2.70	0.00	1.95	0.03	0.70	-0.09	-0.02	0.04
E	3.40	0.70	2.22	0.29	0.83	0.04	0.34	0.34
F								
G	3.57	0.87	2.37	0.45	0.69	-0.10	0.41	0.47
H	2.55	-0.15	1.80	-0.12	0.85	0.06	-0.07	0.11
I								
J	0.96	-1.74	0.59	-1.33	0.69	-0.10	-1.06	1.06
K	0.79	-1.91	0.84	-1.09	0.44	-0.35	-1.12	1.12
L	3.95	1.24	2.71	0.79	0.93	0.14	0.72	0.72
M	2.06	-0.65	1.45	-0.47	0.97	0.18	-0.31	0.43
N								
O	4.10	1.40	2.20	0.28	0.80	0.01	0.56	0.56
Q								
R	4.40	1.70	2.35	0.43	0.85	0.06	0.73	0.73
S	1.22	-1.49	1.83	-0.10	0.76	-0.03	-0.54	0.54
MEAN	2.70		1.92		0.79			
STDEV	1.20		0.50		0.10			



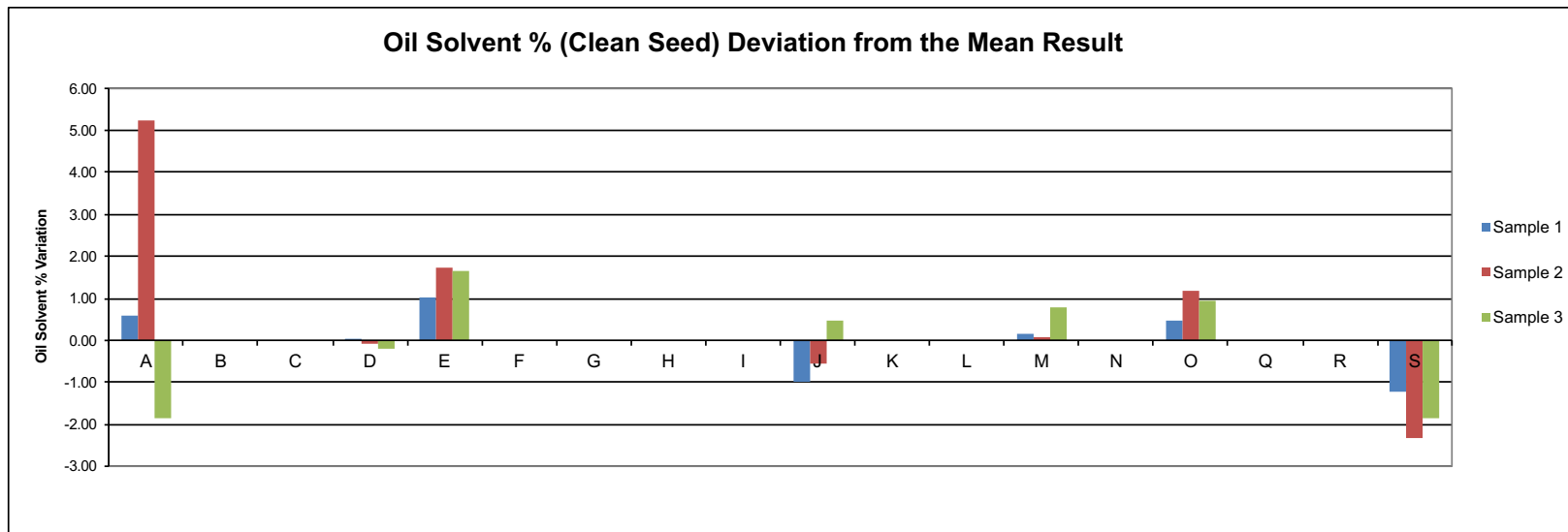
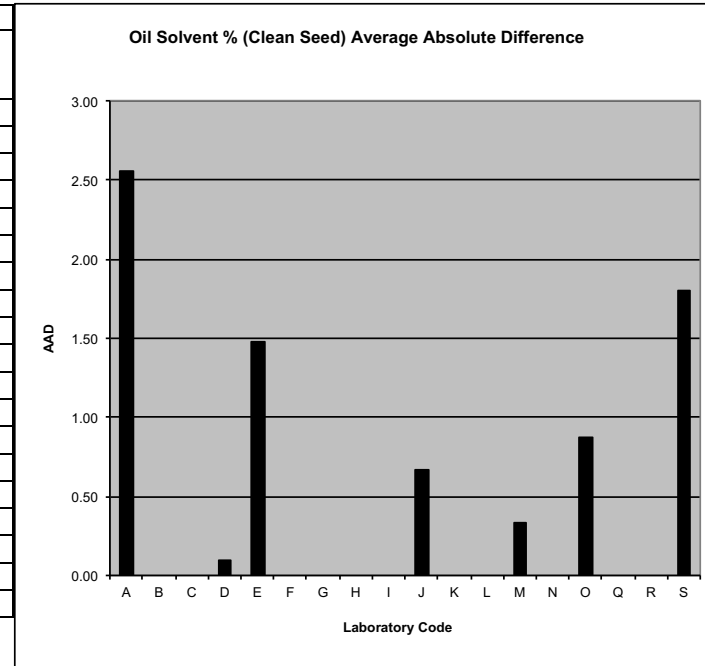
2017 AOF Test Check Program Round 2 Summary - March

