



**2013 AOF Test Check Program
Monthly Report
Round 8
August 2013
01/08/2013 – 01/09/2013**

Result Receiving Dates

Lab Code	Date
A	09/08/2013
B	30/08/2013
C	30/08/2013
D	-
E	16/08/2013
F	-
G	23/08/2013
H	30/08/2013
I	12/08/2013
J	29/08/2013
K	30/08/2013
L	-
M	02/09/2013
N	20/08/2013
O	13/08/2013

Discussion of Results

Test Weight

Sample 1 – One outlier was identified for Lab **M** with a 0.04 percent discrepancy from the lower quartile limit (67.94%).

Sample 2 – No outliers were observed.

Sample 3 – No outliers were observed.

Impurities

Sample 1 – One outlier was identified for Lab **J** with a 0.02 percent discrepancy from the upper quartile limit (1.39%).

Sample 2 – No outliers were observed.

Sample 3 – No outliers were observed.



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Oil Rapid

No Outliers were identified for this test method.

Oil Solvent Extraction (ISO 659)

Sample 1 – One outlier was identified for Lab **K** with a 0.33 percent discrepancy from the lower quartile limit (38.08%).

Sample 2 – No outliers were observed.

Sample 3 – No outliers were observed.

Moisture Oven

Sample 1 – One outlier was identified for Lab **E** with a 0.28 percent discrepancy from the upper quartile limit (6.89%).

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for Lab **E** with a 0.83 percent discrepancy from the upper quartile limit (4.91%).

Moisture Rapid

No Outliers were identified for this test method.

Oleic Oil

Sample 1 – No outliers were observed.

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for Lab **B** with a 0.68 percent discrepancy from the lower quartile limit (68.85%).

Linoleic Oil

No Outliers were identified for this test method.



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Free Fatty Acid

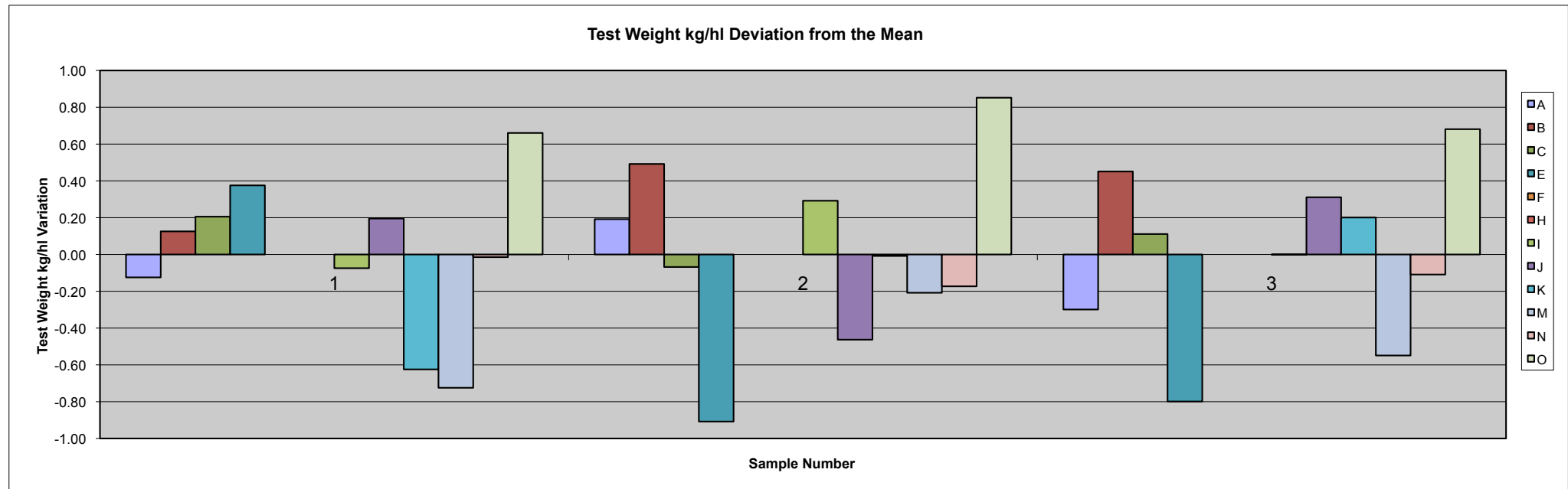
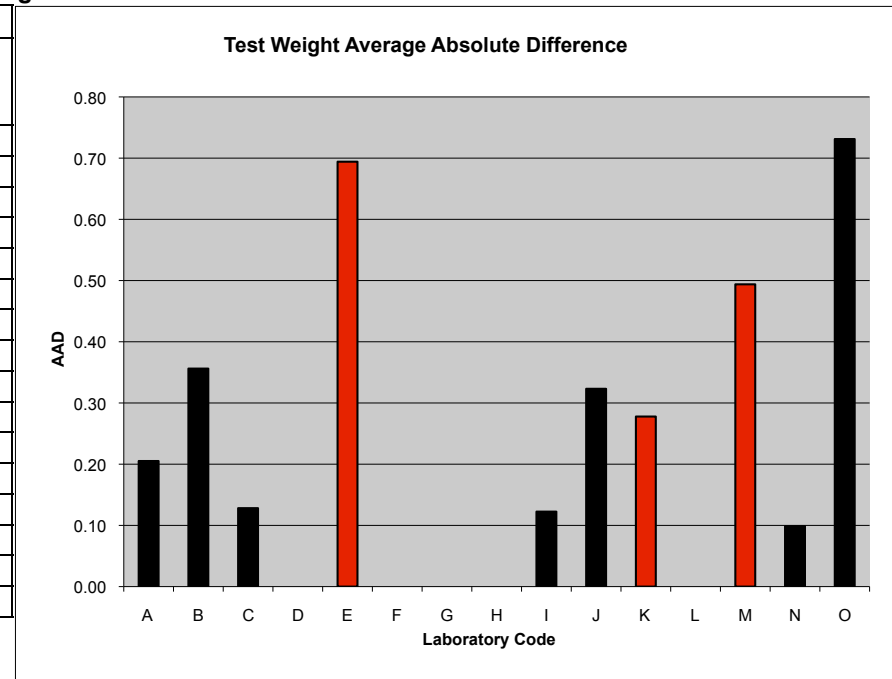
Sample 1 – One outlier was identified for Lab **G** with a 0.02 percent discrepancy from the upper quartile limit (1.10%).

