



**2015 AOF Test Check Program
Monthly Report
Round 3
March – 2015**

01/03//2015 – 01/04/2015

Result Receival Dates

Lab Code	Date
A	31/03/2015
B	N/A
C	27/03/2015
D	23/03/2015
E	23/03/2015
F	27/03/2015
G	N/A
H	N/A
I	27/03/2015
J	27/03/2015
K	24/03/2015
L	30/03/2015
M	27/03/2015
N	10/03/2015
O	31/03/2015
Q	N/A
R	31/03/2015
S	27/03/2015

Discussion of Results

Test Weight

No outliers were observed for this test

Impurities

Sample 1 – One outlier was identified for Lab **J** with a 0.03 of a percent discrepancy from the lower quartile limit (0.53%).

Sample 2 – No outliers were observed for this test.

Sample 3 – No outliers were observed for this test.



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Oil Rapid

Sample 1 – No outliers were observed for this test.

Sample 2 – One outlier was identified for Lab **C** with a 1.76 of a percent discrepancy from the upper quartile limit (48.80%).

Sample 3 – No outliers were observed for this test.

Oil Solvent Extraction

Sample 1 – One outlier was identified for Lab **D** with a 3.17 of a percent discrepancy from the lower quartile limit (39.14%).

Sample 2 – No outliers were observed for this test.

Sample 3 – One outlier was identified for Lab **D** with a 0.46 of a percent discrepancy from the lower quartile limit (39.72%).

Moisture Oven

Sample 1 – One outlier was identified for Lab **D** with a 0.17 of a percent discrepancy from the lower quartile limit (6.37%).

Sample 2 – One outlier was identified for Lab **D** with a 0.03 of a percent discrepancy from the lower quartile limit (4.16%).

Sample 3 – One outlier was identified for Lab **D** with a 0.15 of a percent discrepancy from the lower quartile limit (6.03%).

Moisture Rapid

Sample 1 – No outliers were observed for this test.

Sample 2 – Outliers were identified for Lab **E**, **I** and **K**. Lab **E** and **I** were a 0.62 and 0.42 of a percent discrepancy, respectively, from the upper quartile limit (4.68%). Lab **K** was a 0.36 of a percent discrepancy from the lower quartile limit (3.86%).

Sample 3 – No outliers were observed for this test.



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Oleic Oil

Sample 1 – One outlier was identified for Lab **M** with a 2.03 of a percent discrepancy from the lower quartile limit (58.51%).

Sample 2 – One outlier was identified for Lab **M** with a 3.17 of a percent discrepancy from the lower quartile limit (56.81%).

Sample 3 – One outlier was identified for Lab **M** with a 3.79 of a percent discrepancy from the lower quartile limit (57.14%).

Linoleic Oil

Sample 1 – Outliers were identified for Lab **A** and **M**. Lab **A** was a 0.11 of a percent discrepancy from the upper quartile limit (20.98%). Lab **M** was a 2.93 of a percent discrepancy from the lower quartile limit (20.11%).

Sample 2 – One outlier was identified for Lab **M** with a 3.17 of a percent discrepancy from the lower quartile limit (20.78%).

Sample 3 – One outlier was identified for Lab **M** with a 3.79 of a percent discrepancy from the lower quartile limit (19.92%).

Free Fatty Acid

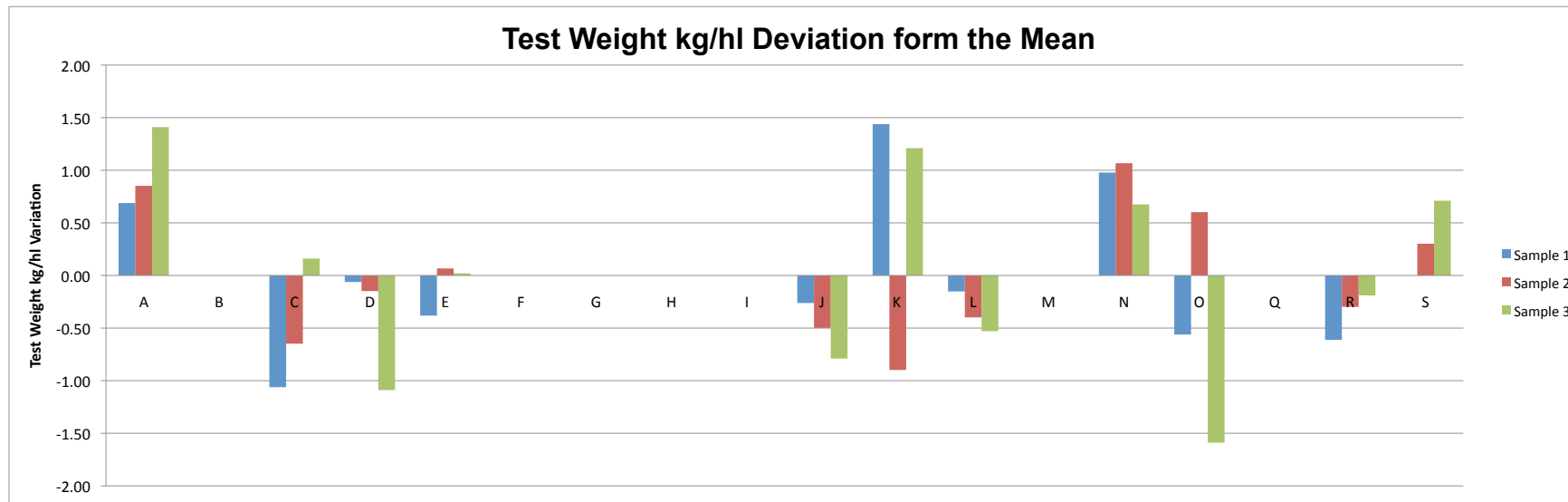
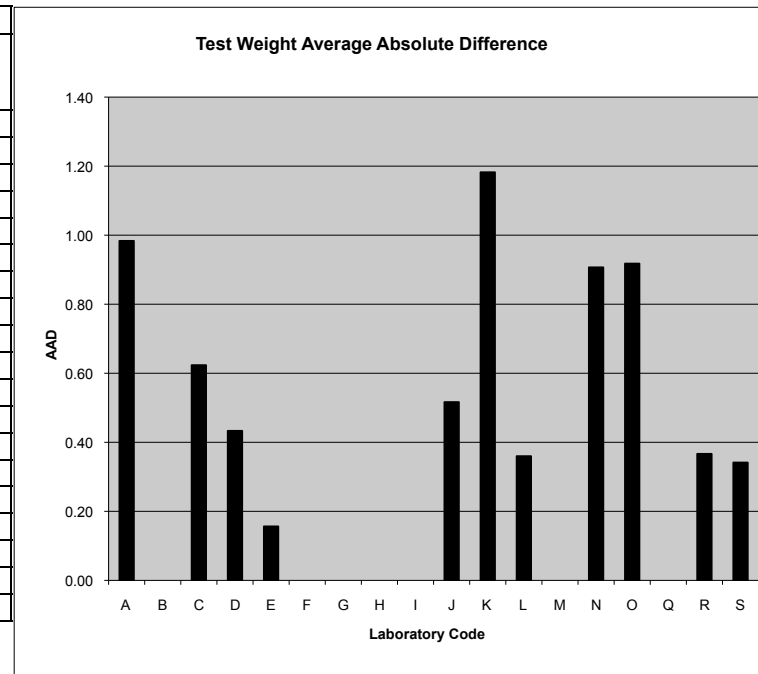
Sample 1 – One outlier was identified for Lab **J** with a 0.69 of a percent discrepancy from the upper quartile limit (0.73%).