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								
B								
C	43.70	0.43	46.20	-0.24	50.25	0.57	0.25	0.41
D	43.85	0.58	46.20	-0.24	48.85	-0.83	-0.16	0.55
E	41.05	-2.22	46.85	0.41	50.25	0.57	-0.41	1.07
F								
G	43.82	0.55	47.12	0.68	49.85	0.17	0.47	0.47
H	44.00	0.73	46.25	-0.19	49.80	0.12	0.22	0.35
I	39.50	-3.77	46.15	-0.29	49.15	-0.53	-1.53	1.53
J	41.60	-1.67	45.35	-1.09	49.55	-0.13	-0.96	0.96
K	43.80	0.53	45.90	-0.54	49.80	0.12	0.04	0.40
L	42.11	-1.17	46.75	0.30	48.65	-1.03	-0.63	0.83
M	44.00	0.73	46.20	-0.24	50.00	0.32	0.27	0.43
N								
O	43.79	0.51	46.24	-0.21	49.82	0.14	0.15	0.29
Q								
R	43.50	0.23	46.85	0.41	49.40	-0.28	0.12	0.30
S	44.05	0.78	46.60	0.16	49.40	-0.28	0.22	0.40
MEAN	43.27		46.44		49.68			
STDEV	1.05		0.37		0.42			



