



**2012 AOF Test Check Program
Monthly Report
Round 2
February 2012
01/02/2012 – 01/03/2012**

Result Reveal Dates

Lab Code	Date
A	13/02/2012
B	29/02/2012
C	28/03/2012
D	02/04/2012
E	27/02/2012
F	27/02/2012
G	01/03/2012
H	29/02/2012
I	09/02/2012
J	10/02/2012
K	27/02/2012
L	27/02/2012
M	06/03/2012
N	12/02/2012
O	-

Discussion of Results

Test Weight

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab E with a 1.46 percent discrepancy from the upper (68.34%) quartile limit.

Sample 3 – Two outliers were identified for Lab F with a 0.49 and Lab H with a 0.29 of a percent discrepancy from the upper (67.01%) quartile limit.

Impurities

Sample 1 – One outlier was identified for Lab N with a 0.11 percent discrepancy from the upper (2.43%) quartile limit.

Sample 2 – No outliers were observed.

Sample 3 – No outliers were observed.



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Oil Rapid

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab D with a 1.03 percent discrepancy from the upper (47.19%) quartile limit.

Sample 3 – Two outliers were identified - Lab D with a 1.13 percent discrepancy from the upper (41.24%) quartile limit, and lab H with a 0.29 percent discrepancy from the lower (43.30%) quartile limit.

Oil Solvent (ISO 659)

Sample 1 – One outlier was identified for Lab G with a 6.11 of a percent discrepancy from the lower (37.28%) quartile limit.

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for Lab G with a 1.25 of a percent discrepancy from the lower (40.25%) quartile limit.

Oil Solvent Reference (AOCS Method Am 2-93)

Sample 1 – One outlier was identified for Lab G with a 0.29 of a percent discrepancy from the lower (34.41%) quartile limit.

Sample 2 – Two outliers were identified for Lab B with a 0.41 of a percent discrepancy from the upper (46.78%) quartile limit, and lab K with a 0.59 of a percent discrepancy from the lower (46.10%) quartile limit.

Sample 3 – No outliers were observed.



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Moisture Oven

Sample 1 – One outlier was identified for Lab D with a 0.31 of a percent discrepancy from the upper (4.59%) quartile limit.

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for Lab D with a 0.12 of a percent discrepancy from the lower (4.62%) quartile limit.

Moisture Rapid

Sample 1 – No outliers were observed.

Sample 2 – Two outliers were identified for Lab A with a 0.50 of a percent discrepancy from the lower (5.95%) quartile limit, and lab H with a 0.03 of a percent discrepancy from the upper (6.87%) quartile limit.

Sample 3 – No outliers were observed.

Oleic Oil

No outliers were observed.

Linoleic Oil

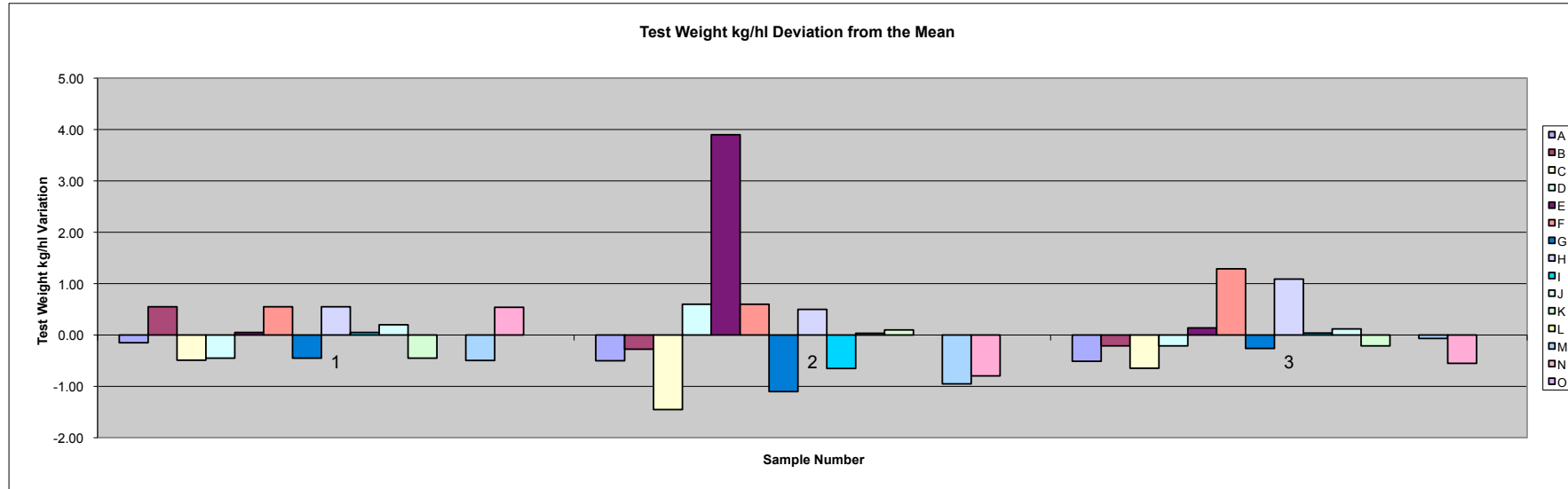
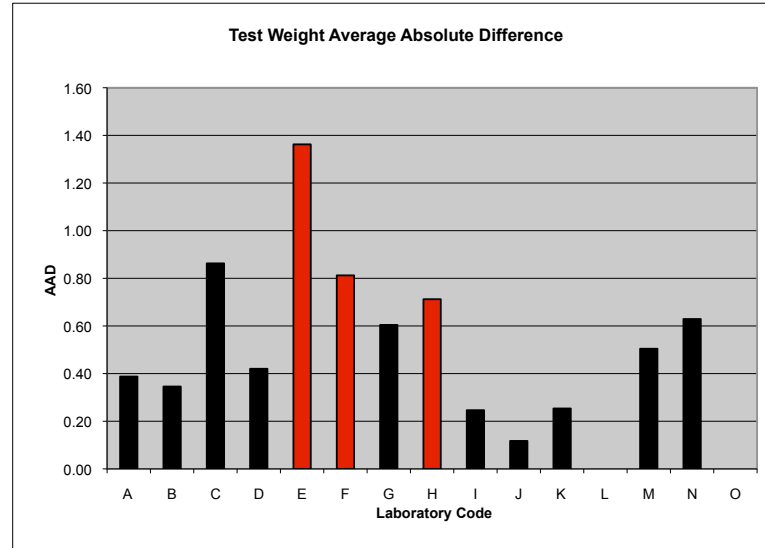
No outliers were observed.