Sample 2 – One outlier was identified for Lab **J** with a 0.02 of a percent discrepancy from the upper quartile limit (0.45%).

Sample 3 – One outlier was identified for Lab **J** with a 0.50 of a percent discrepancy from the upper quartile limit (0.88%).

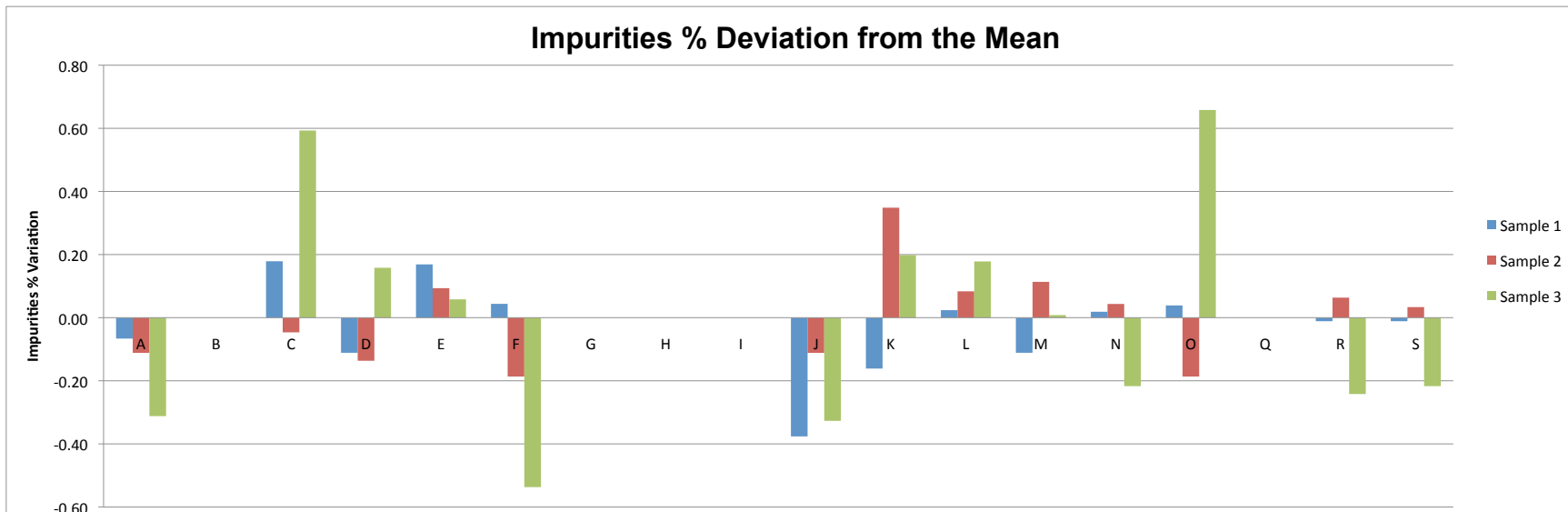
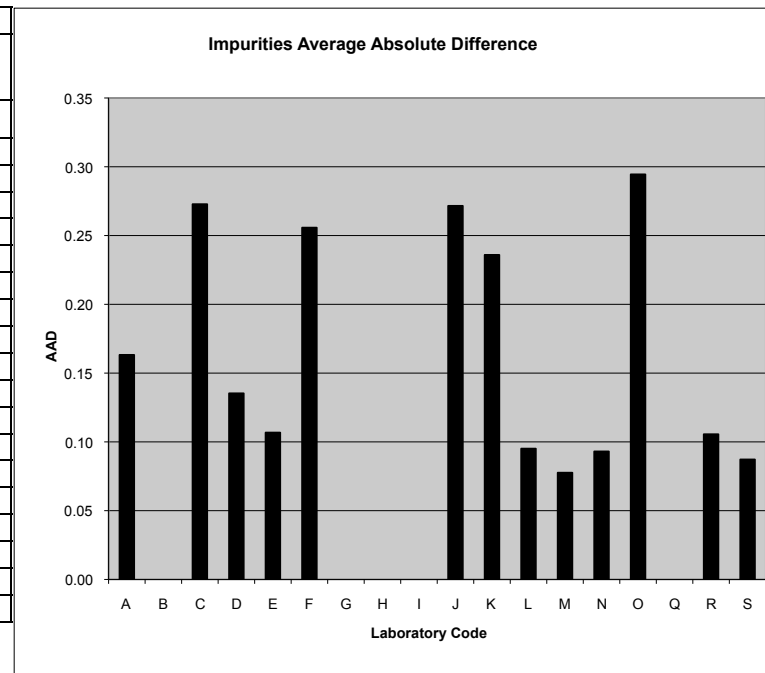
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Test Weight kg/hl								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	67.25	0.69	67.25	0.85	68.00	1.41	0.98	0.98
B								
C	65.50	-1.06	65.75	-0.65	66.75	0.16	-0.52	0.62
D	66.50	-0.06	66.25	-0.15	65.50	-1.09	-0.43	0.43
E	66.18	-0.38	66.47	0.07	66.61	0.02	-0.10	0.16
F								
G								
H								
I								
J	66.30	-0.26	65.90	-0.50	65.80	-0.79	-0.52	0.52
K	68.00	1.44	65.50	-0.90	67.80	1.21	0.58	1.18
L	66.41	-0.15	66.00	-0.40	66.06	-0.53	-0.36	0.36
M								
N	67.54	0.98	67.47	1.07	67.27	0.68	0.91	0.91
O	66.00	-0.56	67.00	0.60	65.00	-1.59	-0.52	0.92
Q								
R	65.95	-0.61	66.10	-0.30	66.40	-0.19	-0.37	0.37
S	66.56	0.00	66.70	0.30	67.30	0.71	0.33	0.34
MEAN	66.56		66.40		66.59			0.62
STDEV	0.75		0.64		0.95			



