



**2012 AOF Test Check Program
Monthly Report
Round 7
July- 2012
01/07/2012 – 31/07/2012**

Result Receiving Dates

Lab Code	Date
A	23/07/2012
B	30/07/2012
C	03/08/2012
D	01/08/2012
E	12/07/2012
F	01/08/2012
G	29/06/2012
H	30/07/2012
I	17/07/2012
J	12/07/2012
K	20/07/2012
L	27/07/2012
M	27/07/2012
N	05/07/2012

Discussion of Results

Test Weight

No outliers were observed for this test.

Impurities

Sample 1 – Outliers were identified for Lab **C** and **H**. Lab C results were 0.03 of a percent discrepancy from the upper (1.22%) quartile limit. Lab H results were 0.14 of a percent discrepancy from the lower (0.49%) quartile limit.

Sample 2 – One outlier was identified for Lab **J** with a 0.65 percent discrepancy from the upper (1.61%) quartile limit.

Sample 3 – No outliers were observed.



2012 AOF Test Check Program
Monthly Report
Round 7
July- 2012
01/07/2012 – 31/07/2012

Oil Rapid

Sample 1 – No outliers were observed.

Sample 2 – Outliers were identified for Lab **H** and **N**. Lab H results were 0.14 of a percent discrepancy from the lower (39.44%) quartile limit. Lab N results were 0.07 of a percent discrepancy from the upper (40.63%) quartile limit.

Sample 3 – Outliers were identified for Lab **D** and **H**. Lab D results were 0.36 of a percent discrepancy from the upper (44.07%) quartile limit. Lab H results were 0.07 of a percent discrepancy from the lower (42.97%) quartile limit.

Oil Solvent (ISO 659)

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab **F** with a 0.68 of a percent discrepancy from the lower (39.48%) quartile limit.

Sample 3 – No outliers were observed.

Oil Solvent Reference (AOCS Method Am 2-93)

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab **K** with a 0.78 of a percent discrepancy from the lower (39.49%) quartile limit.

Sample 3 – No outliers were observed.

Moisture Oven

Sample 1 – One outlier was identified for Lab **F** with a 0.29 of a percent discrepancy from the lower (5.84%) quartile limit.

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for Lab **F** with a 0.11 of a percent discrepancy from the lower (6.02%) quartile limit.



2012 AOF Test Check Program
Monthly Report
Round 7
July- 2012
01/07/2012 – 31/07/2012

Moisture Rapid

No outliers were observed for this test.

Oleic Oil

Sample 1 – Outliers were identified for Lab **K** and **L**. Lab K results were 0.45 of a percent discrepancy from the upper (61.25%) quartile limit. Lab L results were 0.23 of a percent discrepancy from the lower (57.33%) quartile limit.

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for Lab **L** with a 0.39 of a percent discrepancy from the lower (61.90%) quartile limit.

Linoleic Oil

Sample 1 – One outlier was identified for Lab **K** with a 2.97 of a percent discrepancy from the lower (20.67%) quartile limit.

Sample 2 – One outlier was identified for Lab **K** with a 3.12 of a percent discrepancy from the lower (18.04%) quartile limit.

Sample 3 – Outliers were identified for Lab **K** and **L**. Lab K results were 3.31 of a percent discrepancy from the lower (18.36%) quartile limit. Lab L results were 0.03 of a percent discrepancy from the upper (19.26%) quartile limit.

Free Fatty Acid

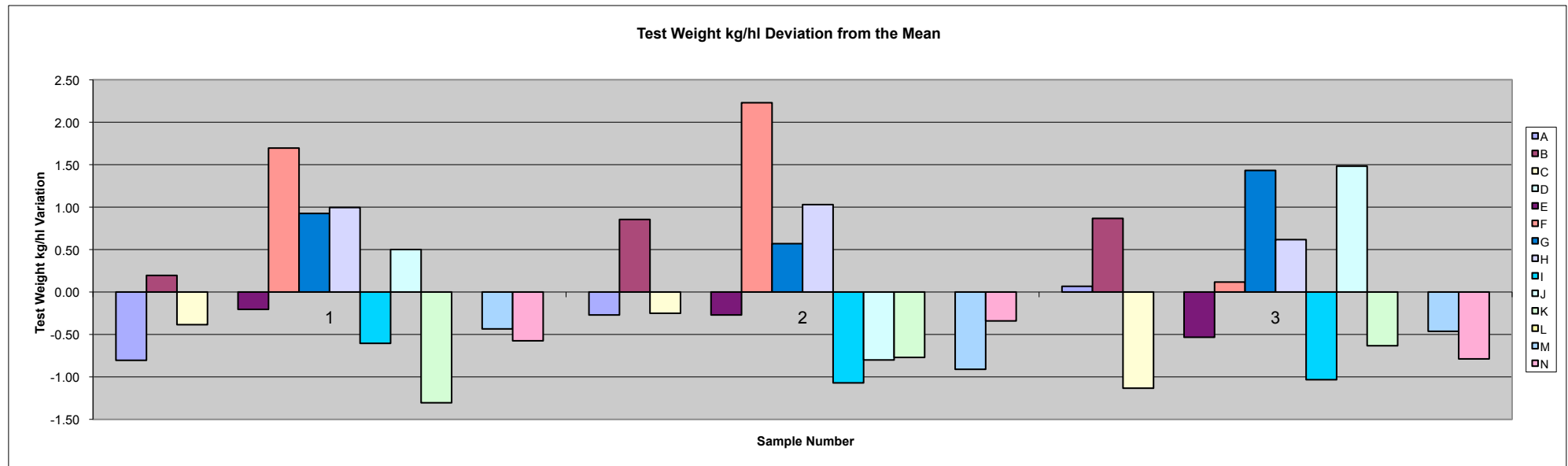
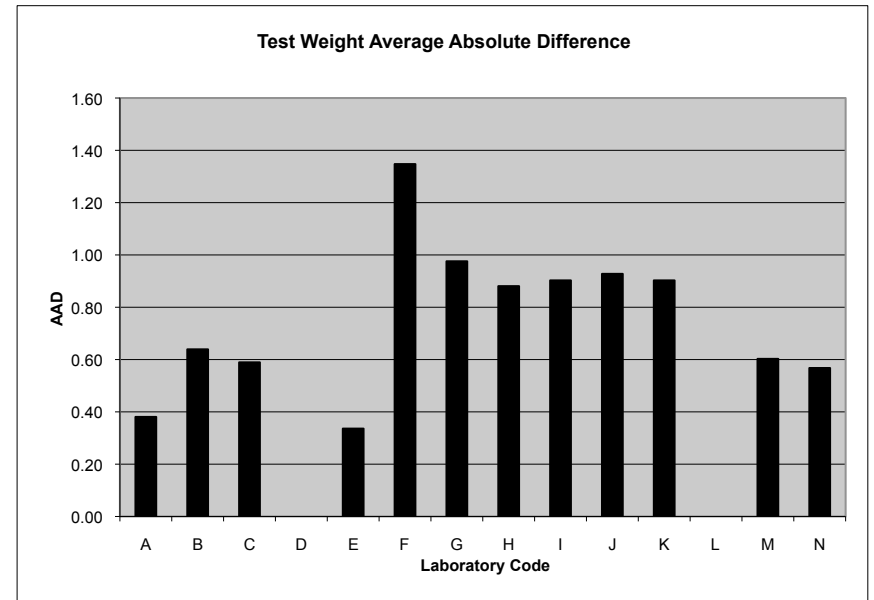
Sample 1 – One outlier was identified for Lab **E** with a 0.15 of a percent discrepancy from the upper (0.74%) quartile limit.