Free Fatty Acid

No outliers were observed.

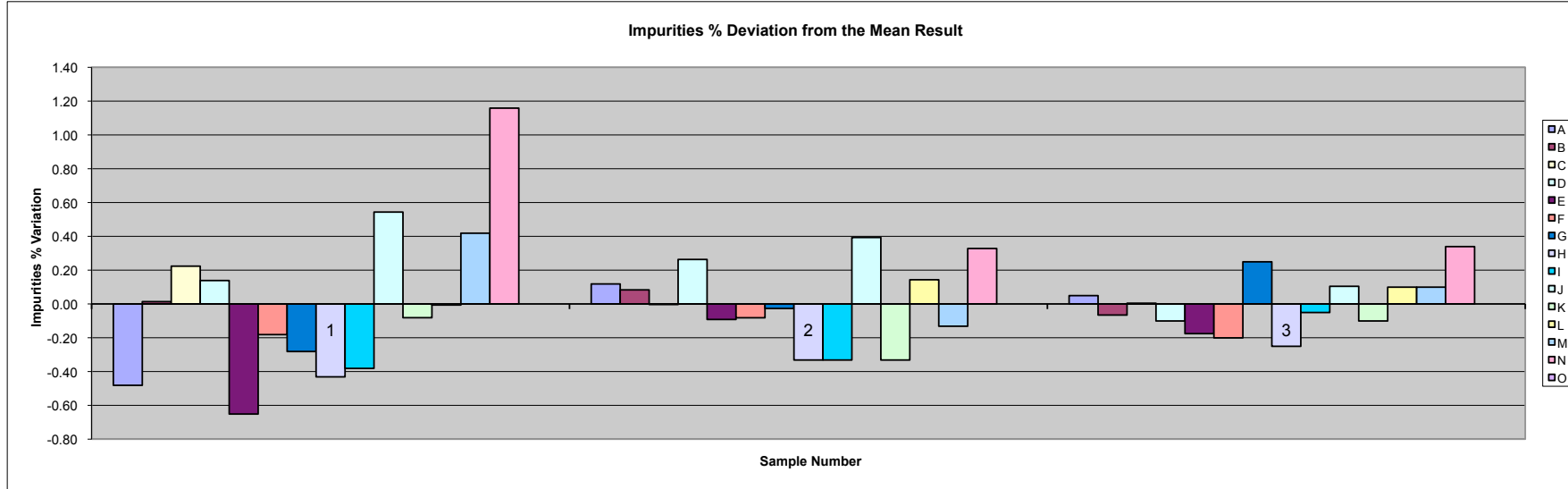
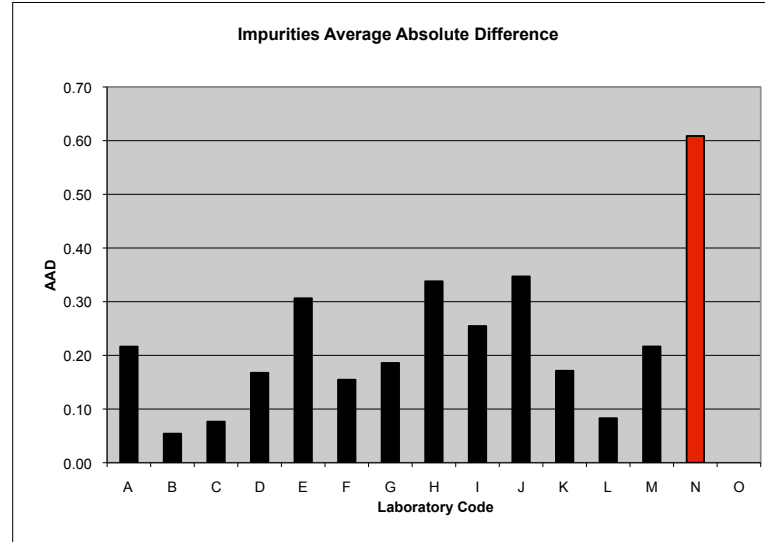
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Test Weight kg/hl								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	67.80	-0.15	65.40	-0.50	65.70	-0.51	-0.39	0.39
B	68.50	0.55	65.63	-0.28	66.00	-0.21	0.02	0.35
C	67.46	-0.49	64.45	-1.45	65.57	-0.65	-0.86	0.86
D	67.50	-0.45	66.50	0.60	66.00	-0.21	-0.02	0.42
E	68.00	0.05	69.80	3.90	66.35	0.14	1.36	1.36
F	68.50	0.55	66.50	0.60	67.50	1.29	0.81	0.81
G	67.50	-0.45	64.80	-1.10	65.95	-0.26	-0.60	0.60
H	68.50	0.55	66.40	0.50	67.30	1.09	0.71	0.71
I	68.00	0.05	65.25	-0.65	66.25	0.04	-0.19	0.25
J	68.15	0.20	65.94	0.03	66.33	0.12	0.12	0.12
K	67.50	-0.45	66.00	0.10	66.00	-0.21	-0.19	0.25
L								
M	67.46	-0.50	64.95	-0.95	66.15	-0.07	-0.50	0.50
N	68.49	0.54	65.11	-0.80	65.66	-0.55	-0.27	0.63
O								
MEAN	67.95		65.90		66.21			0.56
STDEV	0.44		1.35		0.58			