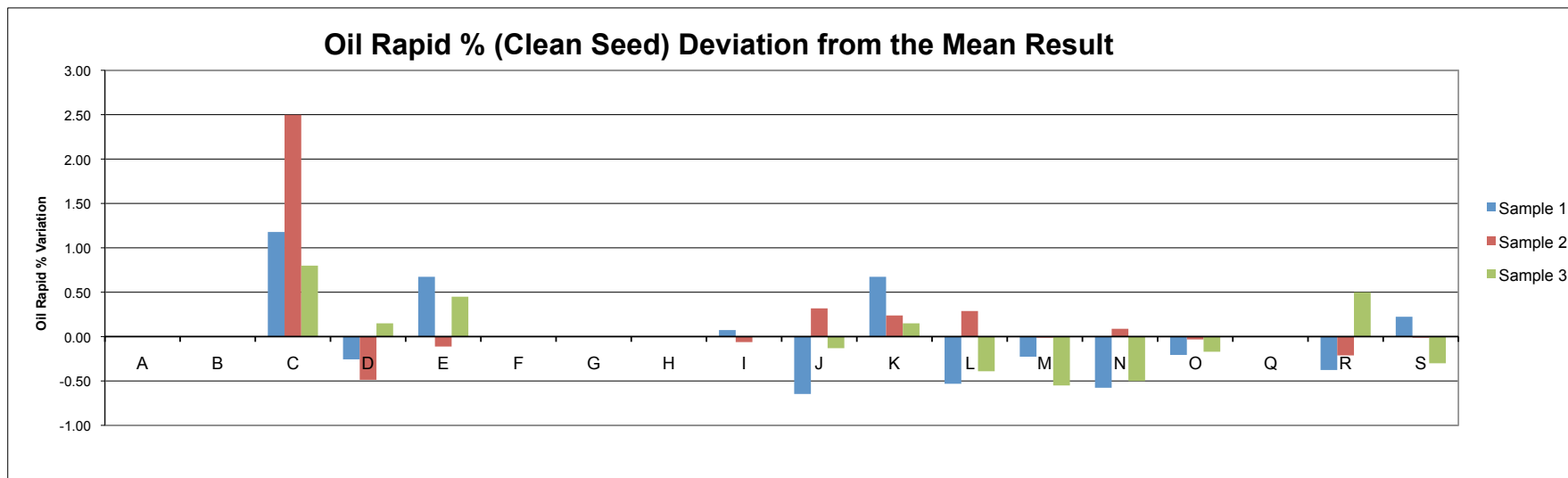
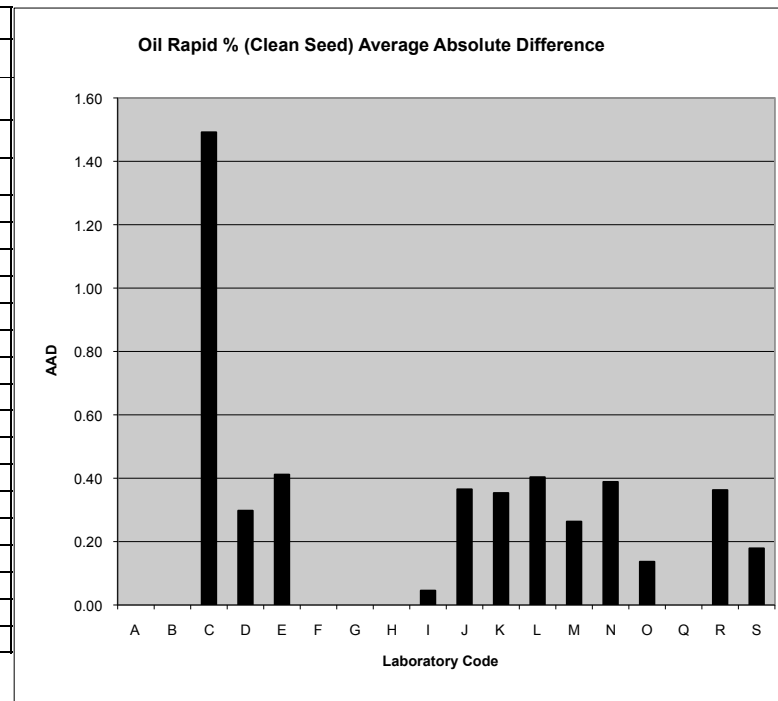
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Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.80	-0.07	0.58	-0.11	1.13	-0.31	-0.16	0.16
B								
C	1.04	0.18	0.64	-0.05	2.04	0.59	0.24	0.27
D	0.75	-0.11	0.55	-0.14	1.60	0.16	-0.03	0.14
E	1.03	0.17	0.78	0.09	1.50	0.06	0.11	0.11
F	0.91	0.04	0.50	-0.19	0.91	-0.54	-0.23	0.26
G								
H								
I								
J	0.49	-0.38	0.58	-0.11	1.12	-0.33	-0.27	0.27
K	0.70	-0.16	1.04	0.35	1.64	0.20	0.13	0.24
L	0.89	0.02	0.77	0.08	1.62	0.18	0.10	0.10
M	0.75	-0.11	0.80	0.11	1.45	0.01	0.00	0.08
N	0.88	0.02	0.73	0.04	1.23	-0.22	-0.05	0.09
O	0.90	0.04	0.50	-0.19	2.10	0.66	0.17	0.29
Q								
R	0.85	-0.01	0.75	0.06	1.20	-0.24	-0.06	0.11
S	0.85	-0.01	0.72	0.03	1.23	-0.22	-0.06	0.09
MEAN	0.86		0.69		1.44			0.17
STDEV	0.10		0.15		0.36			