Sample 2 – One outlier was identified for Lab **E** with a 0.33 of a percent discrepancy from the upper (0.81%) quartile limit.

Sample 3 – One outlier was identified for Lab **E** with a 0.43 of a percent discrepancy from the upper (0.79%) quartile limit.

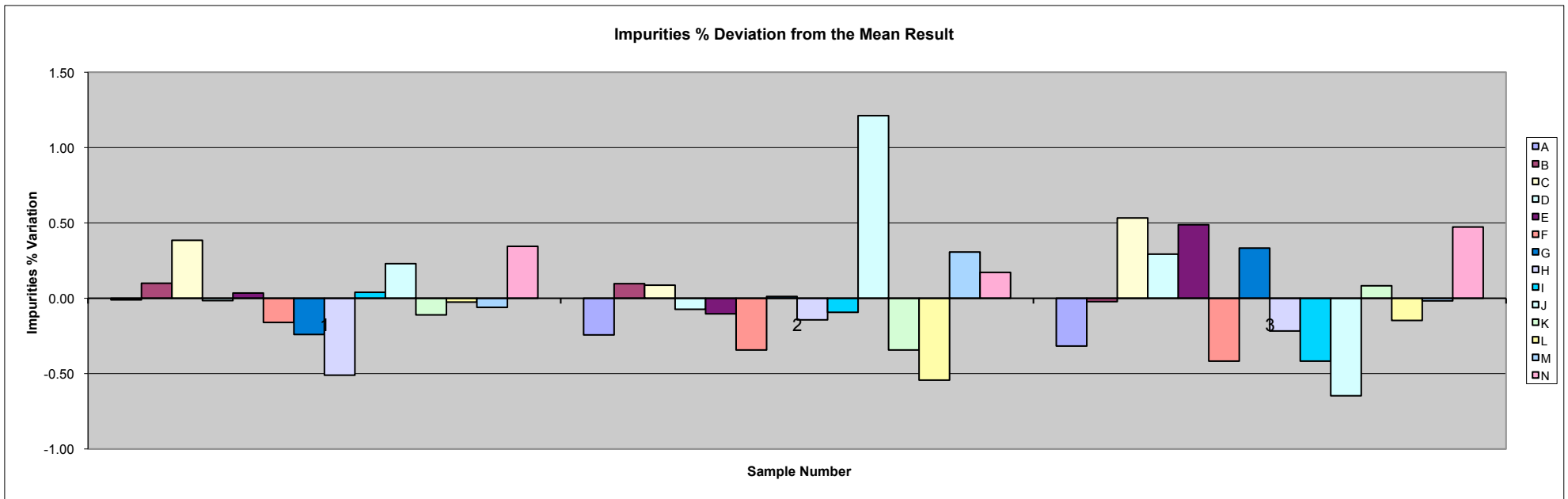
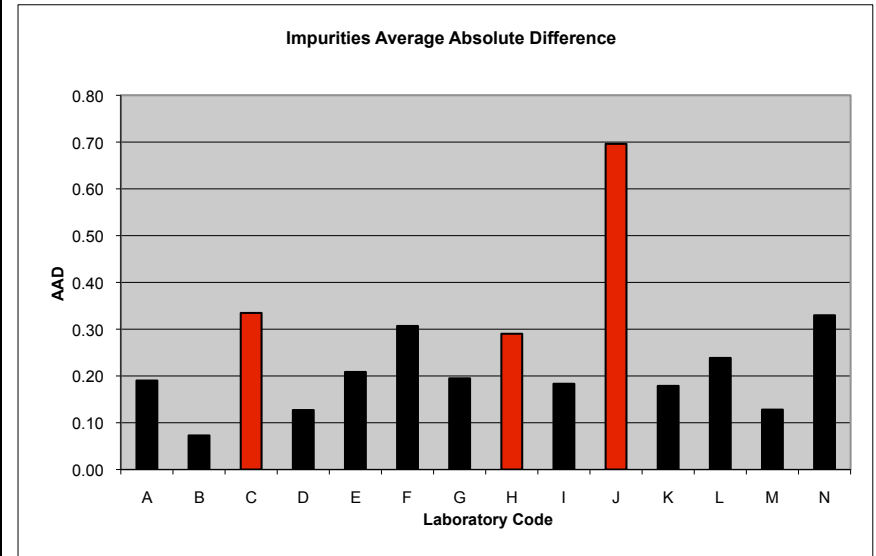
**2012 AOF Test Check Program
Round 7 Summary
July 2012**

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	68.50	-0.80	66.50	-0.27	65.70	0.07	-0.34	0.38
B	69.50	0.20	67.63	0.85	66.50	0.87	0.64	0.64
C	68.92	-0.38	66.52	-0.25	64.50	-1.13	-0.59	0.59
D								
E	69.10	-0.20	66.50	-0.27	65.10	-0.53	-0.34	0.34
F	71.00	1.70	69.00	2.23	65.75	0.12	1.35	1.35
G	70.23	0.93	67.34	0.57	67.07	1.43	0.98	0.98
H	70.30	1.00	67.80	1.03	66.25	0.62	0.88	0.88
I	68.70	-0.60	65.70	-1.07	64.60	-1.03	-0.90	0.90
J	69.81	0.50	65.97	-0.80	67.12	1.48	0.39	0.93
K	68.00	-1.30	66.00	-0.77	65.00	-0.63	-0.90	0.90
L								
M	68.87	-0.43	65.86	-0.91	65.17	-0.46	-0.60	0.60
N	68.73	-0.57	66.43	-0.34	64.85	-0.79	-0.57	0.57
MEAN	69.30		66.77		65.63			0.75
STDEV	0.88		0.98		0.92			