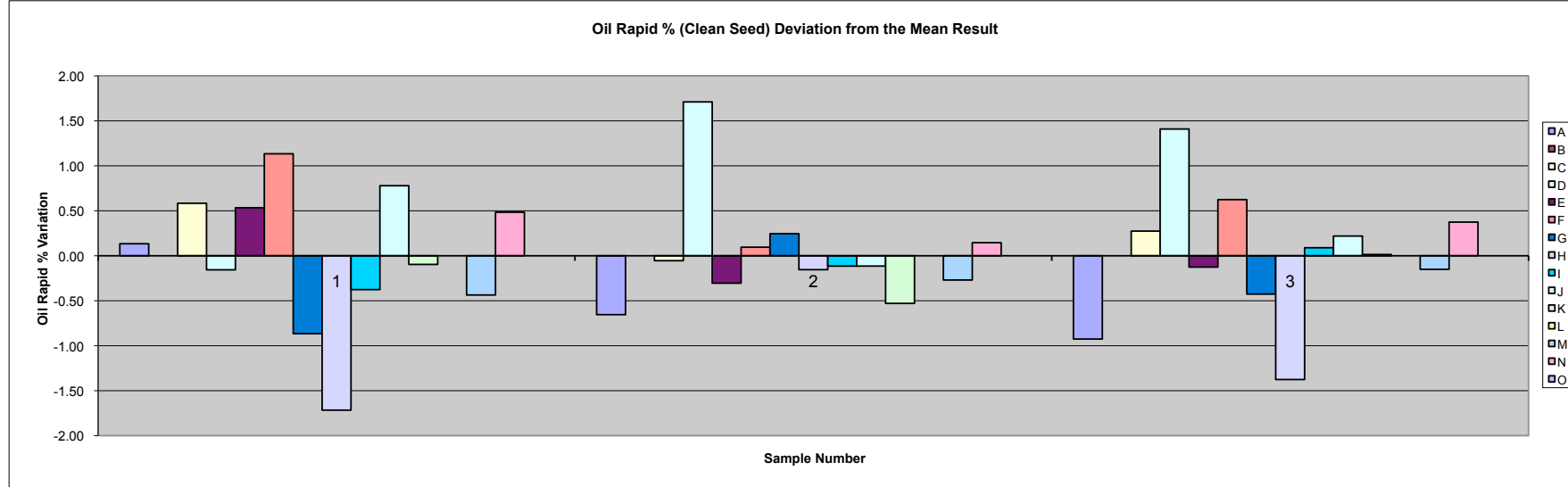
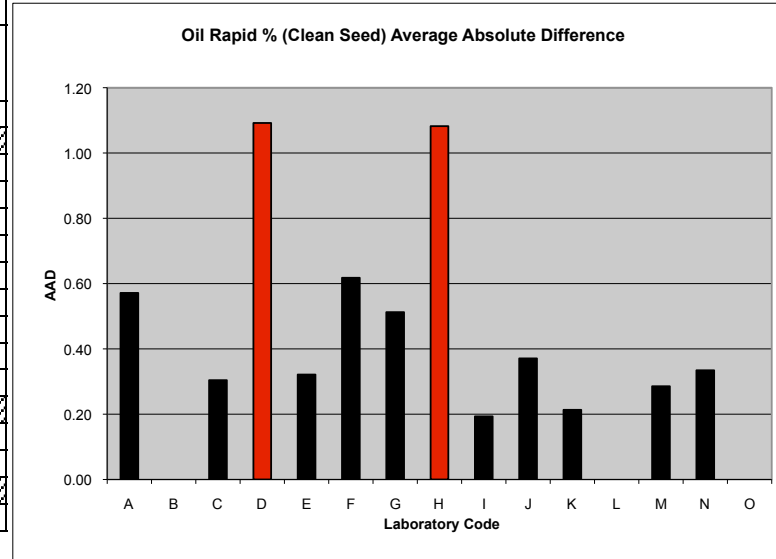
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Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.90	-0.48	1.15	0.12	0.75	0.05	-0.10	0.22
B	1.40	0.01	1.12	0.08	0.64	-0.07	0.01	0.05
C	1.61	0.22	1.03	0.00	0.71	0.00	0.08	0.08
D	1.52	0.14	1.30	0.26	0.60	-0.10	0.10	0.17
E	0.73	-0.65	0.94	-0.09	0.53	-0.18	-0.31	0.31
F	1.20	-0.18	0.95	-0.08	0.50	-0.20	-0.15	0.15
G	1.10	-0.28	1.01	-0.03	0.95	0.25	-0.02	0.19
H	0.95	-0.43	0.70	-0.33	0.45	-0.25	-0.34	0.34
I	1.00	-0.38	0.70	-0.33	0.65	-0.05	-0.25	0.25
J	1.93	0.54	1.43	0.39	0.81	0.10	0.35	0.35
K	1.30	-0.08	0.70	-0.33	0.60	-0.10	-0.17	0.17
L	1.38	-0.01	1.18	0.14	0.80	0.10	0.08	0.08
M	1.80	0.42	0.90	-0.13	0.80	0.10	0.13	0.22
N	2.54	1.16	1.36	0.33	1.04	0.34	0.61	0.61
O								
MEAN	1.38		1.03		0.70			0.23
STDEV	0.48		0.24		0.17			