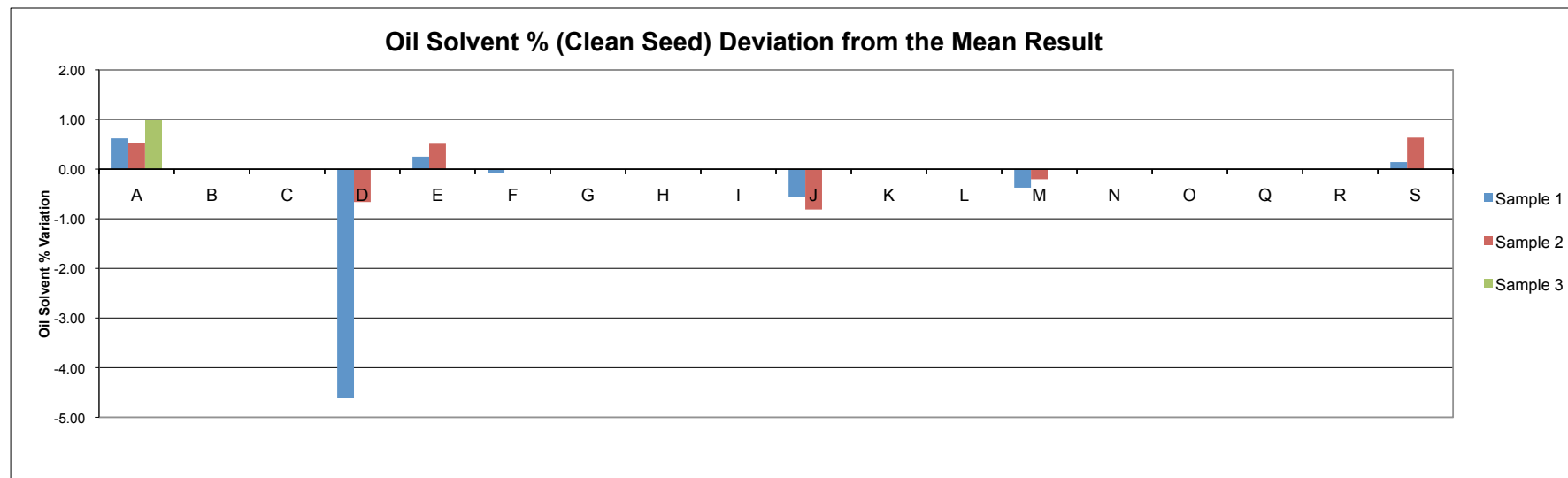
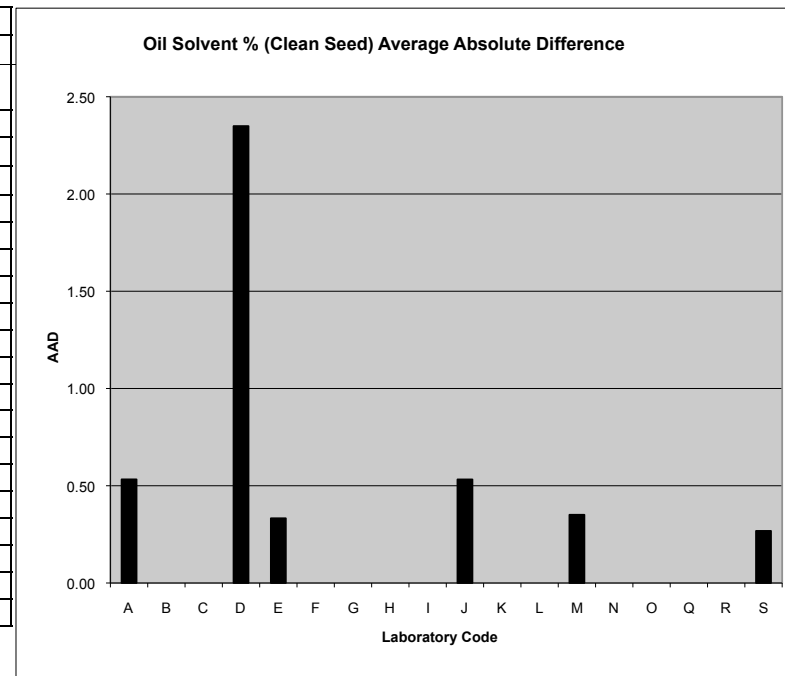
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Oil Rapid % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C	45.06	1.18	50.56	2.50	42.00	0.80	1.49	1.49
D	43.62	-0.26	47.58	-0.49	41.35	0.15	-0.20	0.30
E	44.55	0.67	47.95	-0.11	41.65	0.45	0.34	0.41
F								
G								
H								
I	43.95	0.07	48.00	-0.06	41.20	0.00	0.00	0.05
J	43.23	-0.65	48.38	0.32	41.07	-0.13	-0.15	0.37
K	44.55	0.67	48.30	0.24	41.35	0.15	0.35	0.35
L	43.35	-0.53	48.35	0.29	40.81	-0.39	-0.21	0.40
M	43.65	-0.23	48.05	-0.01	40.65	-0.55	-0.26	0.26
N	43.30	-0.58	48.15	0.09	40.70	-0.50	-0.33	0.39
O	43.67	-0.21	48.03	-0.03	41.03	-0.17	-0.14	0.14
Q								
R	43.50	-0.38	47.85	-0.21	41.70	0.50	-0.03	0.36
S	44.10	0.22	48.05	-0.01	40.90	-0.30	-0.03	0.18
MEAN	43.88		48.06		41.20			0.39
STDEV	0.58		0.23		0.42			