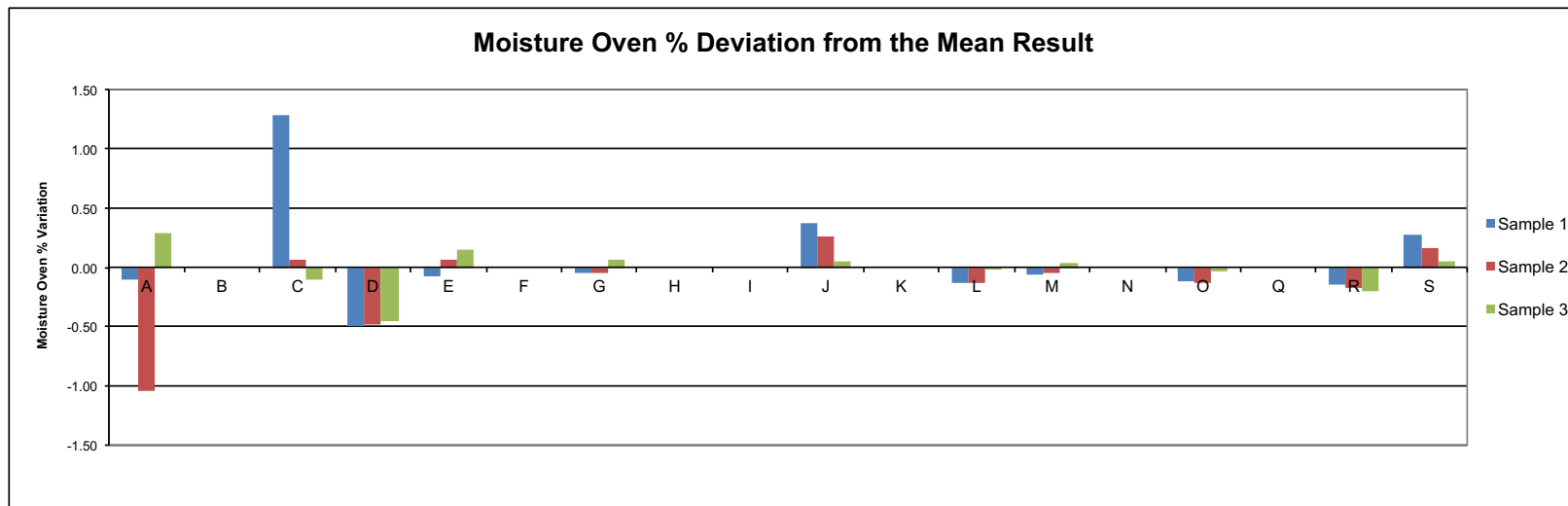
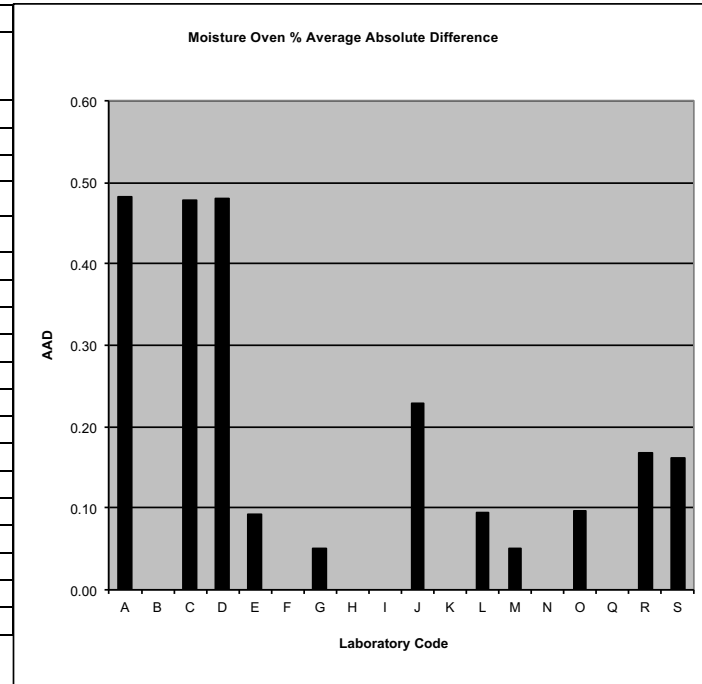
2017 AOF Test Check Program Round 2 Summary - March

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	43.06	0.57	51.28	5.23	47.69	-1.85	1.32	2.55
B								
C								
D	42.50	0.01	45.96	-0.09	49.34	-0.20	-0.09	0.10
E	43.50	1.01	47.78	1.73	51.21	1.67	1.47	1.47
F								
G								
H								
I								
J	41.50	-0.98	45.50	-0.55	50.00	0.46	-0.35	0.66
K								
L								
M	42.63	0.14	46.11	0.06	50.33	0.79	0.33	0.33
N								
O	42.94	0.46	47.24	1.19	50.50	0.96	0.87	0.87
Q								
R								
S	41.25	-1.23	43.70	-2.35	47.70	-1.84	-1.80	1.80
MEAN	42.48		46.05		49.54			1.11
STDEV	0.82		1.43		1.38			