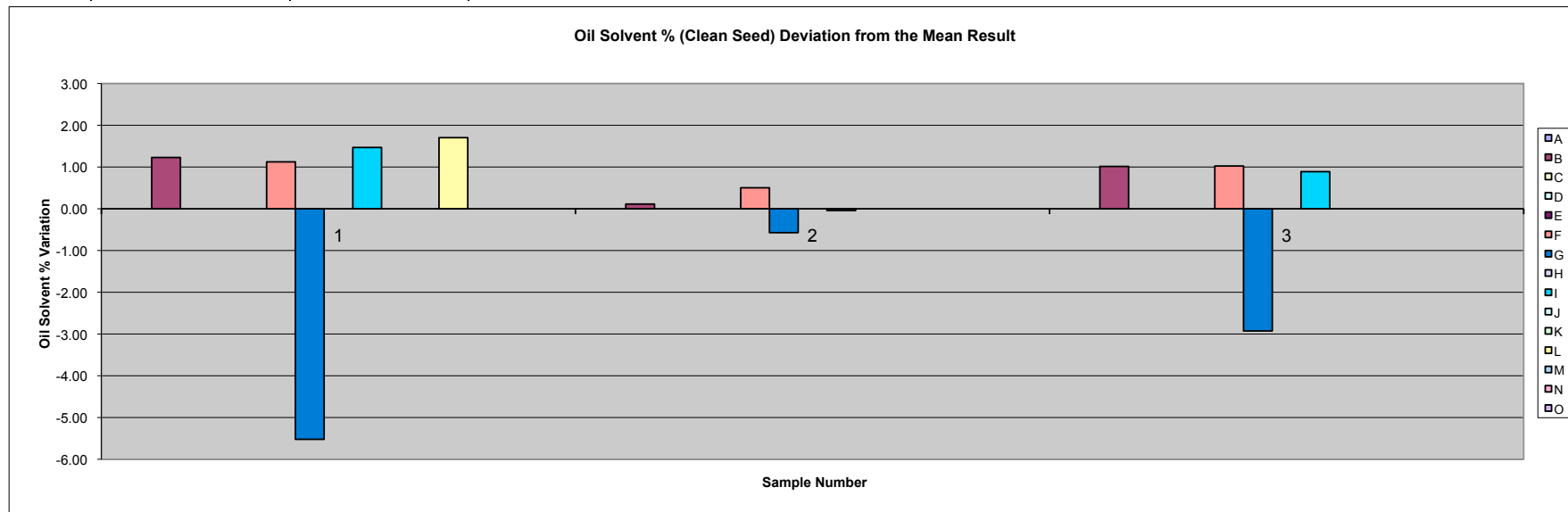
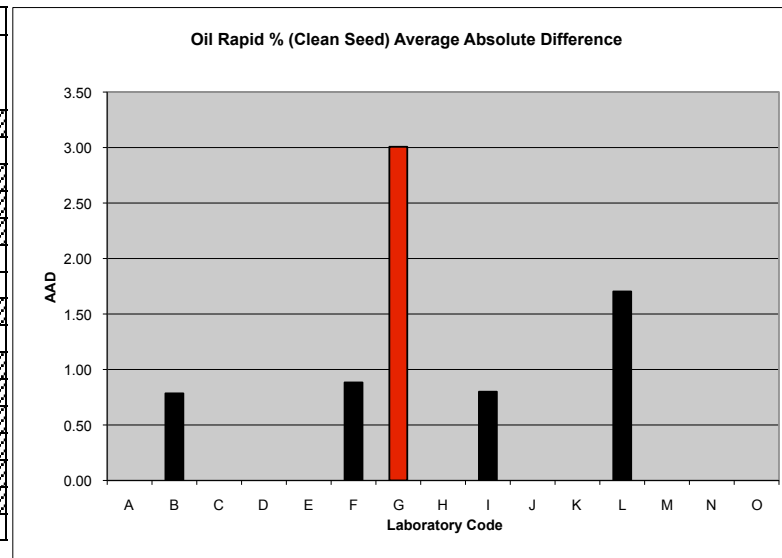
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Oil Rapid % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	38.80	0.13	45.85	-0.65	41.30	-0.93	-0.48	0.57
B								
C	39.25	0.58	46.45	-0.05	42.50	0.27	0.27	0.30
D	38.51	-0.16	48.22	1.71	43.64	1.41	0.99	1.09
E	39.20	0.53	46.20	-0.30	42.10	-0.13	0.03	0.32
F	39.80	1.13	46.60	0.10	42.85	0.62	0.62	0.62
G	37.80	-0.87	46.75	0.25	41.80	-0.43	-0.35	0.51
H	36.95	-1.72	46.35	-0.15	40.85	-1.38	-1.08	1.08
I	38.29	-0.38	46.39	-0.11	42.32	0.09	-0.13	0.19
J	39.45	0.78	46.39	-0.11	42.45	0.22	0.29	0.37
K	38.57	-0.10	45.98	-0.53	42.24	0.01	-0.20	0.21
L								
M	38.23	-0.44	46.24	-0.27	42.08	-0.15	-0.29	0.29
N	39.15	0.48	46.65	0.15	42.60	0.37	0.33	0.33
O								
MEAN	38.67		46.50		42.23			0.49
STDEV	0.79		0.60		0.71			