Sample 2 – No outliers were observed.

Sample 3 – No outliers were observed.

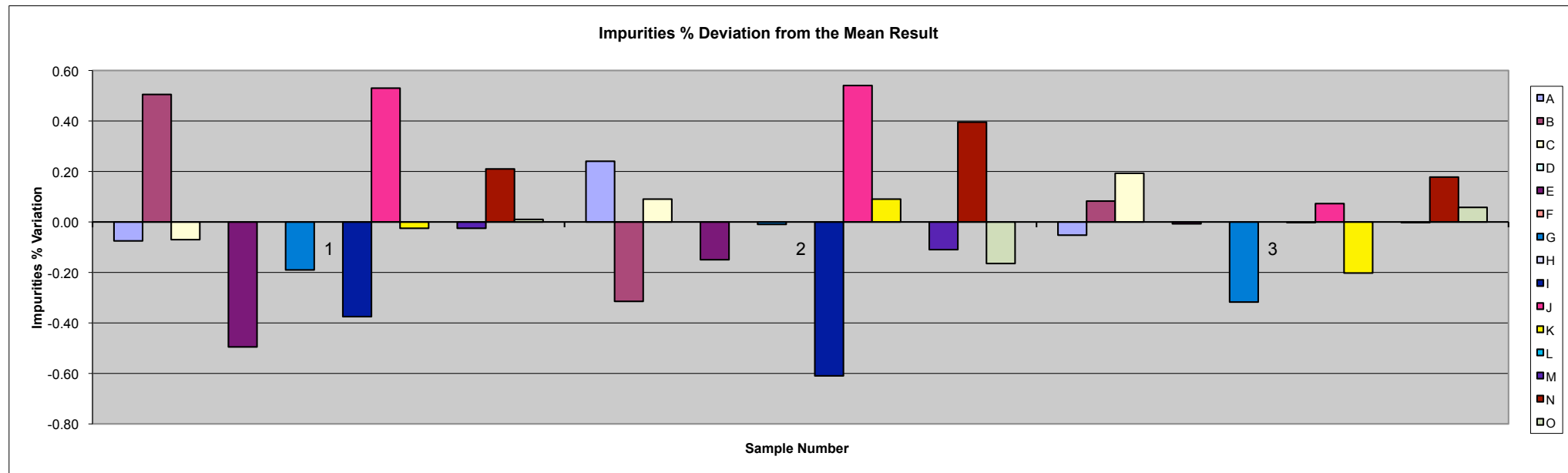
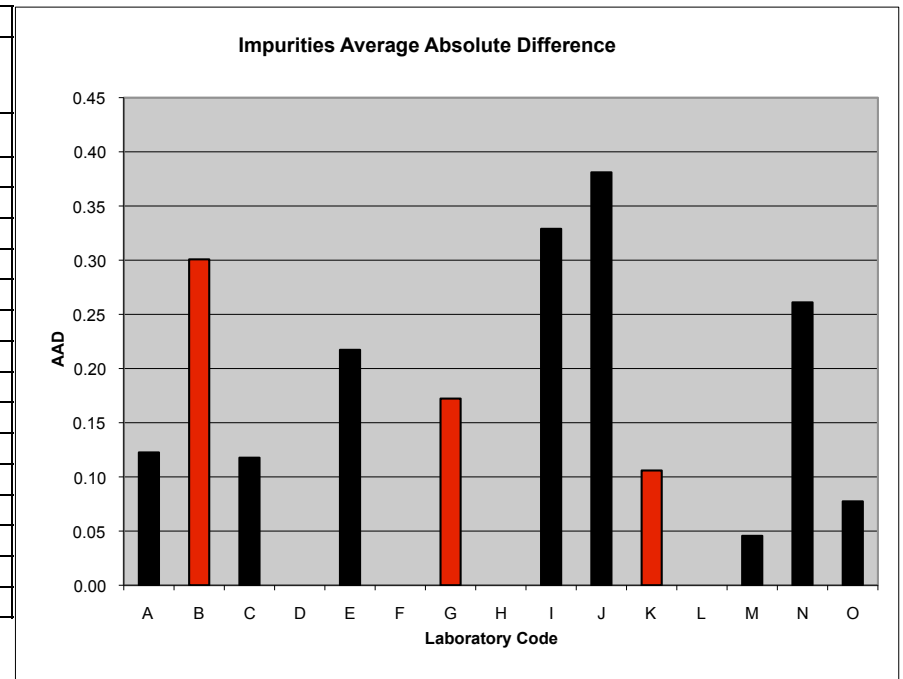
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Test Weight kg/hl								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	68.50	-0.12	67.20	0.19	67.50	-0.30	-0.08	0.21
B	68.75	0.13	67.50	0.49	68.25	0.45	0.36	0.36
C	68.83	0.21	66.94	-0.07	67.91	0.11	0.08	0.13
D								
E	69.00	0.38	66.10	-0.91	67.00	-0.80	-0.44	0.69
F								
G								
H								
I	68.55	-0.07	67.30	0.29	67.80	0.00	0.07	0.12
J	68.82	0.20	66.55	-0.46	68.11	0.31	0.01	0.32
K	68.00	-0.62	67.00	-0.01	68.00	0.20	-0.14	0.28
L								
M	67.90	-0.72	66.80	-0.21	67.25	-0.55	-0.49	0.49
N	68.61	-0.01	66.84	-0.17	67.69	-0.11	-0.10	0.10
O	69.29	0.66	67.86	0.85	68.48	0.68	0.73	0.73
MEAN	68.62		67.01		67.80			0.30
STDEV	0.42		0.50		0.45			