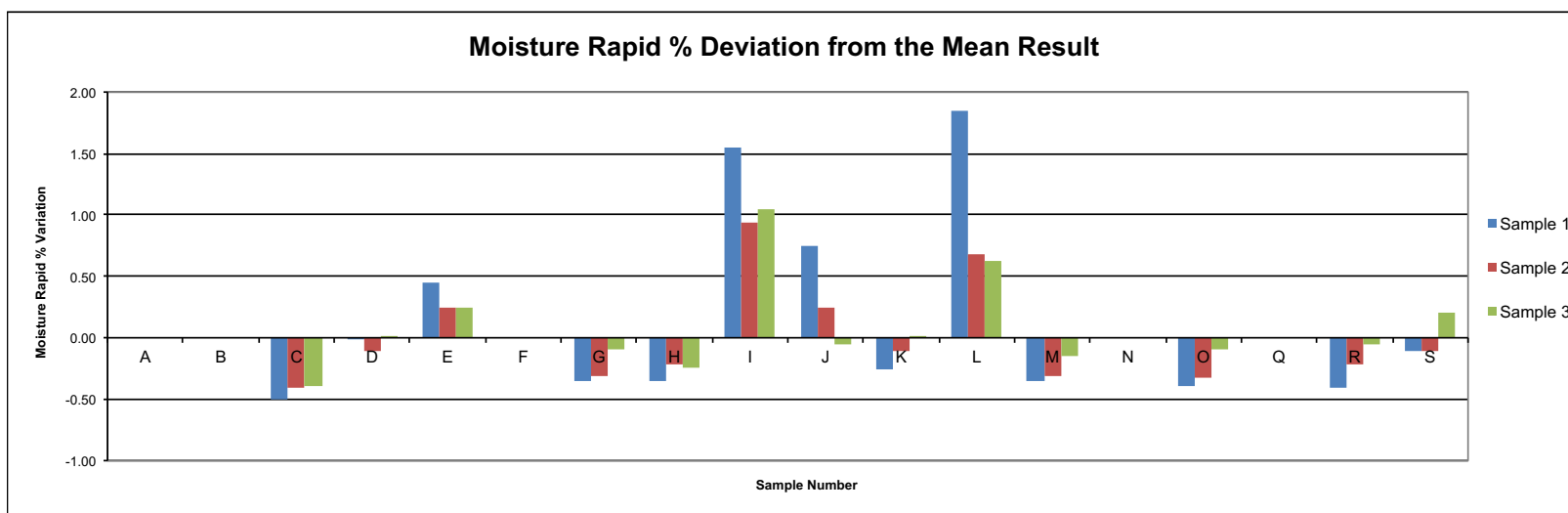
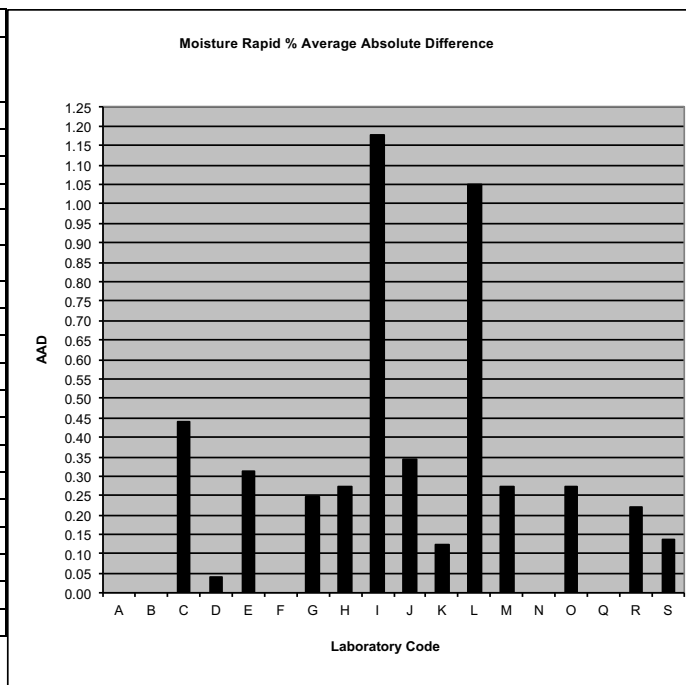
2017 AOF Test Check Program Round 2 Summary - March

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	5.57	-0.10	4.40	-1.05	5.15	0.30	-0.28	0.48
B								
C	6.95	1.28	5.50	0.06	4.75	-0.10	0.41	0.48
D	5.17	-0.50	4.97	-0.48	4.39	-0.46	-0.48	0.48
E	5.60	-0.07	5.50	0.06	5.00	0.15	0.05	0.09
F								
G	5.63	-0.04	5.40	-0.04	4.92	0.07	0.00	0.05
H								
I								
J	6.05	0.38	5.70	0.26	4.90	0.05	0.23	0.23
K								
L	5.55	-0.13	5.31	-0.13	4.83	-0.02	-0.09	0.09
M	5.62	-0.06	5.39	-0.05	4.89	0.04	-0.02	0.05
N								
O	5.56	-0.11	5.31	-0.14	4.81	-0.04	-0.10	0.10
Q								
R	5.53	-0.14	5.28	-0.17	4.66	-0.20	-0.17	0.17
S	5.95	0.28	5.60	0.16	4.90	0.05	0.16	0.16
MEAN	5.67		5.44		4.85			0.22
STDEV	0.19		0.14		0.10			