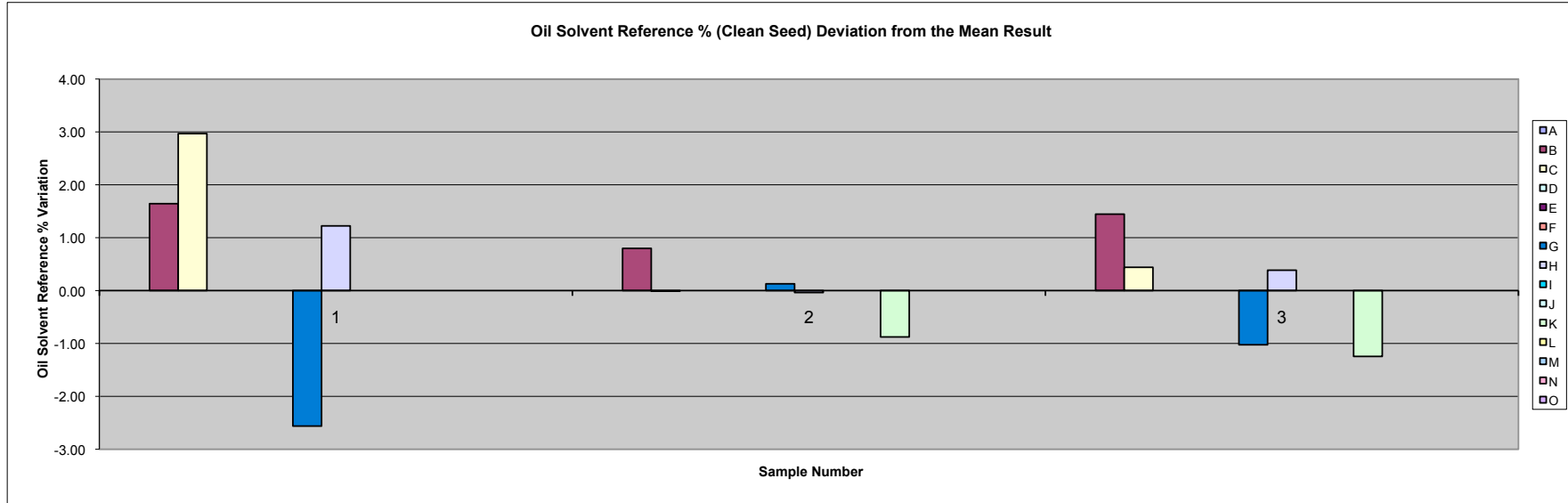
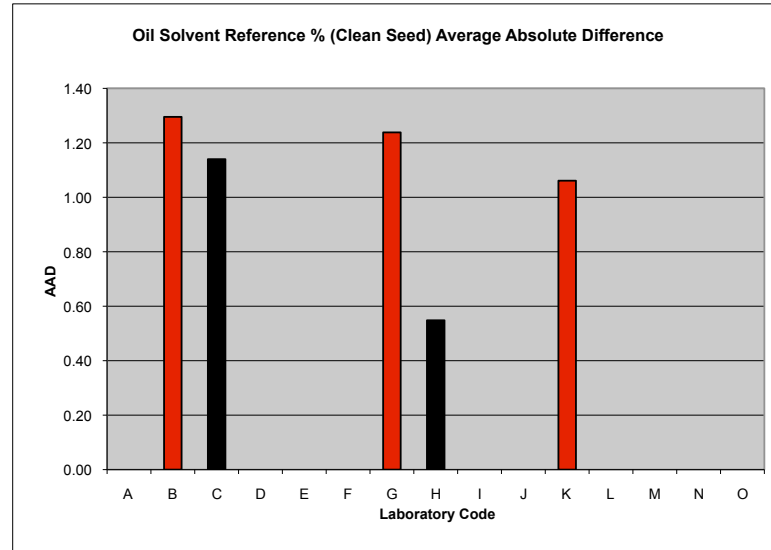
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Oil Solvent % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	37.91	1.23	47.01	0.11	42.94	1.01	0.78	0.78
C								
D								
E								
F	37.80	1.12	47.40	0.50	42.95	1.02	0.88	0.88
G	31.16	-5.52	46.33	-0.57	39.00	-2.93	-3.01	3.01
H								
I	38.15	1.47	46.86	-0.04	42.82	0.89	0.77	0.80
J								
K								
L	38.38	1.70					1.70	1.70
M								
N								
O								
MEAN	36.68		46.90		41.93			1.44
STDEV	3.10		0.45		1.95			



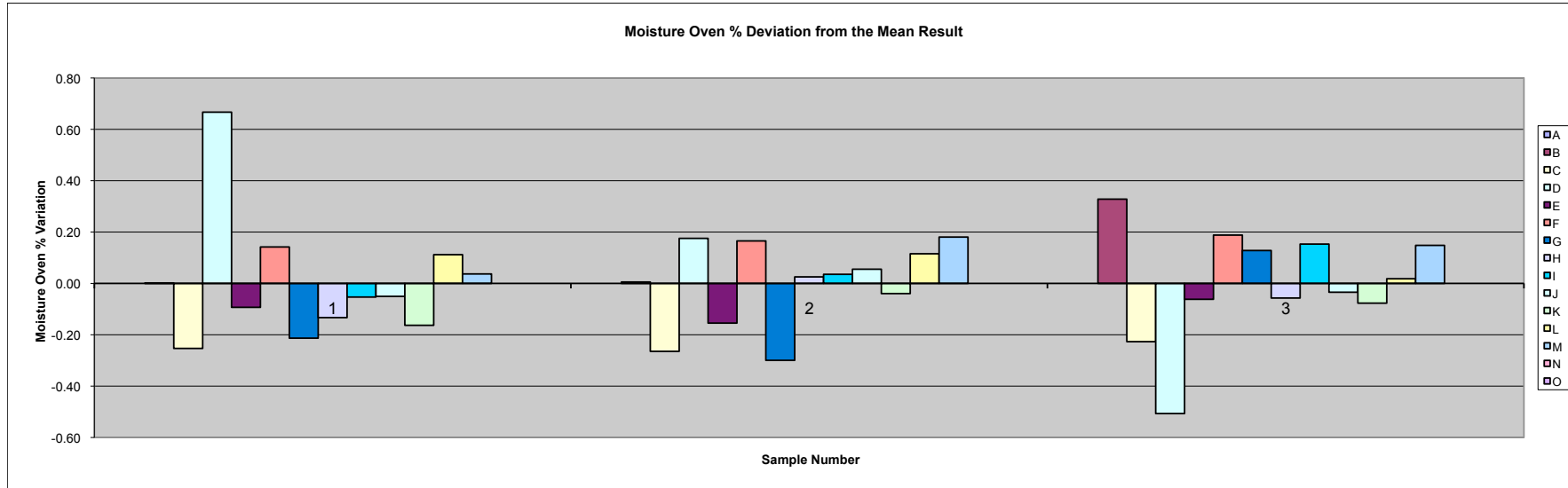
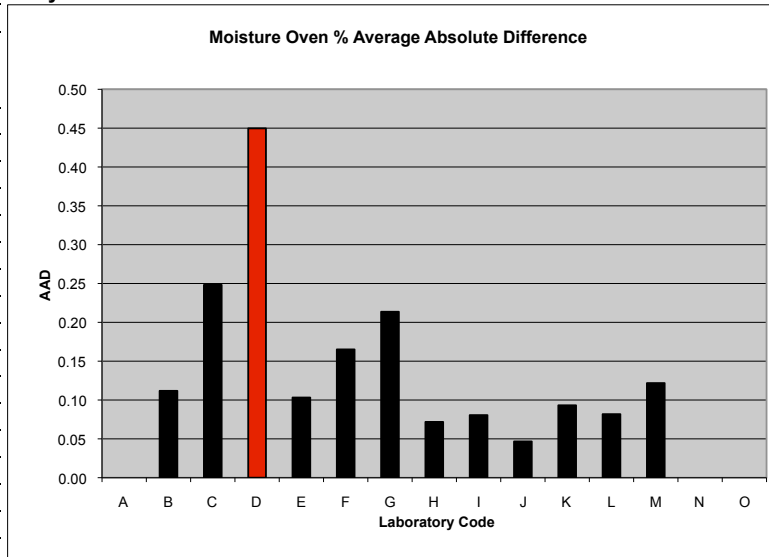
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Oil Solvent Reference % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	38.32	1.64	47.19	0.80	43.26	1.45	1.30	1.30
C	39.65	2.97	46.38	-0.01	42.26	0.44	1.13	1.14
D								
E								
F								
G	34.12	-2.56	46.52	0.13	40.79	-1.03	-1.15	1.24
H	37.90	1.22	46.35	-0.04	42.20	0.39	0.52	0.55
I								
J								
K			45.51	-0.88	40.57	-1.25	-1.06	1.06
L								
M								
N								
O								
MEAN	37.50		46.39		41.82			1.06
STDEV	2.37		0.60		1.12			