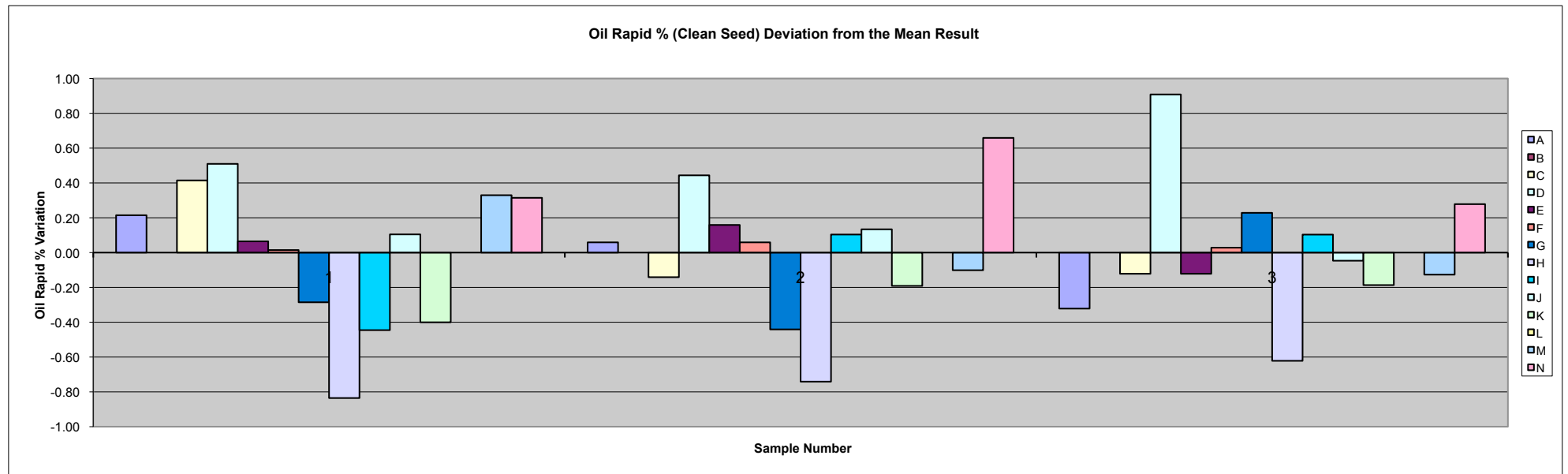
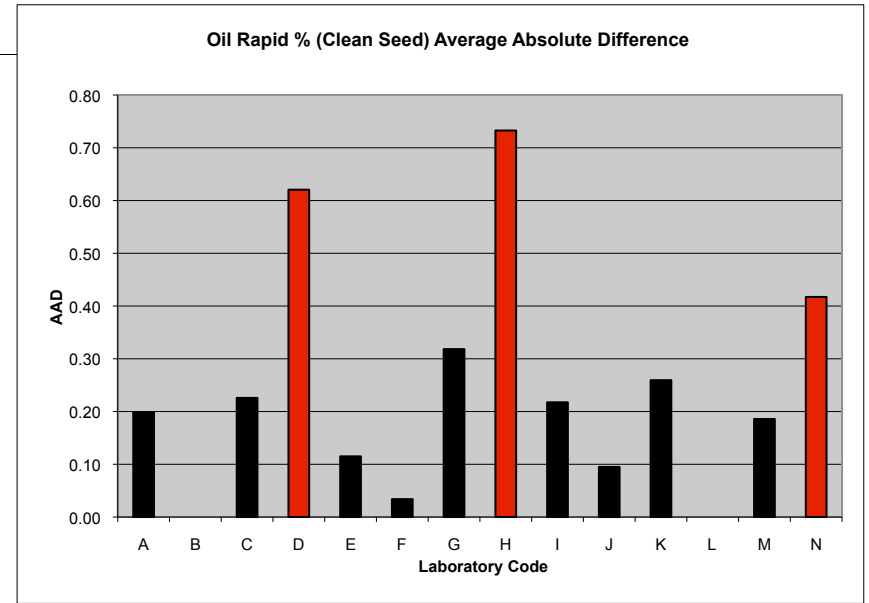
**2012 AOF Test Check Program
Round 7 Summary
July 2012**

Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.85	-0.01	0.80	-0.24	1.40	-0.32	-0.19	0.19
B	0.96	0.10	1.14	0.10	1.70	-0.02	0.06	0.07
C	1.25	0.38	1.13	0.09	2.25	0.53	0.33	0.33
D	0.85	-0.02	0.97	-0.07	2.01	0.29	0.07	0.13
E	0.90	0.03	0.94	-0.10	2.21	0.49	0.14	0.21
F	0.70	-0.16	0.70	-0.34	1.30	-0.42	-0.31	0.31
G	0.62	-0.24	1.06	0.01	2.05	0.33	0.03	0.20
H	0.35	-0.51	0.90	-0.14	1.50	-0.22	-0.29	0.29
I	0.90	0.04	0.95	-0.09	1.30	-0.42	-0.16	0.18
J	1.09	0.23	2.26	1.21	1.07	-0.65	0.26	0.70
K	0.75	-0.11	0.70	-0.34	1.80	0.08	-0.12	0.18
L	0.84	-0.03	0.50	-0.54	1.57	-0.15	-0.24	0.24
M	0.80	-0.06	1.35	0.31	1.70	-0.02	0.08	0.13
N	1.21	0.34	1.22	0.17	2.19	0.47	0.33	0.33
MEAN	0.86		1.04		1.72			0.25
STDEV	0.23		0.42		0.38			