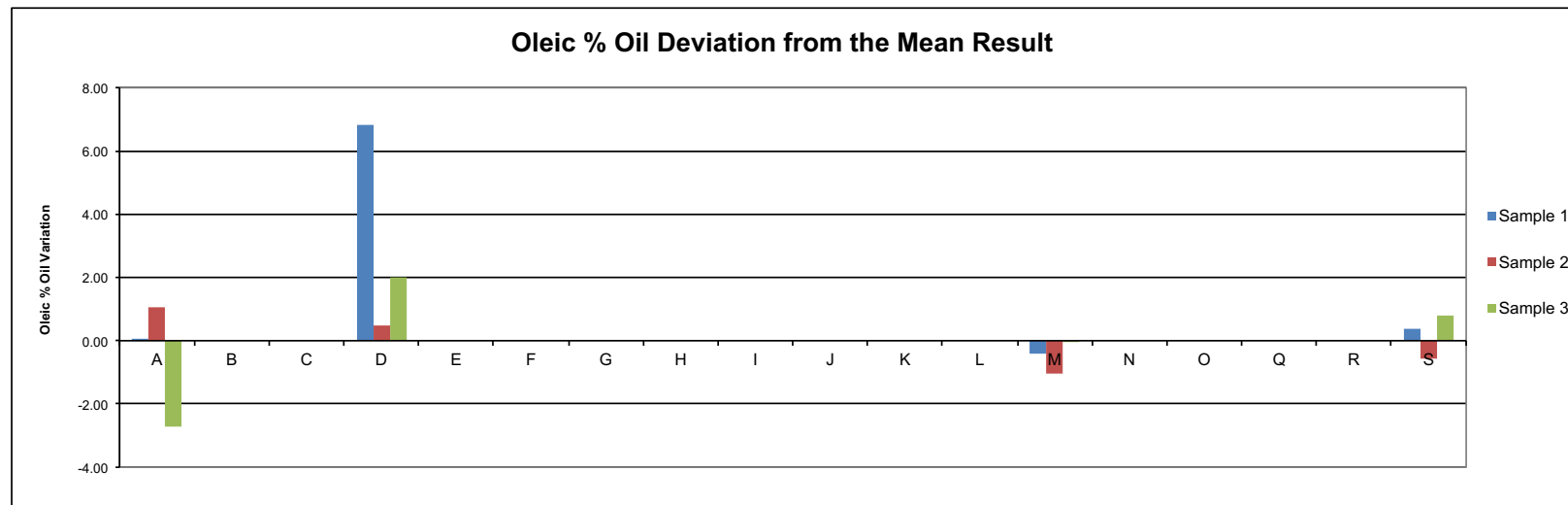
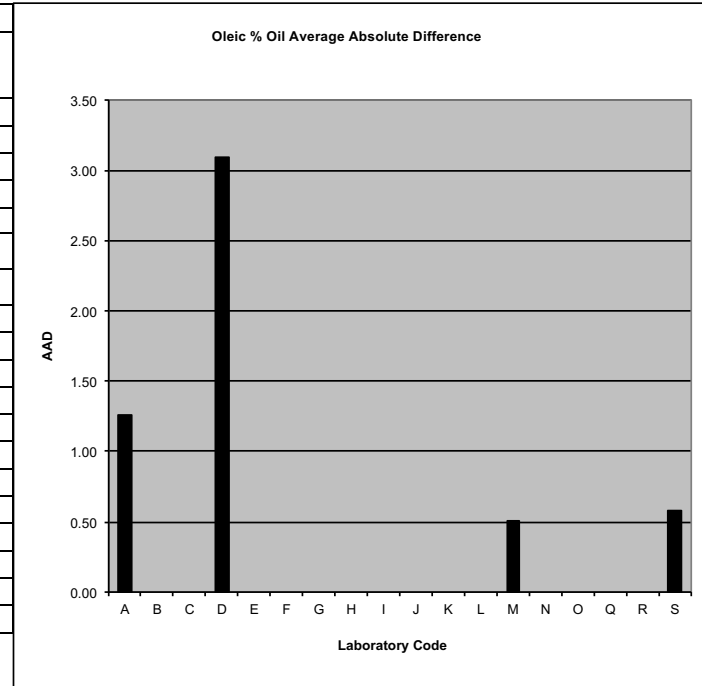
2017 AOF Test Check Program Round 2 Summary - March