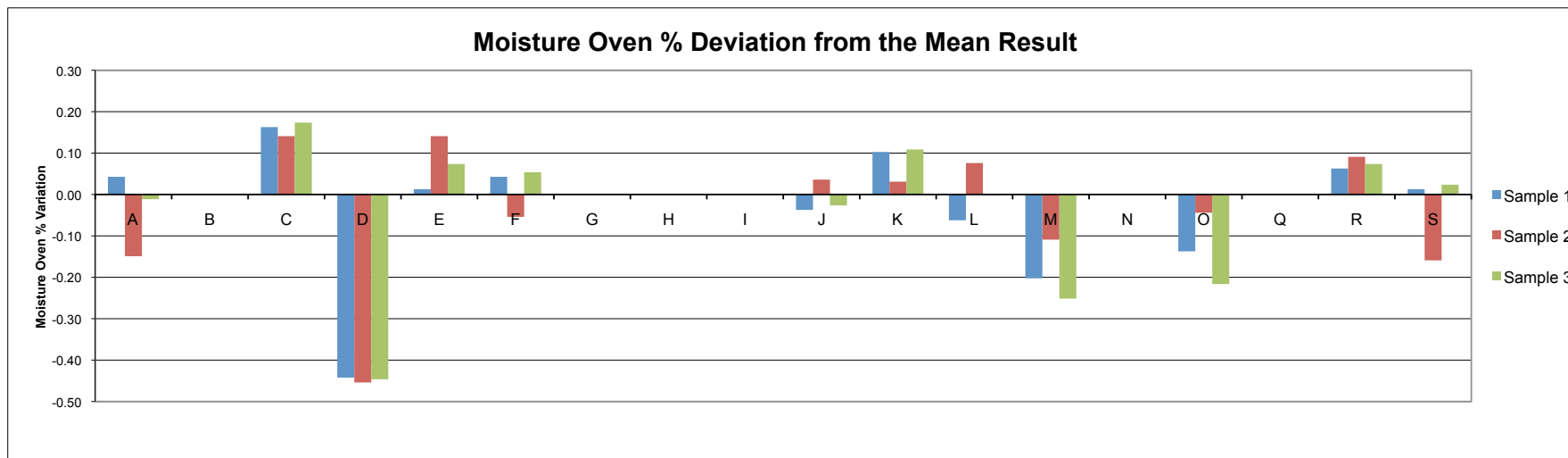
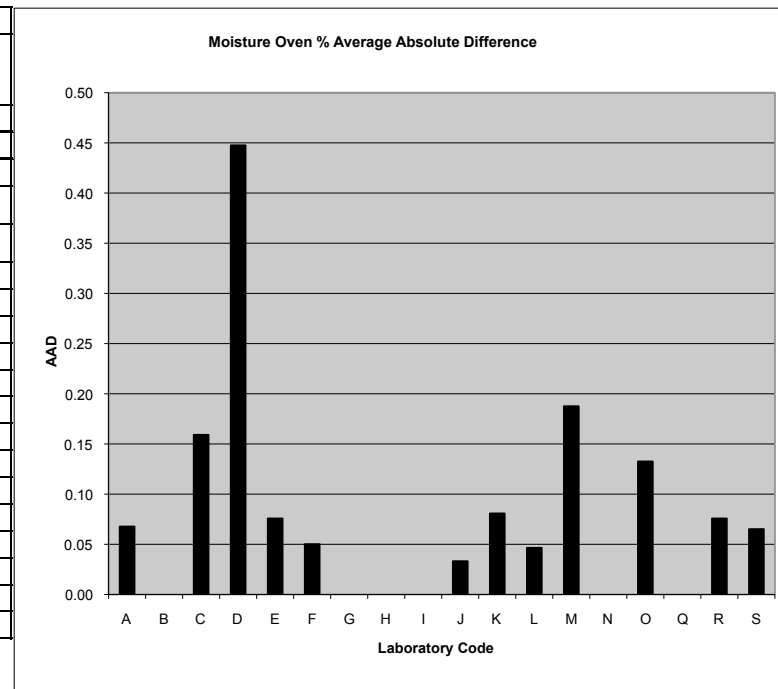
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Oil Solvent % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	44.38	0.62	48.84	0.53	41.48	0.45	0.53	0.53
B								
C								
D	39.14	-4.62	47.65	-0.66	39.26	-1.77	-2.35	2.35
E	44.01	0.25	48.83	0.51	41.26	0.23	0.33	0.33
F	43.67	-0.09						
G								
H								
I								
J	43.20	-0.56	47.50	-0.81	40.80	-0.23	-0.53	0.53
K								
L								
M	43.39	-0.37	48.11	-0.20	40.55	-0.48	-0.35	0.35
N								
O								
Q								
R								
S	43.90	0.14	48.95	0.64	41.05	0.02	0.27	0.27
MEAN	43.76		48.31		41.03			0.73
STDEV	0.43		0.65		0.37			