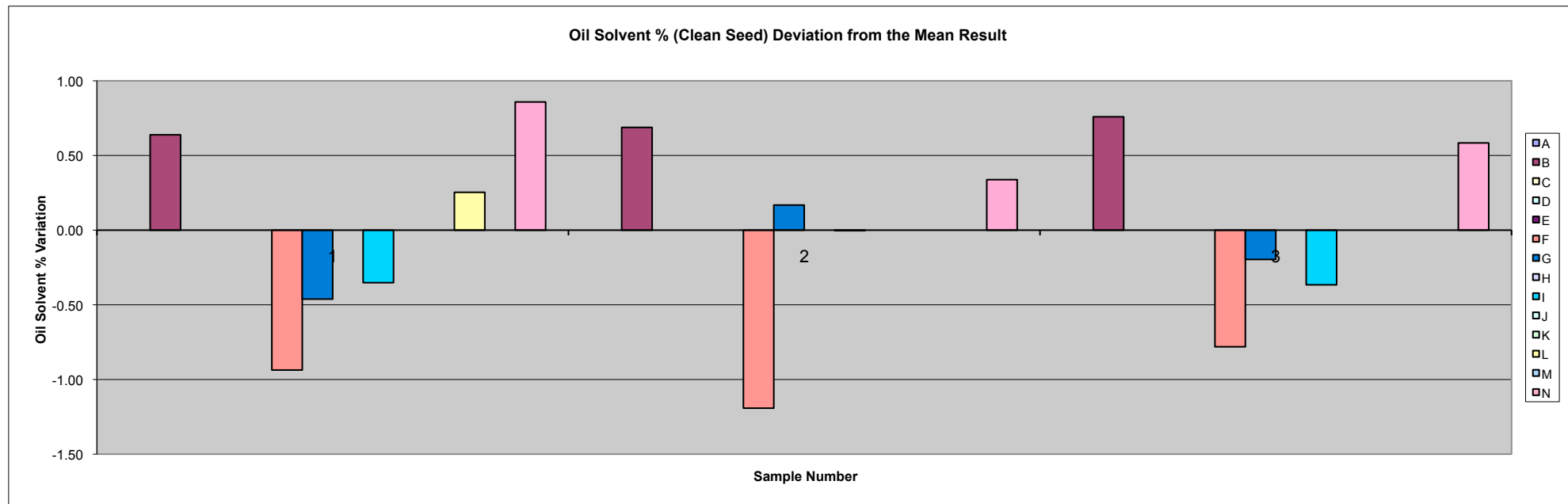
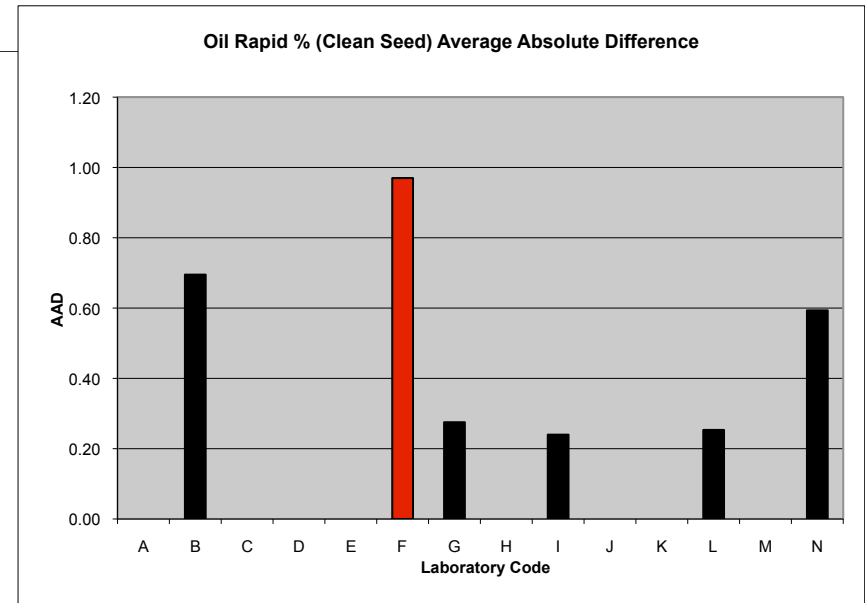
**2012 AOF Test Check Program
Round 7 Summary
July 2012**

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	42.15	0.21	40.10	0.06	43.20	-0.32	-0.02	0.20
B								
C	42.35	0.41	39.90	-0.14	43.40	-0.12	0.05	0.23
D	42.45	0.51	40.49	0.44	44.43	0.91	0.62	0.62
E	42.00	0.06	40.20	0.16	43.40	-0.12	0.03	0.12
F	41.95	0.01	40.10	0.06	43.55	0.03	0.03	0.03
G	41.65	-0.29	39.60	-0.44	43.75	0.23	-0.17	0.32
H	41.10	-0.84	39.30	-0.74	42.90	-0.62	-0.73	0.73
I	41.49	-0.45	40.15	0.10	43.63	0.10	-0.08	0.22
J	42.04	0.10	40.18	0.13	43.48	-0.05	0.06	0.10
K	41.54	-0.40	39.85	-0.19	43.34	-0.19	-0.26	0.26
L								
M	42.27	0.33	39.94	-0.10	43.40	-0.13	0.03	0.19
N	42.25	0.31	40.70	0.66	43.80	0.28	0.42	0.42
MEAN	41.94		40.04		43.52			0.28
STDEV	0.41		0.37		0.37			