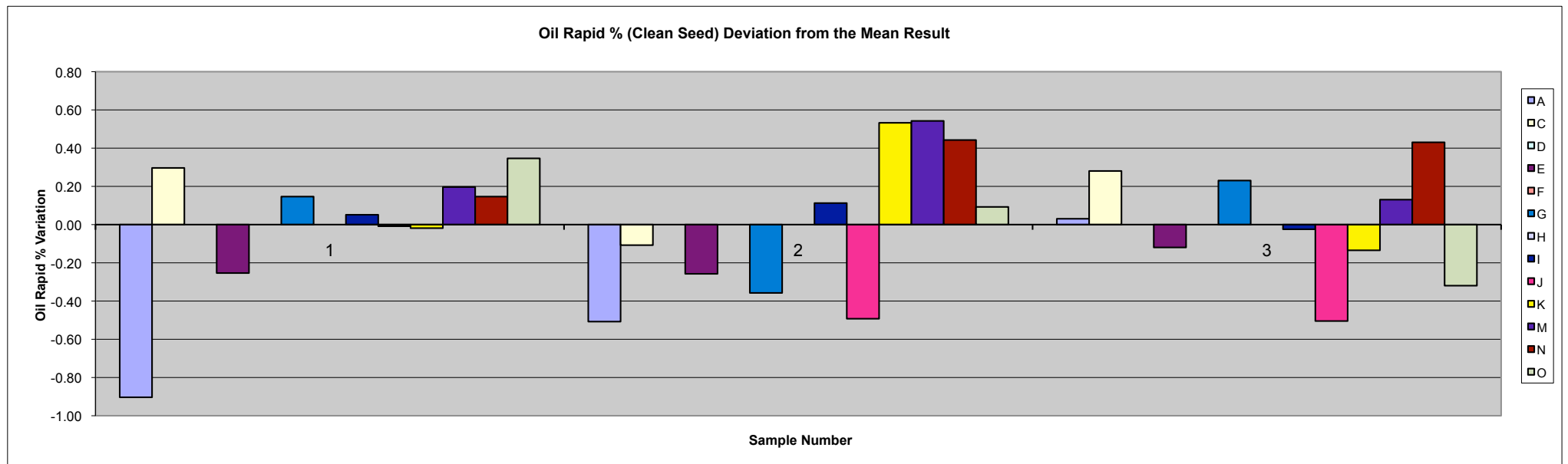
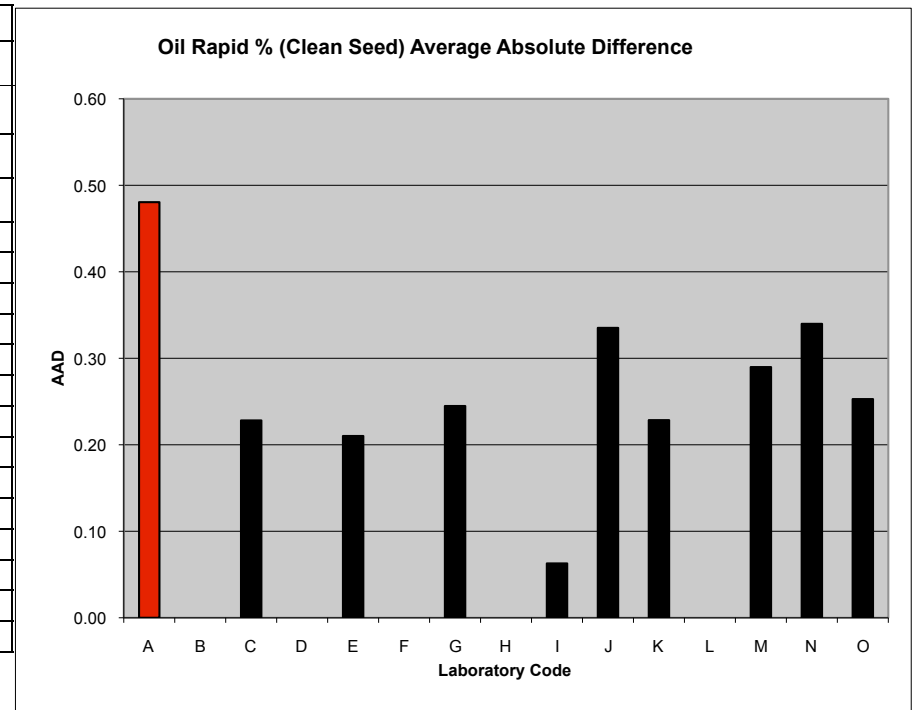
**2013 AOF Test Check Program
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Impurities %								
	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
Lab	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.80	-0.07	2.35	0.24	0.85	-0.05	0.04	0.12
B	1.38	0.51	1.80	-0.31	0.99	0.08	0.09	0.30
C	0.81	-0.07	2.20	0.09	1.10	0.19	0.07	0.12
D								
E	0.38	-0.50	1.96	-0.15	0.90	-0.01	-0.22	0.22
F								
G	0.69	-0.19	2.10	-0.01	0.59	-0.32	-0.17	0.17
H								
I	0.50	-0.38	1.50	-0.61	0.90	0.00	-0.33	0.33
J	1.41	0.53	2.65	0.54	0.98	0.07	0.38	0.38
K	0.85	-0.02	2.20	0.09	0.70	-0.20	-0.05	0.11
L								
M	0.85	-0.02	2.00	-0.11	0.90	0.00	-0.05	0.05
N	1.09	0.21	2.51	0.40	1.08	0.18	0.26	0.26
O	0.89	0.01	1.95	-0.16	0.96	0.06	-0.03	0.08
MEAN	0.88		2.11		0.90			0.21
STDEV	0.32		0.32		0.15			