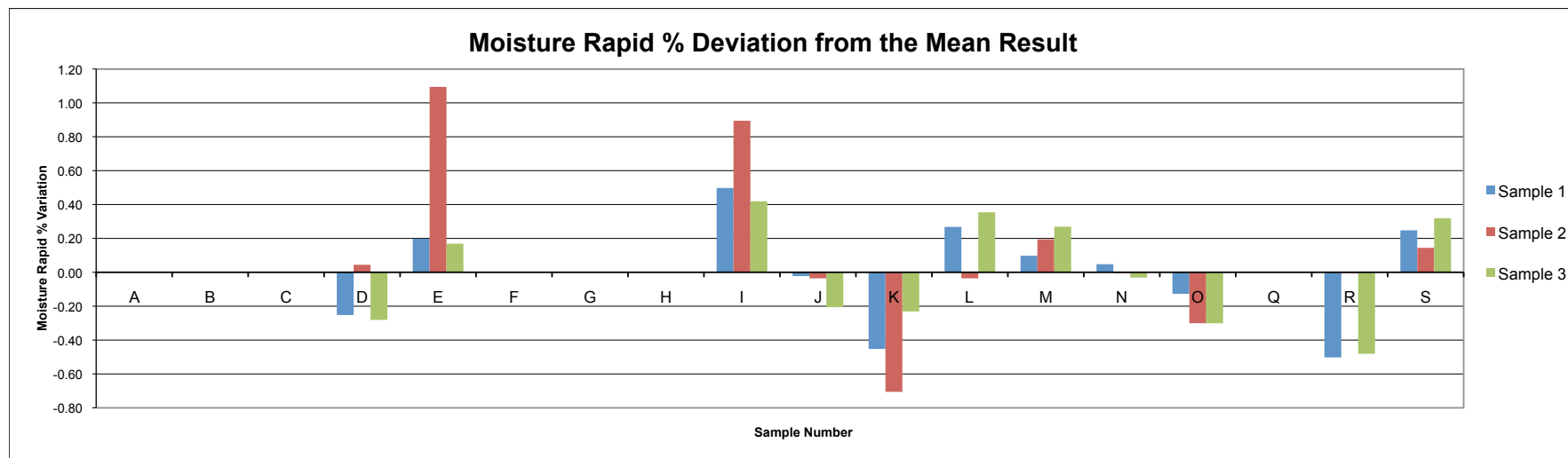
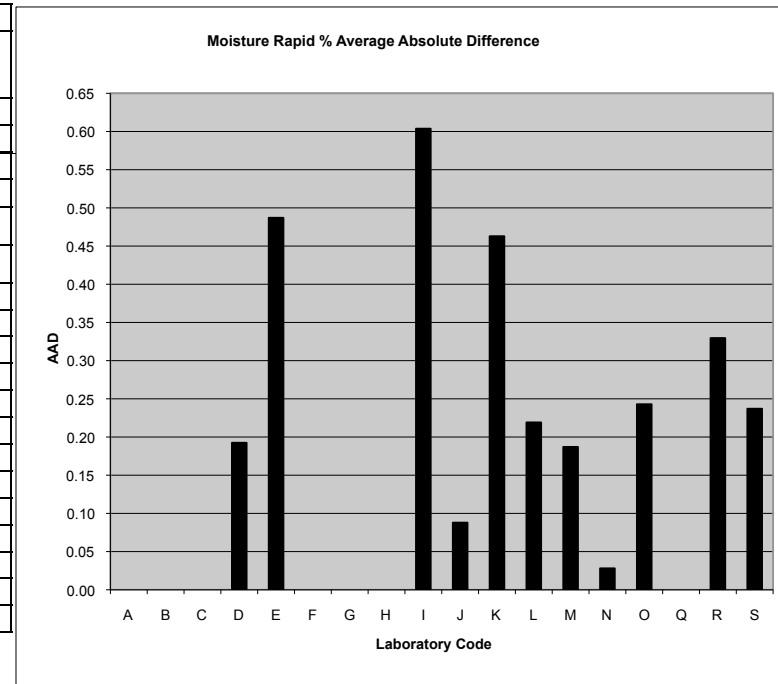
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Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	6.68	0.04	4.46	-0.15	6.32	-0.01	-0.04	0.07
B								
C	6.80	0.16	4.75	0.14	6.50	0.17	0.16	0.16
D	6.20	-0.44	4.16	-0.45	5.88	-0.45	-0.45	0.45
E	6.65	0.01	4.75	0.14	6.40	0.07	0.08	0.08
F	6.68	0.04	4.56	-0.05	6.38	0.05	0.01	0.05
G								
H								
I								
J	6.60	-0.04	4.65	0.04	6.30	-0.03	-0.01	0.03
K	6.74	0.10	4.64	0.03	6.44	0.11	0.08	0.08
L	6.58	-0.06	4.69	0.08	6.33	0.00	0.00	0.05
M	6.44	-0.20	4.50	-0.11	6.08	-0.25	-0.19	0.19
N								
O	6.50	-0.14	4.57	-0.04	6.11	-0.22	-0.13	0.13
Q								
R	6.70	0.06	4.70	0.09	6.40	0.07	0.08	0.08
S	6.65	0.01	4.45	-0.16	6.35	0.02	-0.04	0.07
MEAN	6.64		4.61		6.33			0.12
STDEV	0.10		0.11		0.13			