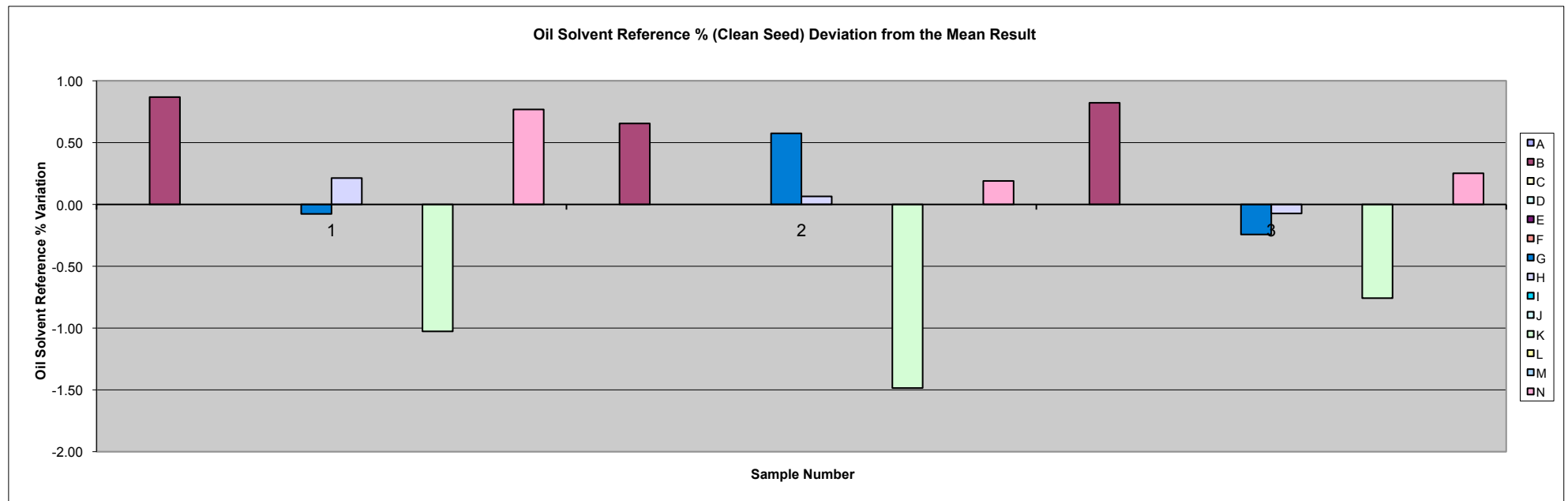
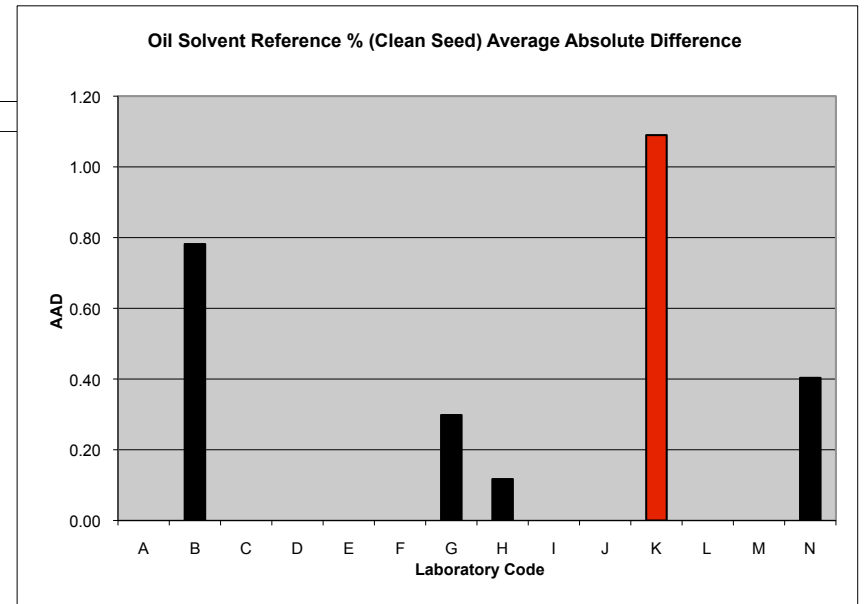
**2012 AOF Test Check Program
Round 7 Summary
July 2012**

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	42.28	0.64	40.68	0.69	44.29	0.76	0.70	0.70
C								
D								
E								
F	40.70	-0.94	38.80	-1.19	42.75	-0.78	-0.97	0.97
G	41.18	-0.46	40.16	0.17	43.34	-0.20	-0.16	0.28
H								
I	41.29	-0.35	39.99	0.00	43.17	-0.37	-0.24	0.24
J								
K								
L	41.89	0.25					0.25	0.25
M								
N	42.50	0.86	40.33	0.34	44.12	0.58	0.59	0.59
MEAN	41.64		39.99		43.53			0.50
STDEV	0.70		0.71		0.65			



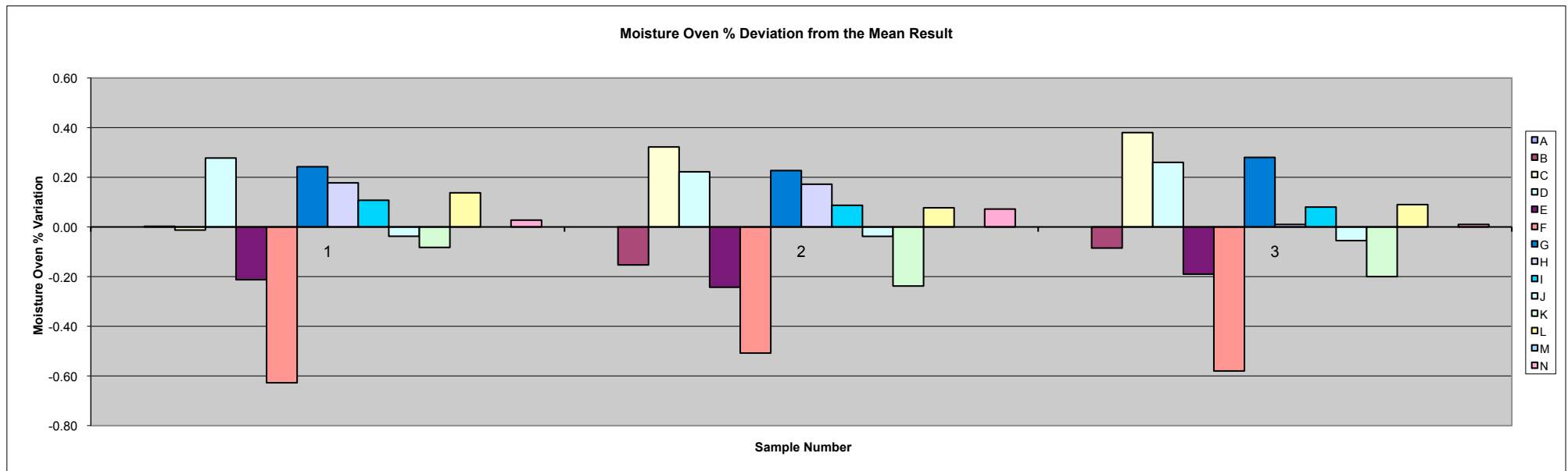
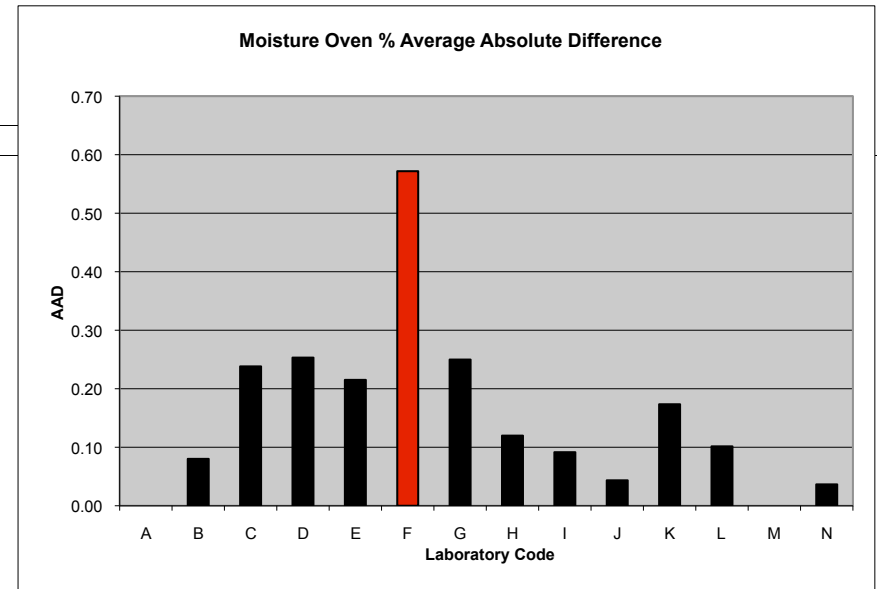
**2012 AOF Test Check Program
Round 7 Summary
July 2012**