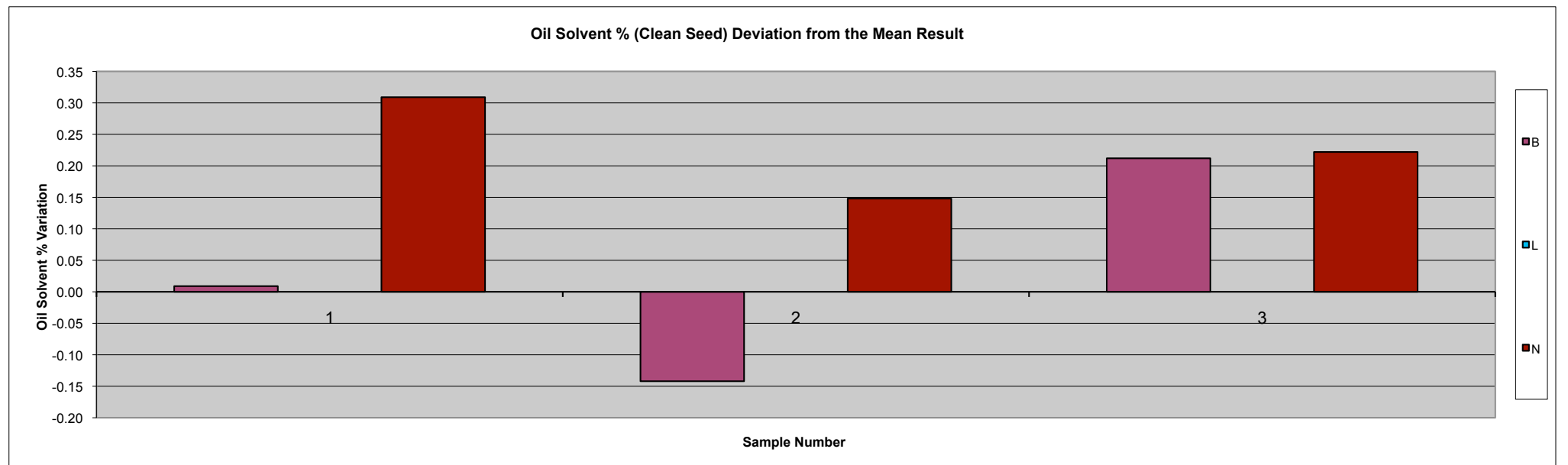
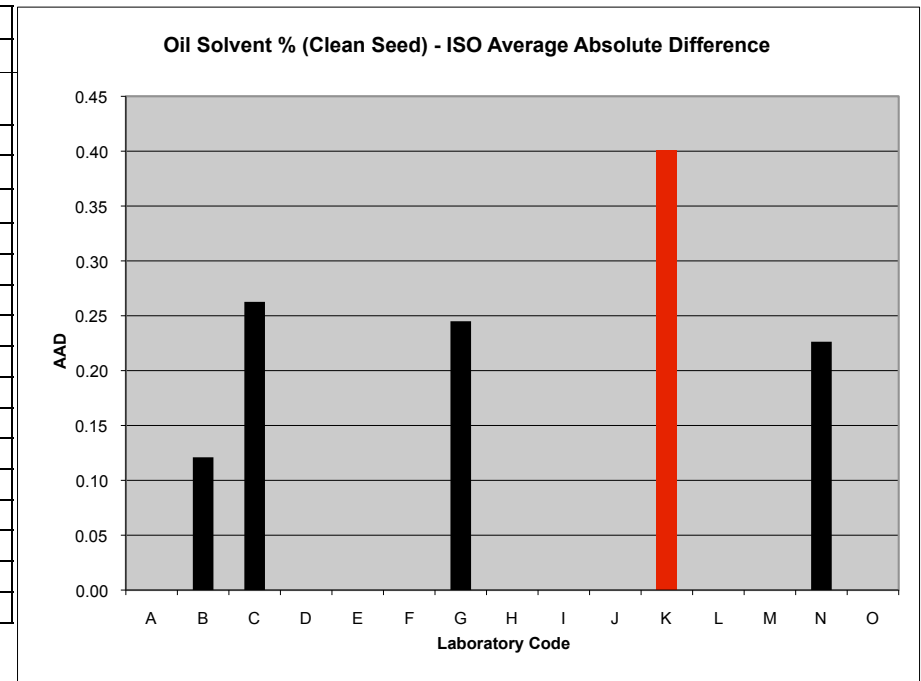
**2013 AOF Test Check Program
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Oil Rapid % (Clean Seed) Deviation from the Mean								
	Sample 1		Sample 2		Sample 3			
Lab	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean	Mean of Differences	Average Absolute Difference
A	38.20	-0.90	41.40	-0.51	42.85	0.03	-0.46	0.48
B								
C	39.40	0.30	41.80	-0.11	43.10	0.28	0.16	0.23
D								
E	38.85	-0.25	41.65	-0.26	42.70	-0.12	-0.21	0.21
F								
G	39.25	0.15	41.55	-0.36	43.05	0.23	0.01	0.24
H								
I	39.16	0.05	42.02	0.11	42.80	-0.02	0.05	0.06
J	39.10	-0.01	41.42	-0.49	42.32	-0.50	-0.34	0.34
K	39.09	-0.02	42.44	0.53	42.69	-0.13	0.13	0.23
L								
M	39.30	0.20	42.45	0.54	42.95	0.13	0.29	0.29
N	39.25	0.15	42.35	0.44	43.25	0.43	0.34	0.34
O	39.45	0.35	42.00	0.09	42.50	-0.32	0.04	0.25
MEAN	39.10		41.91		42.82			0.27
STDEV	0.36		0.41		0.28			