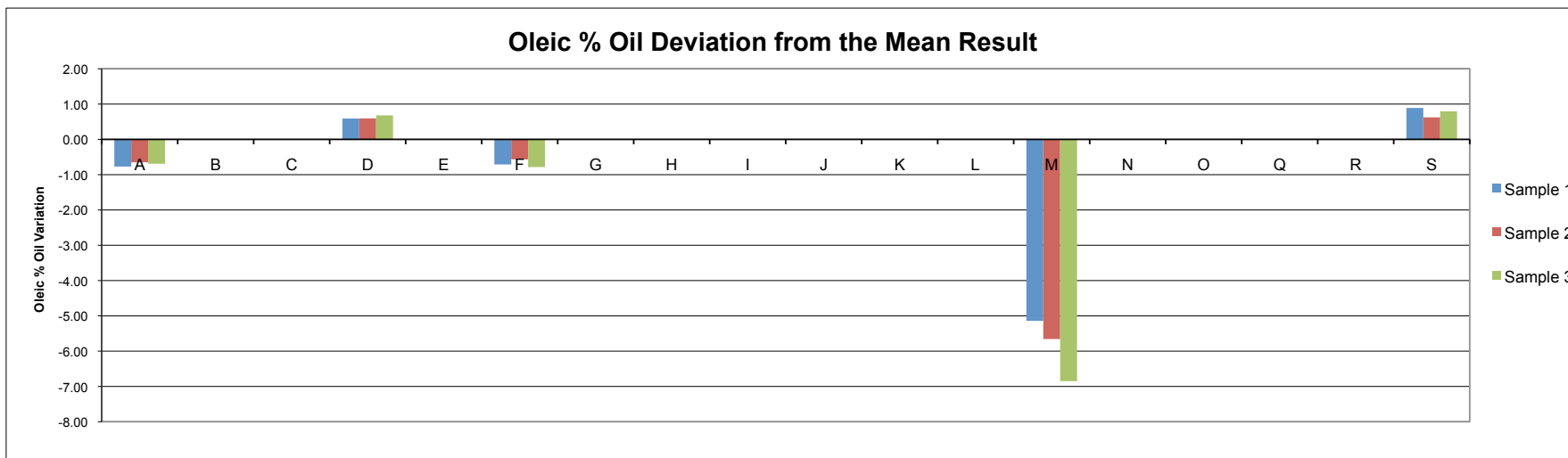
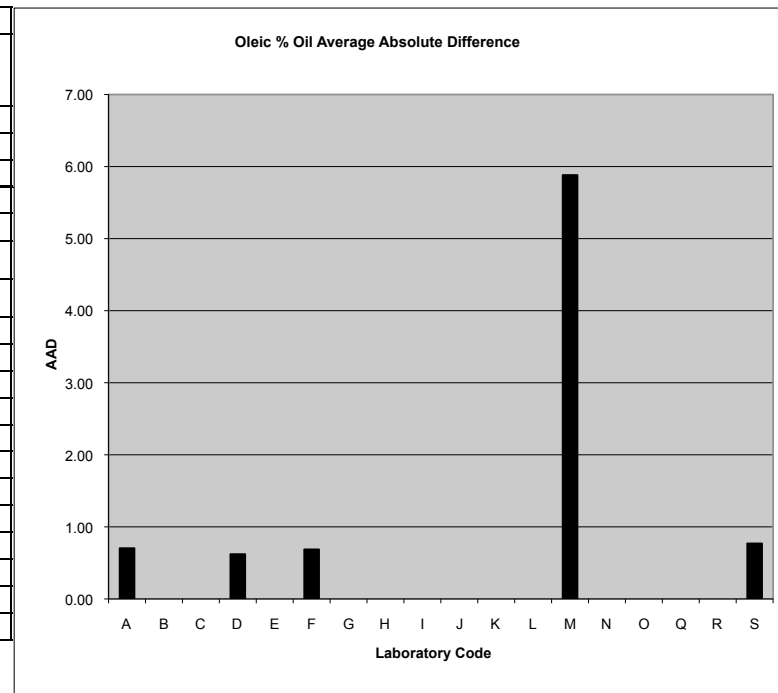
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Moisture Rapid % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C								
D	6.25	-0.25	4.25	0.04	6.00	-0.28	-0.16	0.19
E	6.70	0.20	5.30	1.09	6.45	0.17	0.49	0.49
F								
G								
H								
I	7.00	0.50	5.10	0.89	6.70	0.42	0.60	0.60
J	6.48	-0.02	4.17	-0.04	6.08	-0.21	-0.09	0.09
K	6.05	-0.45	3.50	-0.71	6.05	-0.23	-0.46	0.46
L	6.77	0.27	4.17	-0.04	6.64	0.35	0.20	0.22
M	6.60	0.10	4.40	0.19	6.55	0.27	0.19	0.19
N	6.55	0.05	4.20	-0.01	6.25	-0.03	0.00	0.03
O	6.38	-0.13	3.91	-0.30	5.98	-0.30	-0.24	0.24
Q								
R	6.00	-0.50	4.20	-0.01	5.80	-0.48	-0.33	0.33
S	6.75	0.25	4.35	0.14	6.60	0.32	0.24	0.24
MEAN	6.50		4.21		6.28			0.28
STDEV	0.31		0.15		0.32			