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								
B								
C	4.55	-0.51	4.75	-0.41	4.25	-0.40	-0.44	0.44
D	5.05	-0.01	5.05	-0.11	4.65	0.00	-0.04	0.04
E	5.50	0.44	5.40	0.24	4.90	0.25	0.31	0.31
F								
G	4.71	-0.35	4.85	-0.31	4.56	-0.09	-0.25	0.25
H	4.70	-0.36	4.95	-0.21	4.40	-0.25	-0.27	0.27
I	6.60	1.54	6.10	0.94	5.70	1.05	1.18	1.18
J	5.80	0.74	5.40	0.24	4.60	-0.05	0.31	0.34
K	4.80	-0.26	5.05	-0.11	4.65	0.00	-0.12	0.12
L	6.90	1.84	5.85	0.69	5.27	0.62	1.05	1.05
M	4.70	-0.36	4.85	-0.31	4.50	-0.15	-0.27	0.27
N								
O	4.66	-0.40	4.84	-0.33	4.56	-0.09	-0.27	0.27
Q								
R	4.65	-0.41	4.95	-0.21	4.60	-0.05	-0.22	0.22
S	4.95	-0.11	5.05	-0.11	4.85	0.20	0.00	0.14
MEAN	5.06		5.16		4.65			0.38
STDEV	0.62		0.41		0.26			



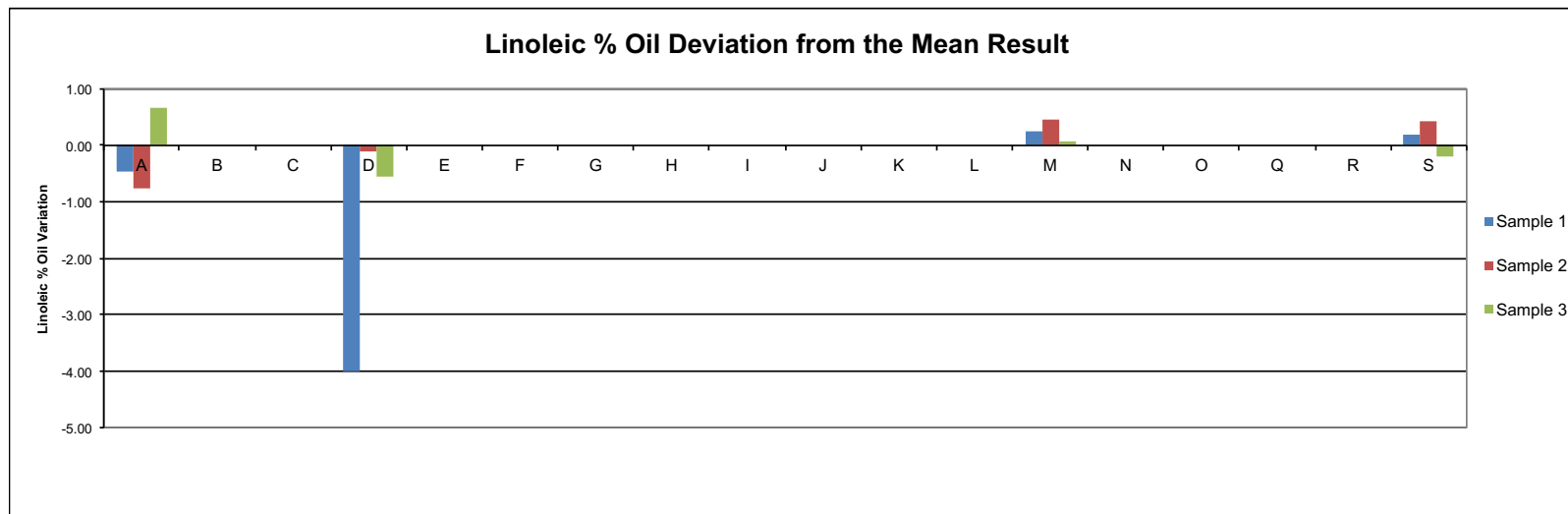
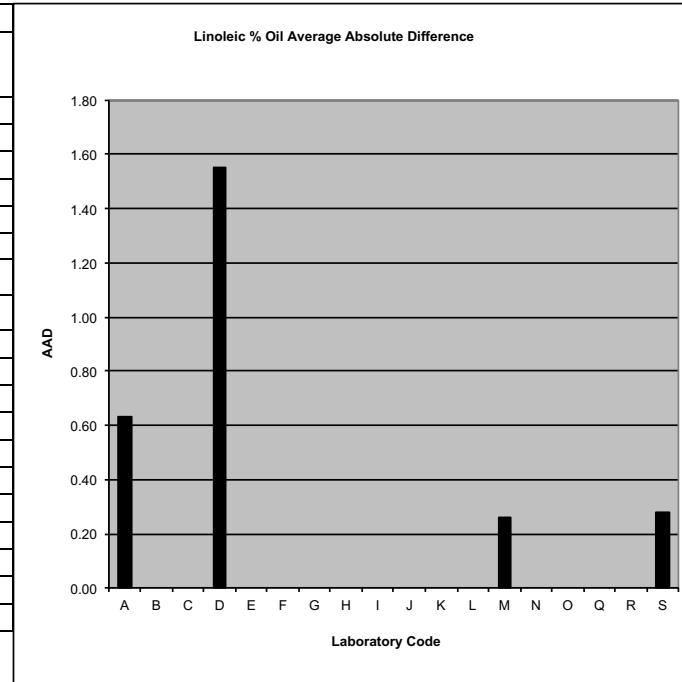
2017 AOF Test Check Program Round 2 Summary - March