Oil Solvent Reference % (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	42.51	0.87	40.84	0.66	44.60	0.82	0.78	0.78
C								
D								
E								
F								
G	41.56	-0.08	40.76	0.58	43.53	-0.24	0.09	0.30
H	41.85	0.21	40.25	0.06	43.70	-0.07	0.07	0.12
I								
J								
K	40.61	-1.03	38.70	-1.49	43.02	-0.76	-1.09	1.09
L								
M								
N	42.41	0.77	40.38	0.19	44.03	0.25	0.40	0.40
MEAN	41.79		40.19		43.77			0.54
STDEV	0.76		0.87		0.59			



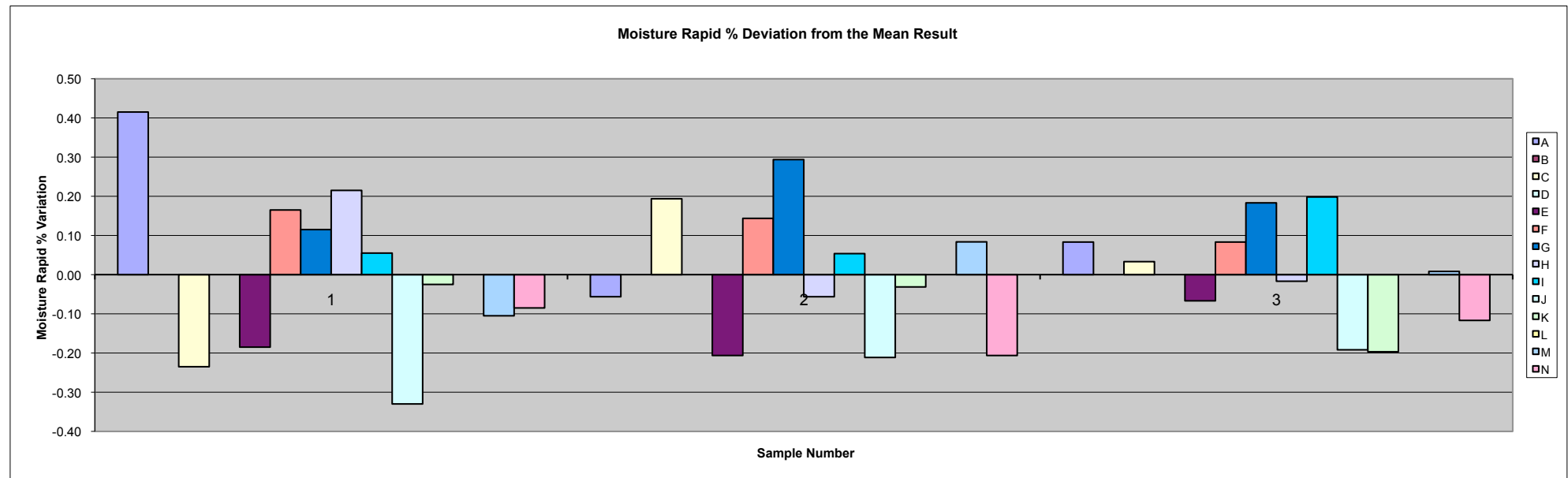
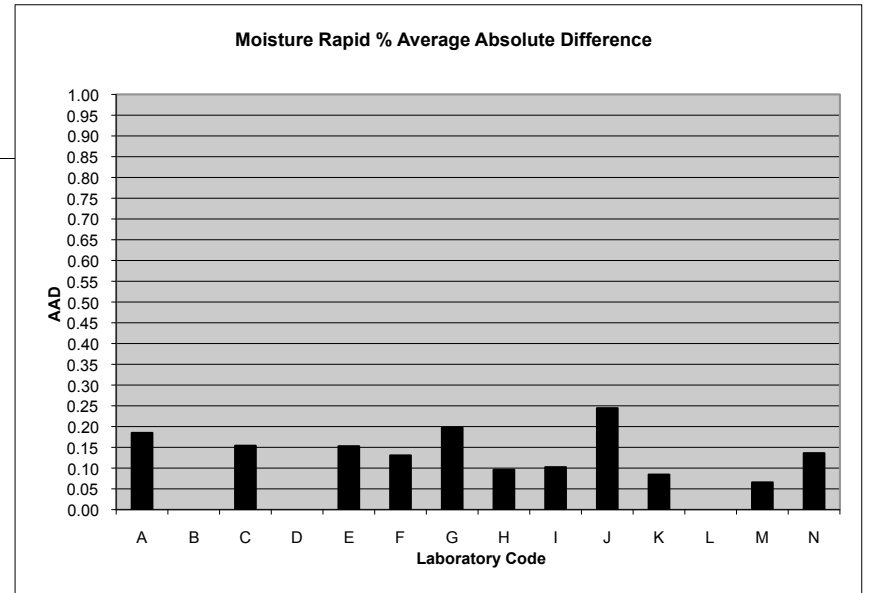
**2012 AOF Test Check Program
Round 7 Summary
July 2012**