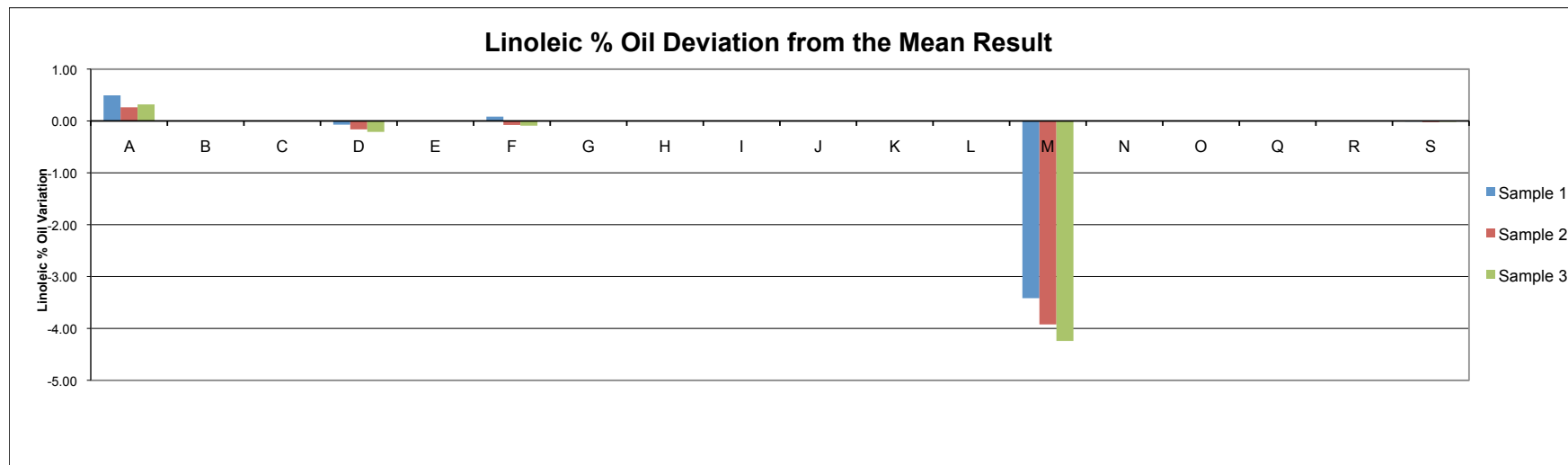
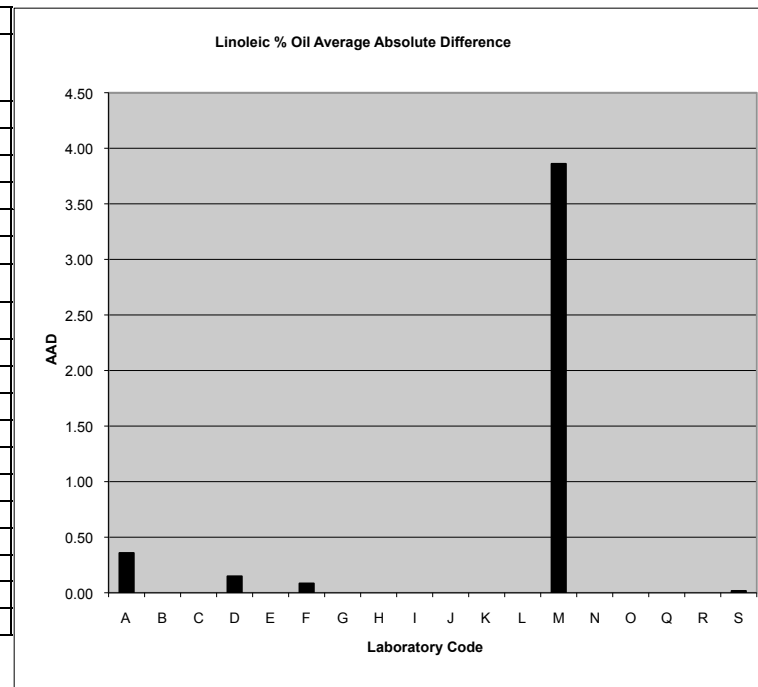
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Oleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	60.85	-0.77	58.65	-0.65	59.51	-0.69	-0.70	0.70
B								
C								
D	62.21	0.59	59.89	0.59	60.88	0.68	0.62	0.62
E								
F	60.91	-0.71	58.73	-0.57	59.41	-0.78	-0.69	0.69
G								
H								
I								
J								
K								
L								
M	56.48	-5.14	53.64	-5.66	53.35	-6.85	-5.88	5.88
N								
O								
Q								
R								
S	62.51	0.89	59.92	0.62	60.99	0.80	0.77	0.77
MEAN	61.62		59.30		60.20			1.73
STDEV	0.86		0.70		0.85			



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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	21.09	0.49	22.40	0.26	22.01	0.32	0.36	0.36
B								
C								
D	20.53	-0.07	21.98	-0.16	21.48	-0.21	-0.15	0.15
E								
F	20.68	0.08	22.06	-0.08	21.60	-0.09	-0.03	0.08
G								
H								
I								
J								
K								
L								
M	17.18	-3.42	18.22	-3.92	17.45	-4.24	-3.86	3.86
N								
O								
Q								
R								
S	20.59	-0.01	22.12	-0.02	21.68	-0.02	-0.02	0.02
MEAN	20.60		22.14		21.69			0.89
STDEV	0.08		0.18		0.23			



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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	0.24	-0.09	0.04	-0.09	0.21	-0.11	-0.10	0.10
B								
C								
D	0.41	0.08	0.11	-0.02	0.29	-0.03	0.01	0.04
E								
F	0.35	0.02	0.14	0.02	0.29	-0.03	0.00	0.02
G								
H								
I								
J	1.41	1.08	0.47	0.35	1.38	1.07	0.83	0.83
K	0.38	0.05	0.26	0.13	0.61	0.30	0.16	0.16
L								
M	0.50	0.17	0.21	0.09	0.43	0.12	0.12	0.12
N								
O	0.23	-0.10	0.05	-0.08	0.18	-0.13	-0.10	0.10
Q								
R								
S	0.20	-0.13	0.08	-0.05	0.20	-0.11	-0.10	0.10
MEAN	0.33		0.13		0.31			0.18
STDEV	0.11		0.08		0.16			