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	52.46	0.02	59.83	1.06	57.35	-2.71	-0.54	1.27
B								
C								
D	59.24	6.80	59.27	0.50	62.04	1.98	3.10	3.10
E								
F								
G								
H								
I								
J								
K								
L								
M	52.02	-0.42	57.75	-1.02	59.99	-0.07	-0.50	0.50
N								
O								
Q								
R								
S	52.83	0.39	58.23	-0.54	60.86	0.80	0.22	0.58
MEAN	52.43		58.77		60.06			1.36
STDEV	0.41		0.95		1.99			



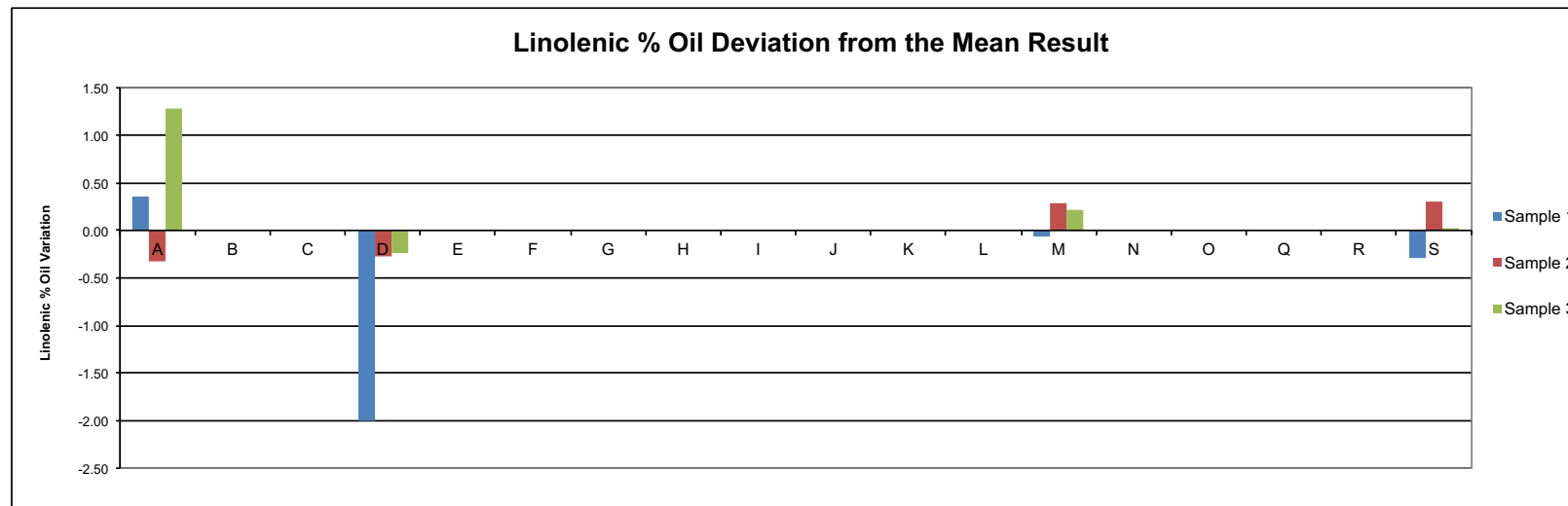
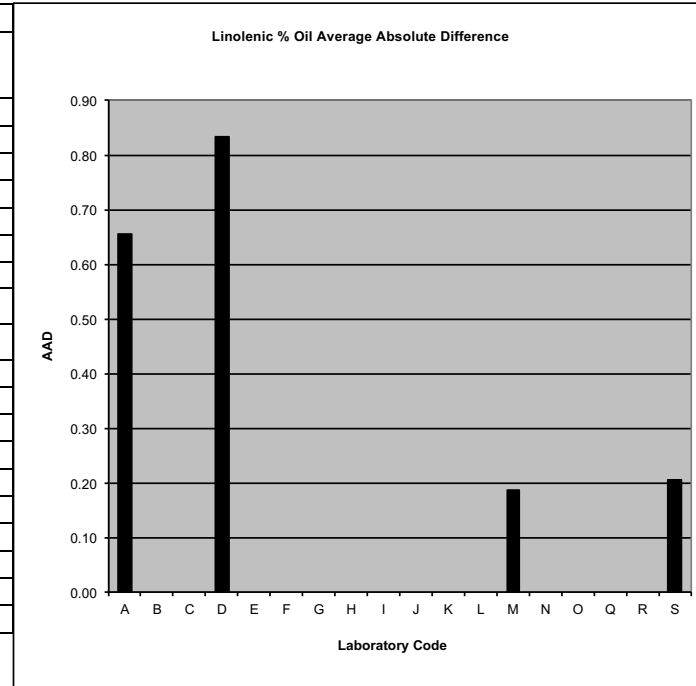
2017 AOF Test Check Program Round 2 Summary - March

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	25.54	-0.46	21.78	-0.77	22.77	0.67	-0.19	0.63
B								
C								
D	22.01	-4.00	22.44	-0.12	21.56	-0.54	-1.55	1.55
E								
F								
G								
H								
I								
J								
K								
L								
M	26.26	0.26	23.01	0.45	22.17	0.07	0.26	0.26
N								
O								
Q								
R								
S	26.20	0.20	22.99	0.44	21.90	-0.20	0.15	0.28
MEAN	26.00		22.56		22.10			0.68
STDEV	0.40		0.58		0.51			