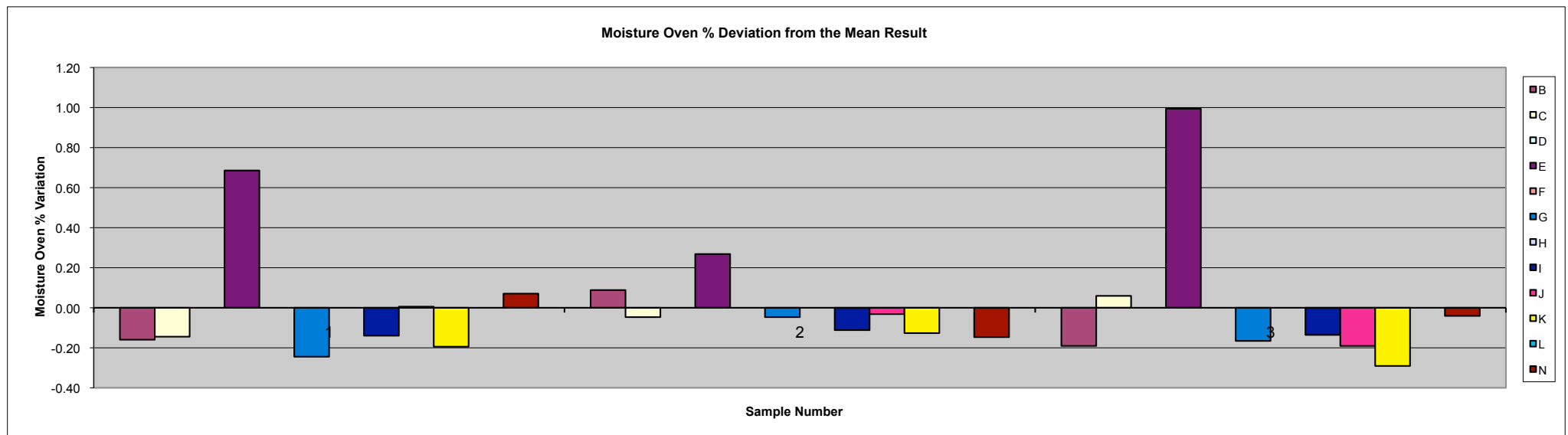
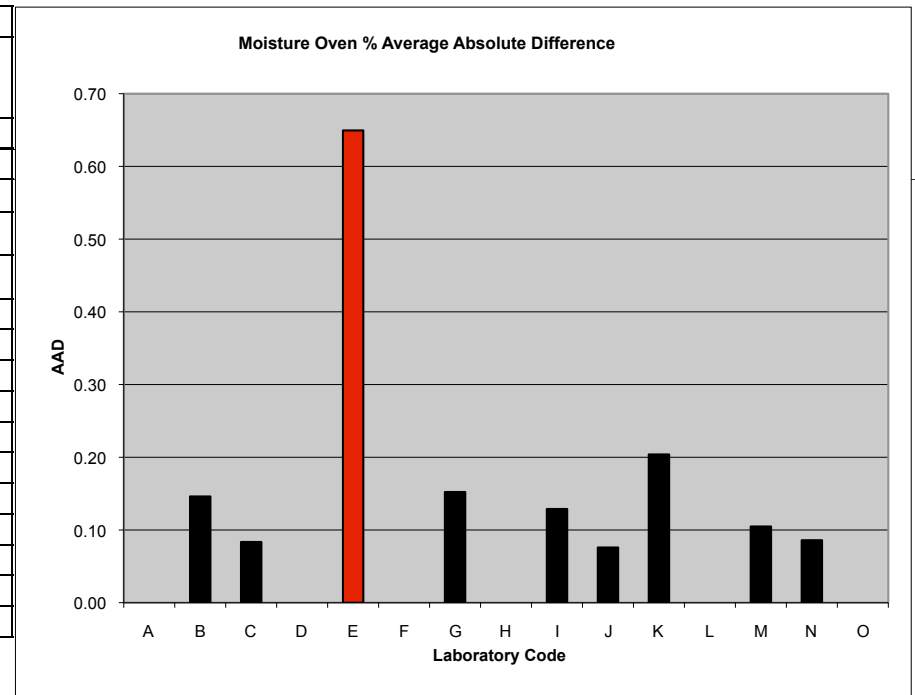
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Oil Solvent % (Clean Seed) Deviation from the Mean								
	Sample 1		Sample 2		Sample 3			
Lab	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean	Mean of Differences	Average Absolute Difference
A								
B	38.80	0.01	42.03	-0.14	42.96	0.21	0.03	0.12
C	39.10	0.31	41.79	-0.38	42.84	0.09	0.01	0.26
D								
E								
F								
G	38.87	0.08	42.67	0.50	42.59	-0.16	0.14	0.25
H								
I								
J								
K	38.08	-0.71	42.05	-0.12	42.38	-0.37	-0.40	0.40
L								
M								
N	39.10	0.31	42.32	0.15	42.97	0.22	0.23	0.23
O								
MEAN	38.79		42.17		42.74			0.25
STDEV	0.42		0.34		0.26			