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	6.18	0.00	6.28	-0.15	6.41	-0.09	-0.08	0.08
C	6.16	-0.01	6.75	0.32	6.87	0.38	0.23	0.24
D	6.45	0.28	6.65	0.22	6.75	0.26	0.25	0.25
E	5.96	-0.21	6.19	-0.24	6.30	-0.19	-0.22	0.22
F	5.55	-0.63	5.92	-0.51	5.91	-0.58	-0.57	0.57
G	6.42	0.24	6.66	0.23	6.77	0.28	0.25	0.25
H	6.35	0.18	6.60	0.17	6.50	0.01	0.12	0.12
I	6.28	0.11	6.52	0.09	6.57	0.08	0.09	0.09
J	6.14	-0.04	6.39	-0.04	6.44	-0.05	-0.04	0.04
K	6.09	-0.08	6.19	-0.24	6.29	-0.20	-0.17	0.17
L	6.31	0.14	6.51	0.08	6.58	0.09	0.10	0.10
M								
N	6.20	0.03	6.50	0.07	6.50	0.01	0.04	0.04
MEAN	6.17		6.43		6.49			0.18
STDEV	0.24		0.24		0.26			



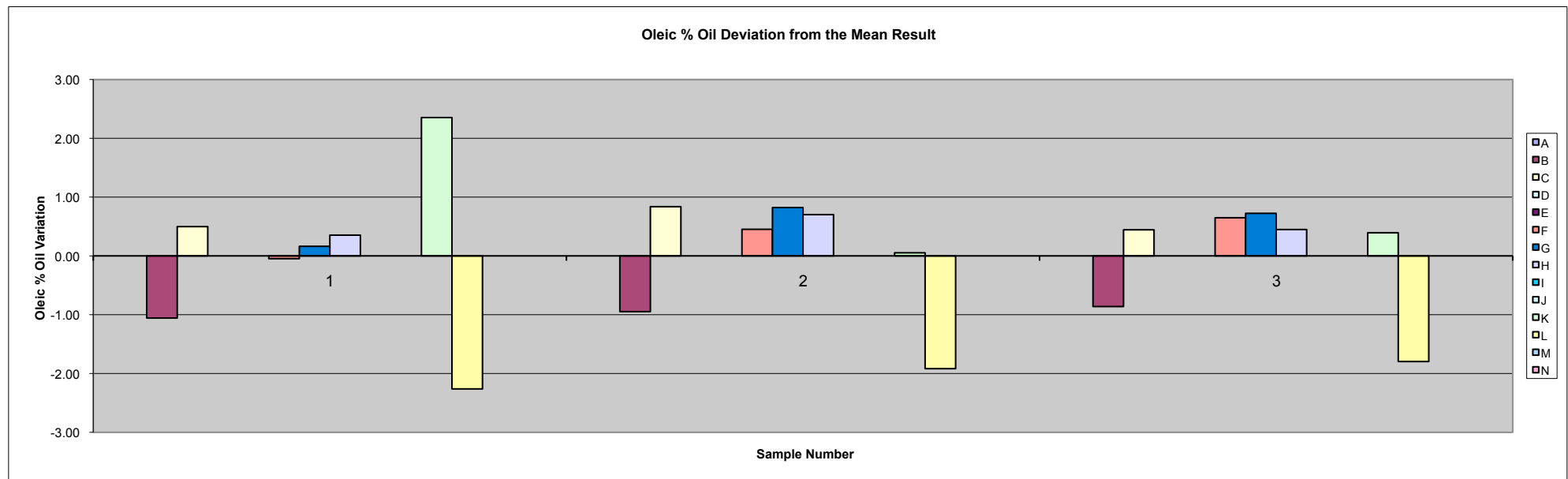
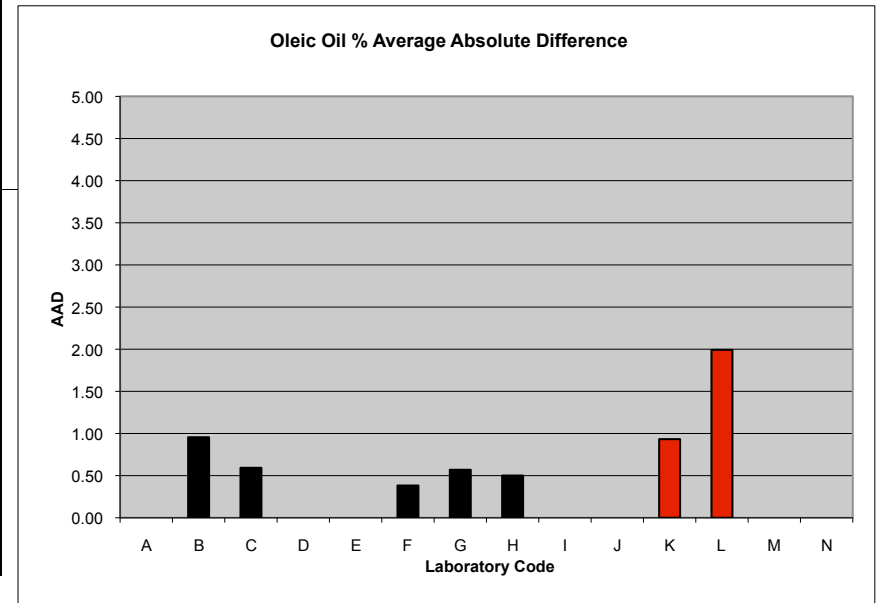
**2012 AOF Test Check Program
Round 7 Summary
July 2012**

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	6.55	0.42	6.40	-0.06	6.40	0.08	0.15	0.18
B								
C	5.90	-0.23	6.65	0.19	6.35	0.03	0.00	0.15
D								
E	5.95	-0.19	6.25	-0.21	6.25	-0.07	-0.15	0.15
F	6.30	0.17	6.60	0.14	6.40	0.08	0.13	0.13
G	6.25	0.12	6.75	0.29	6.50	0.18	0.20	0.20
H	6.35	0.22	6.40	-0.06	6.30	-0.02	0.05	0.10
I	6.19	0.05	6.51	0.05	6.52	0.20	0.10	0.10
J	5.81	-0.33	6.25	-0.21	6.13	-0.19	-0.24	0.24
K	6.11	-0.03	6.43	-0.03	6.12	-0.20	-0.08	0.08
L								
M	6.03	-0.11	6.54	0.08	6.33	0.01	0.00	0.07
N	6.05	-0.09	6.25	-0.21	6.20	-0.12	-0.14	0.14
MEAN	6.14		6.46		6.32			0.14
STDEV	0.22		0.17		0.13			