2017 AOF Test Check Program Round 2 Summary - March

Linolenic % 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	12.71	0.35	10.18	-0.32	11.09	1.29	0.44	0.65
B								
C								
D	10.36	-2.00	10.24	-0.27	9.57	-0.24	-0.83	0.83
E								
F								
G								
H								
I								
J								
K								
L								
M	12.30	-0.06	10.79	0.29	10.02	0.21	0.15	0.19
N								
O								
Q								
R								
S	12.06	-0.30	10.80	0.30	9.83	0.02	0.01	0.21
MEAN	12.36		10.50		9.80			0.47
STDEV	0.33		0.34		0.23			



2017 AOF Test Check Program Round 2 Summary - March

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	0.31	-0.12	0.15	-0.09	0.11	-0.04	-0.08	0.08
B								
C								
D	0.68	0.24	0.48	0.24	0.46	0.32	0.27	0.27
E								
F								
G								
H								
I								
J	0.56	0.12	0.32	0.08	0.24	0.09	0.10	0.10
K								
L								
M	0.57	0.13	0.27	0.02	0.22	0.07	0.08	0.08
N								
O	0.20	-0.23	0.09	-0.15	0.08	-0.06	-0.15	0.15
Q								
R								
S	0.30	-0.14	0.16	-0.09	0.08	-0.06	-0.10	0.10
MEAN	0.43		0.24		0.14			0.13
STDEV	0.19		0.14		0.08			