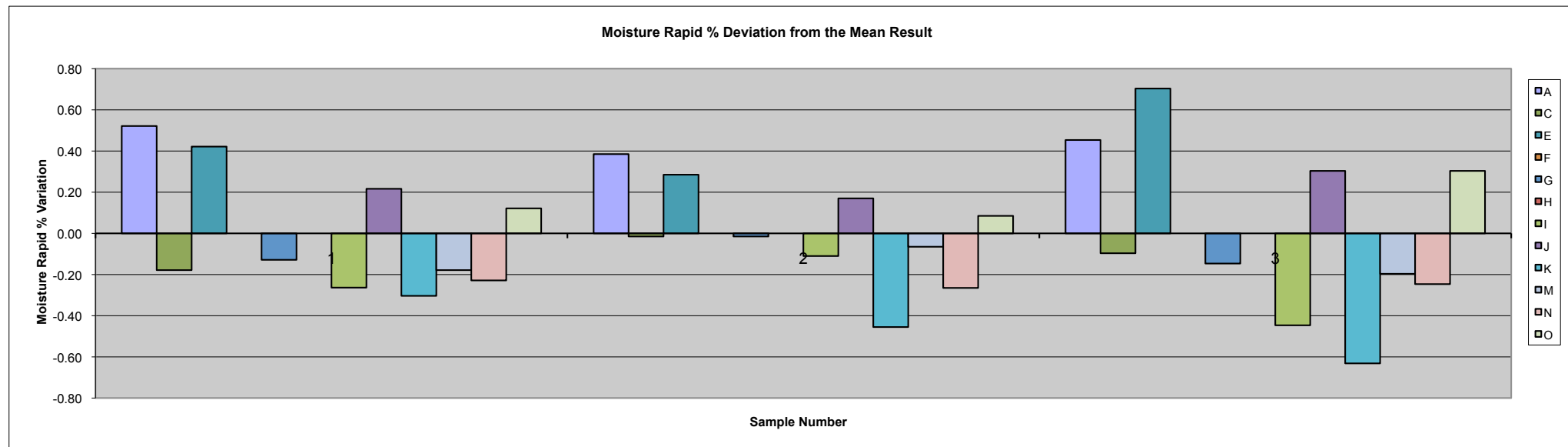
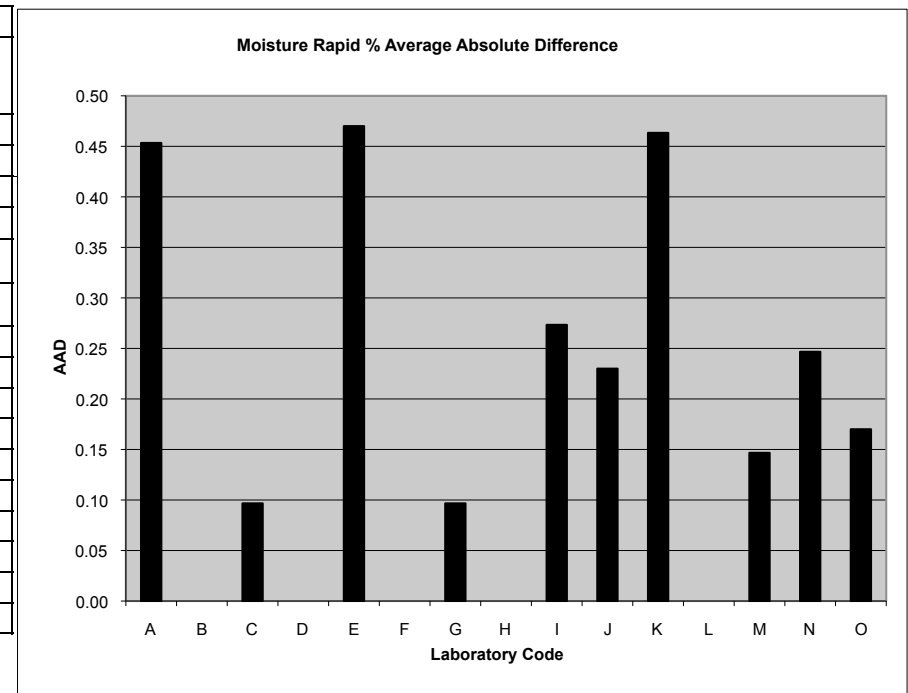
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Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	6.32	-0.16	6.54	0.09	4.55	-0.19	-0.09	0.15
C	6.34	-0.14	6.40	-0.05	4.80	0.06	-0.04	0.08
D								
E	7.17	0.69	6.72	0.27	5.74	0.99	0.65	0.65
F								
G	6.24	-0.24	6.40	-0.05	4.58	-0.17	-0.15	0.15
H								
I	6.34	-0.14	6.34	-0.11	4.61	-0.14	-0.13	0.13
J	6.49	0.01	6.42	-0.03	4.55	-0.19	-0.07	0.08
K	6.29	-0.19	6.32	-0.13	4.45	-0.29	-0.20	0.20
L								
M	6.60	0.12	6.60	0.15	4.70	-0.04	0.08	0.10
N	6.55	0.07	6.30	-0.15	4.70	-0.04	-0.04	0.09
O								
MEAN	6.48		6.45		4.74			0.18
STDEV	0.29		0.14		0.39			