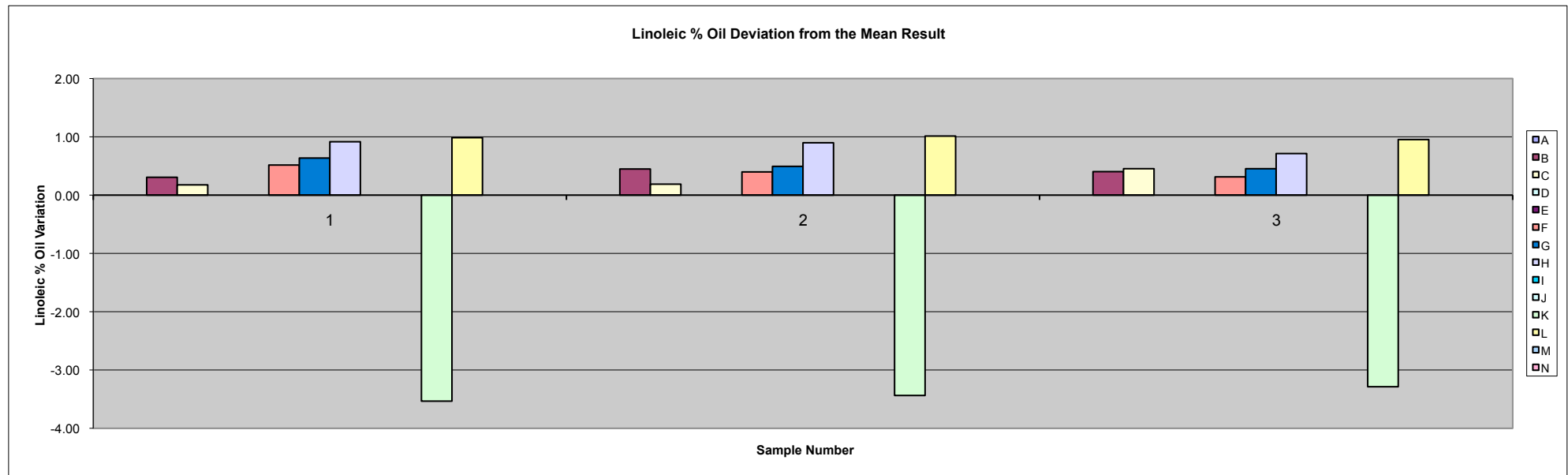
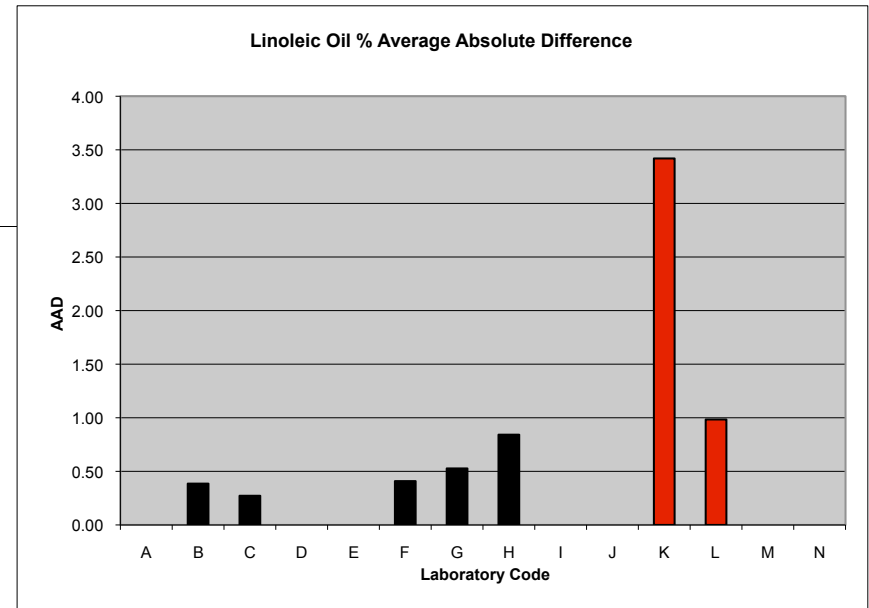
**2012 AOF Test Check Program
Round 7 Summary
July 2012**

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	58.29	-1.06	62.95	-0.95	62.44	-0.86	-0.96	0.96
C	59.85	0.50	64.74	0.84	63.75	0.44	0.59	0.59
D								
E								
F	59.30	-0.05	64.35	0.45	63.95	0.65	0.35	0.38
G	59.51	0.16	64.72	0.82	64.03	0.72	0.57	0.57
H	59.70	0.35	64.60	0.70	63.75	0.45	0.50	0.50
I								
J								
K	61.70	2.35	63.95	0.05	63.70	0.39	0.93	0.93
L	57.09	-2.26	61.98	-1.92	61.51	-1.80	-1.99	1.99
M								
N								
MEAN	59.35		63.90		63.30			0.85
STDEV	1.42		1.05		0.95			



**2012 AOF Test Check Program
Round 7 Summary
July 2012**

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	21.54	0.31	18.80	0.45	18.74	0.40	0.39	0.39
C	21.41	0.18	18.54	0.19	18.79	0.45	0.27	0.27
D								
E								
F	21.75	0.52	18.75	0.40	18.65	0.31	0.41	0.41
G	21.87	0.64	18.85	0.49	18.79	0.45	0.53	0.53
H	22.15	0.92	19.25	0.90	19.05	0.71	0.84	0.84
I								
J								
K	17.70	-3.53	14.92	-3.44	15.05	-3.29	-3.42	3.42
L	22.22	0.99	19.37	1.01	19.29	0.95	0.98	0.98
M								
N								
MEAN	21.23		18.35		18.34			0.98
STDEV	1.59		1.54		1.47			



**2012 AOF Test Check Program
Round 7 Summary
July 2012**

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	0.37	-0.09	0.59	-0.05	0.34	-0.17	-0.11	0.11
C	0.41	-0.05	0.55	-0.09	0.45	-0.06	-0.07	0.07
D								
E	0.89	0.44	1.14	0.49	1.22	0.71	0.55	0.55
F	0.36	-0.09	0.62	-0.02	0.38	-0.13	-0.08	0.08
G	0.62	0.16	0.73	0.09	0.71	0.20	0.15	0.15
H	0.25	-0.21	0.40	-0.24	0.28	-0.23	-0.23	0.23
I								
J								
K	0.29	-0.16	0.51	-0.13	0.30	-0.21	-0.17	0.17
L	0.46	0.00	0.62	-0.02	0.42	-0.09	-0.04	0.04
M								
N								
MEAN	0.45		0.64		0.51			0.17
STDEV	0.21		0.22		0.32			