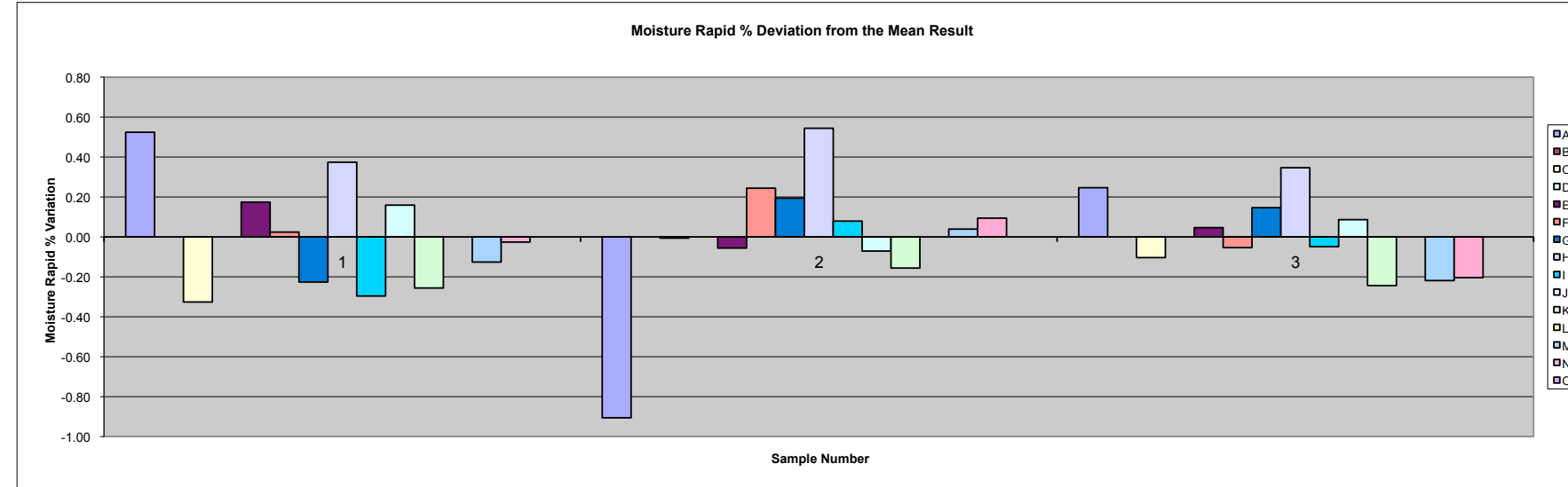
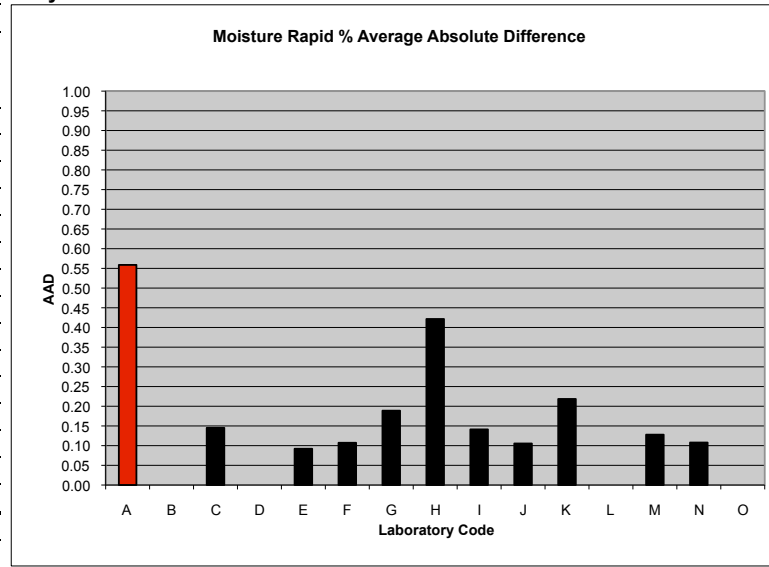
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Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	4.24	0.00	6.53	0.01	5.34	0.33	0.11	0.11
C	3.98	-0.25	6.26	-0.26	4.78	-0.23	-0.25	0.25
D	4.90	0.67	6.70	0.18	4.50	-0.51	0.11	0.45
E	4.14	-0.09	6.37	-0.15	4.95	-0.06	-0.10	0.10
F	4.38	0.14	6.69	0.17	5.20	0.19	0.17	0.17
G	4.02	-0.21	6.23	-0.30	5.14	0.13	-0.13	0.21
H	4.10	-0.13	6.55	0.03	4.95	-0.06	-0.05	0.07
I	4.18	-0.05	6.56	0.04	5.16	0.15	0.05	0.08
J	4.18	-0.05	6.58	0.06	4.97	-0.03	-0.01	0.05
K	4.07	-0.16	6.49	-0.04	4.93	-0.08	-0.09	0.09
L	4.35	0.11	6.64	0.12	5.03	0.02	0.08	0.08
M	4.27	0.04	6.71	0.18	5.16	0.15	0.12	0.12
N								
O								
MEAN	4.23		6.52		5.01			0.15
STDEV	0.24		0.16		0.22			