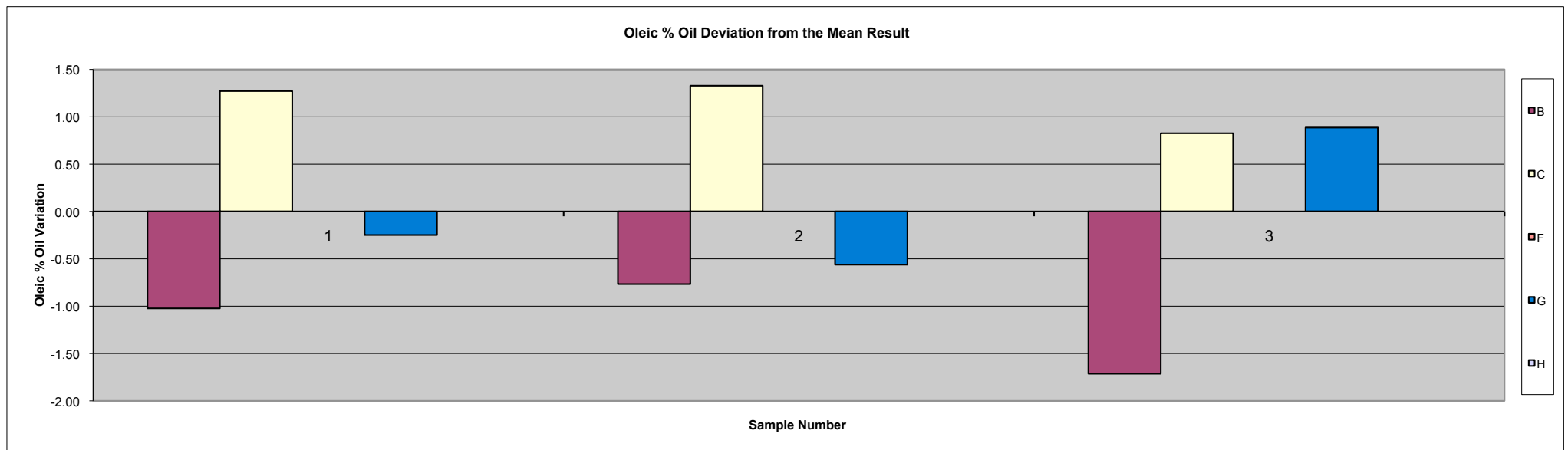
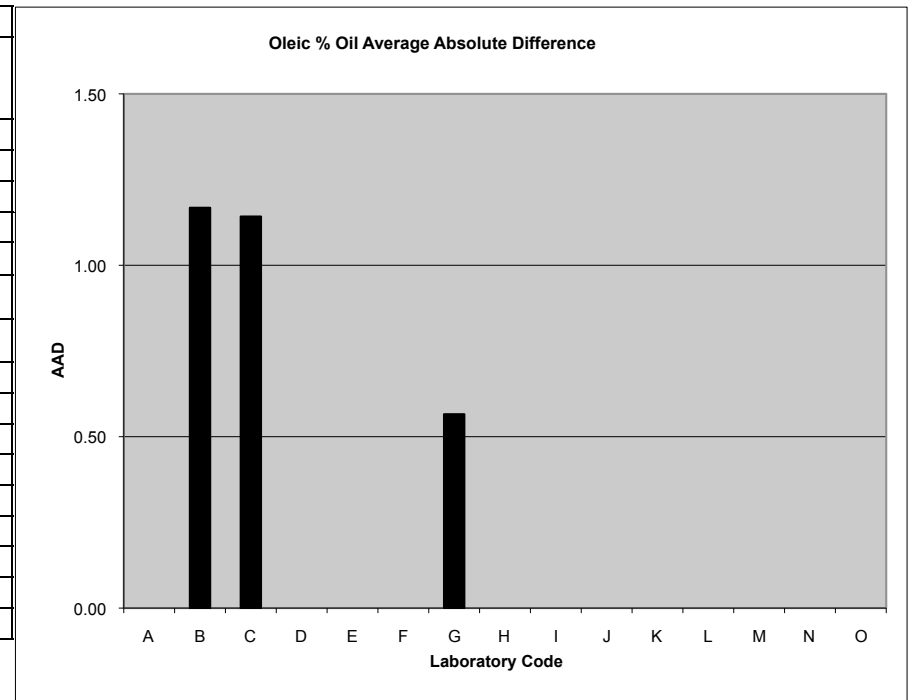
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Moisture Rapid % Deviation from the Mean								
	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
Lab	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	7.35	0.52	6.85	0.38	5.60	0.45	0.45	0.45
B								
C	6.65	-0.18	6.45	-0.02	5.05	-0.10	-0.10	0.10
D								
E	7.25	0.42	6.75	0.28	5.85	0.70	0.47	0.47
F								
G	6.70	-0.13	6.45	-0.02	5.00	-0.15	-0.10	0.10
H								
I	6.57	-0.26	6.36	-0.11	4.70	-0.45	-0.27	0.27
J	7.05	0.22	6.64	0.17	5.45	0.30	0.23	0.23
K	6.53	-0.30	6.01	-0.46	4.52	-0.63	-0.46	0.46
L								
M	6.65	-0.18	6.40	-0.07	4.95	-0.20	-0.15	0.15
N	6.60	-0.23	6.20	-0.27	4.90	-0.25	-0.25	0.25
O	6.95	0.12	6.55	0.08	5.45	0.30	0.17	0.17
MEAN	6.83		6.47		5.15			0.28
STDEV	0.30		0.25		0.42			