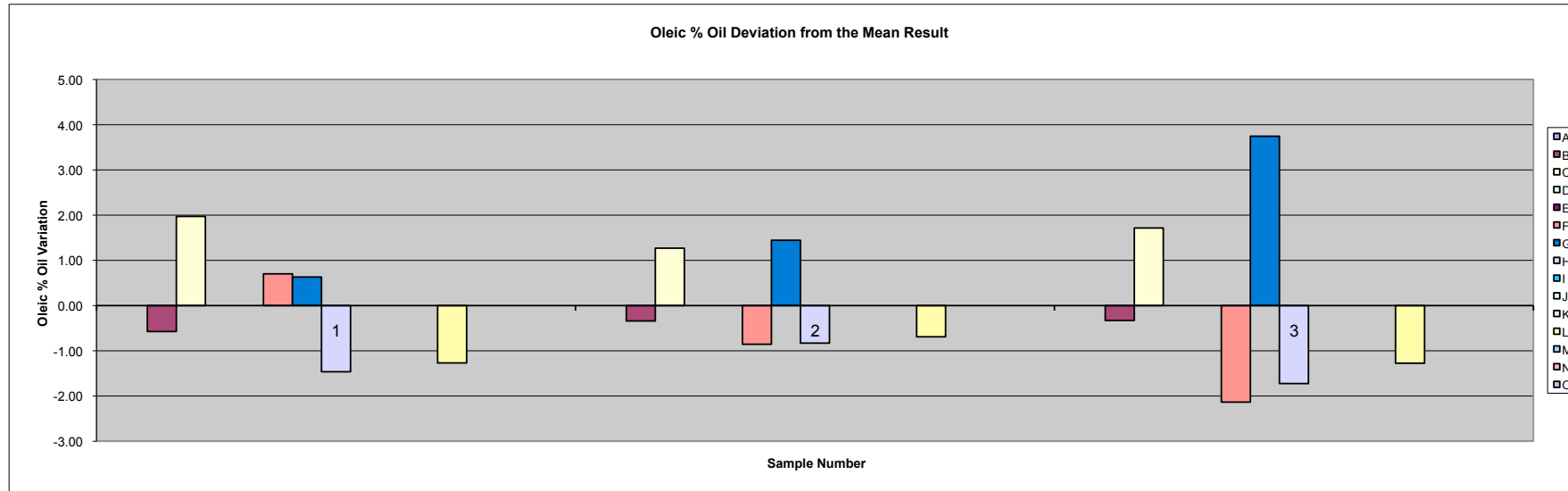
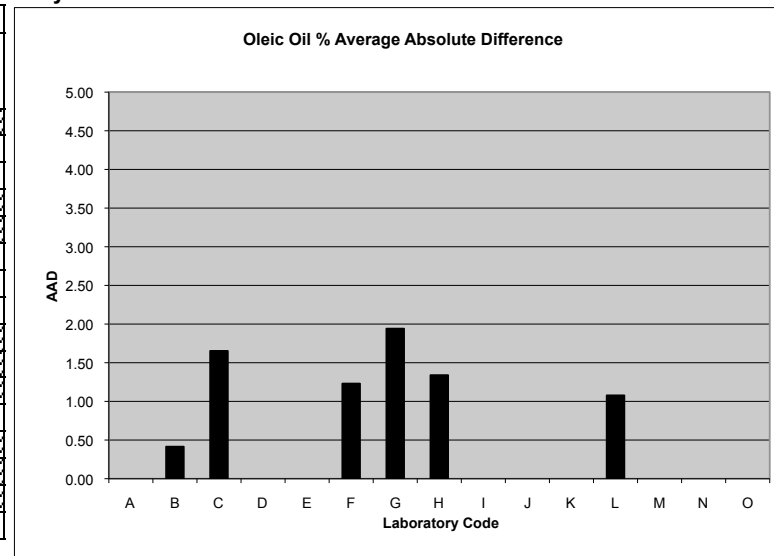
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Moisture Rapid % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	4.60	0.52	5.45	-0.91	5.40	0.25	-0.05	0.56
B								
C	3.75	-0.33	6.35	-0.01	5.05	-0.10	-0.15	0.15
D								
E	4.25	0.17	6.30	-0.06	5.20	0.05	0.05	0.09
F	4.10	0.02	6.60	0.24	5.10	-0.05	0.07	0.11
G	3.85	-0.23	6.55	0.19	5.30	0.15	0.04	0.19
H	4.45	0.37	6.90	0.54	5.50	0.35	0.42	0.42
I	3.78	-0.30	6.44	0.08	5.11	-0.05	-0.09	0.14
J	4.24	0.16	6.29	-0.07	5.24	0.09	0.06	0.11
K	3.82	-0.26	6.20	-0.16	4.91	-0.24	-0.22	0.22
L								
M	3.95	-0.13	6.40	0.04	4.94	-0.22	-0.10	0.13
N	4.05	-0.03	6.45	0.09	4.95	-0.20	-0.05	0.11
O								
MEAN	4.08		6.36		5.15			0.20
STDEV	0.28		0.36		0.19			