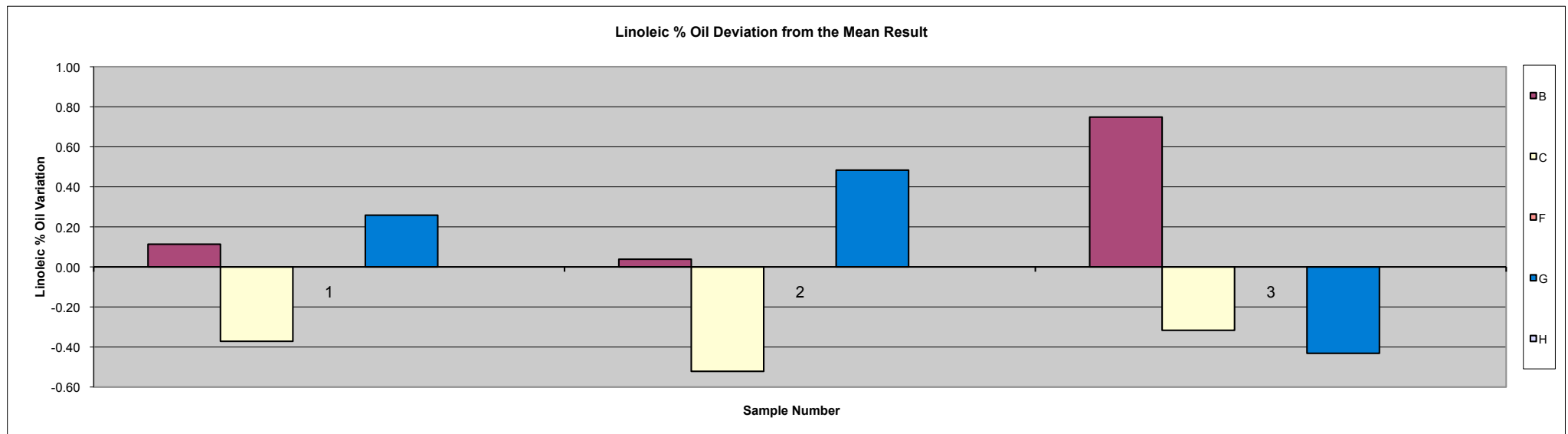
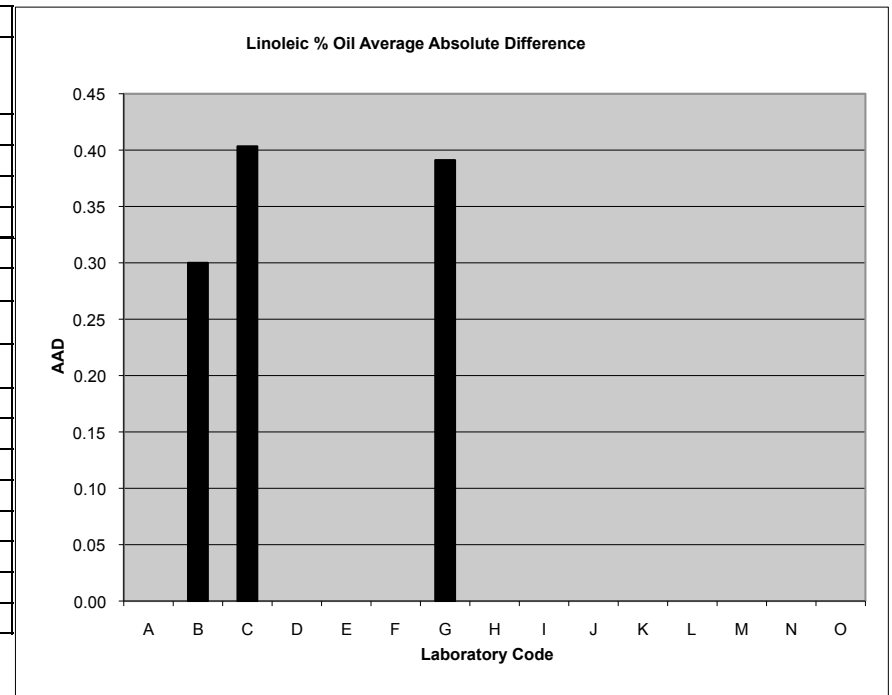
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Oleic % Oil Deviation from the Mean								
	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
Lab	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	61.81	-1.02	65.89	-0.77	68.17	-1.71	-1.17	1.17
C	64.10	1.27	67.99	1.33	70.71	0.83	1.14	1.14
D								
E								
F								
G	62.58	-0.25	66.10	-0.56	70.77	0.89	0.03	0.57
H								
I								
J								
K								
L								
M								
N								
O								
MEAN	62.83		66.66		69.88			0.96
STDEV	1.17		1.15		1.48			



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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	19.15	0.11	15.85	0.04	13.72	0.75	0.30	0.30
C	18.67	-0.37	15.29	-0.52	12.66	-0.32	-0.40	0.40
D								
E								
F								
G	19.30	0.26	16.30	0.48	12.54	-0.43	0.10	0.39
H								
I								
J								
K								
L								
M								
N								
O								
MEAN	19.04		15.81		12.97			0.36
STDEV	0.33		0.50		0.65			



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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	0.66	-0.05	0.27	-0.16	0.11	-0.09	-0.10	0.10
C	0.28	-0.43	0.31	-0.12	0.25	0.04	-0.17	0.20
D								
E	0.78	0.07	0.53	0.11	0.31	0.11	0.10	0.10
F								
G	1.12	0.42	0.72	0.29	0.22	0.02	0.24	0.24
H								
I								
J								
K	0.68	-0.02	0.31	-0.12	0.12	-0.08	-0.07	0.07
L								
M								
N								
O								
MEAN	0.70		0.43		0.20			0.14
STDEV	0.30		0.19		0.09			