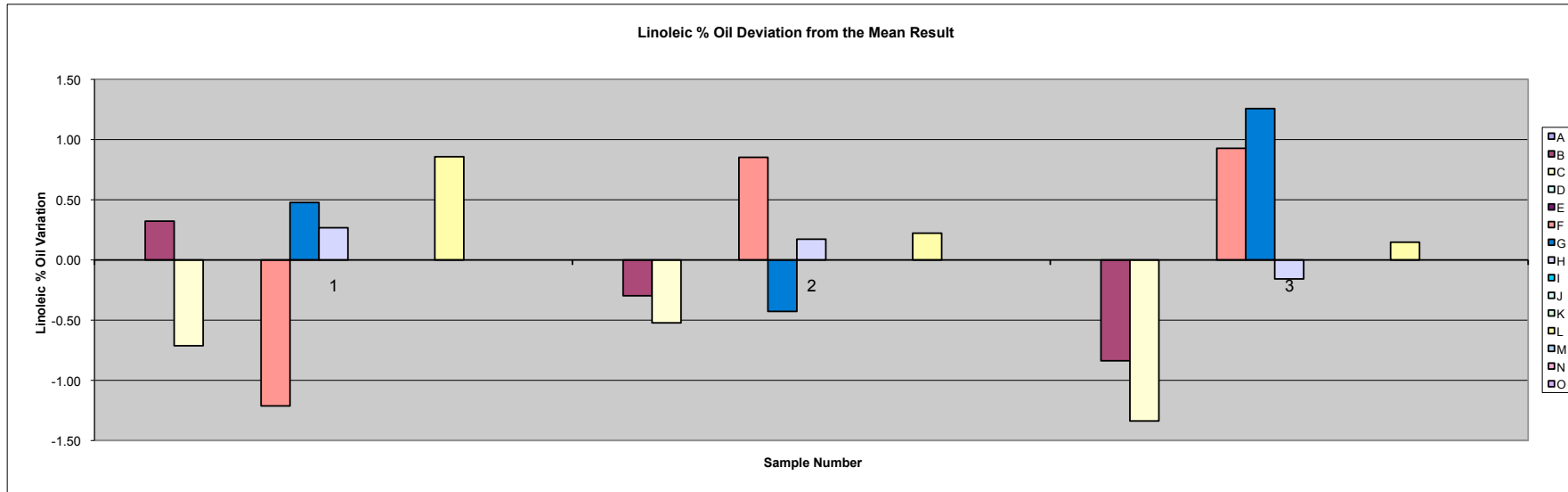
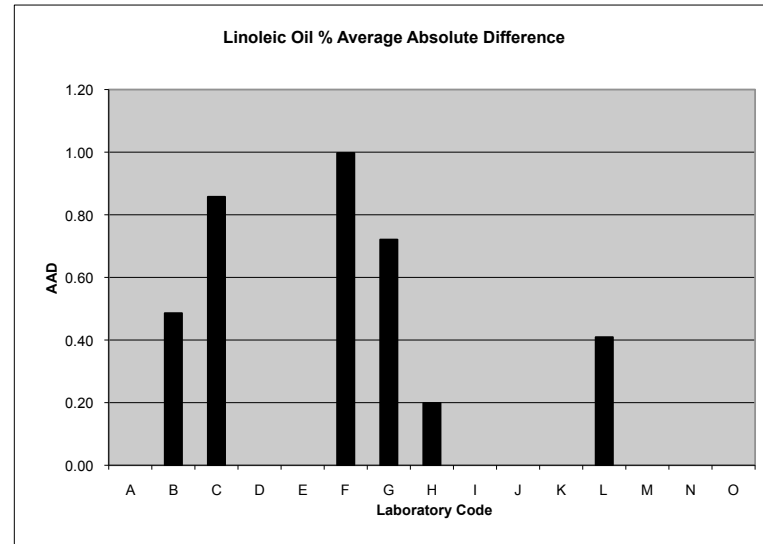
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Oleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B	60.58	-0.57	63.27	-0.34	64.96	-0.33	-0.41	0.41
C	63.12	1.97	64.88	1.27	67.00	1.72	1.65	1.65
D								
E								
F	61.85	0.70	62.75	-0.85	63.15	-2.13	-0.76	1.23
G	61.78	0.63	65.05	1.45	69.03	3.75	1.94	1.94
H	59.69	-1.46	62.78	-0.83	63.56	-1.72	-1.34	1.34
I								
J								
K								
L	59.88	-1.27	62.92	-0.69	64.01	-1.27	-1.08	1.08
M								
N								
O								
MEAN	61.15		63.61		65.28			1.28
STDEV	1.33		1.07		2.29			



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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	20.74	0.32	18.05	-0.30	17.39	-0.84	-0.27	0.49
C	19.70	-0.71	17.83	-0.52	16.89	-1.34	-0.86	0.86
D								
E								
F	19.20	-1.21	19.20	0.85	19.15	0.93	0.19	1.00
G	20.89	0.48	17.92	-0.43	19.48	1.26	0.44	0.72
H	20.68	0.27	18.52	0.17	18.07	-0.16	0.09	0.20
I								
J								
K								
L	21.27	0.86	18.57	0.22	18.37	0.15	0.41	0.41
M								
N								
O								
MEAN	20.41		18.35		18.22			0.61
STDEV	0.79		0.52		1.00			



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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	0.10	-0.12	0.12	-0.14	0.33	-0.13	-0.13	0.13
C	0.22	0.00	0.31	0.05	0.28	-0.18	-0.05	0.08
D								
E	0.32	0.10	0.34	0.08	0.76	0.30	0.16	0.16
F	0.20	-0.02	0.34	0.08	0.45	-0.01	0.02	0.04
G	0.44	0.22	0.40	0.14	0.86	0.40	0.25	0.25
H	0.12	-0.10	0.12	-0.14	0.35	-0.11	-0.12	0.12
I								
J								
K	0.08	-0.14	0.12	-0.14	0.19	-0.27	-0.19	0.19
L	0.27	0.05	0.34	0.08	0.48	0.02	0.05	0.05
M								
N								
O								
MEAN	0.22		0.26		0.46			0.13
STDEV	0.12		0.12		0.23			

