



**2015 AOF Test Check Program
Monthly Report
Round 7
November – 2015**

Result Receiving Dates

Lab Code	Date
A	30/11/2015
B	N/A
C	13/11/2015
D	17/11/2015
E	15/11/2015
F	18/11/2015
G	N/A
H	03/11/2015
I	12/11/2015
J	26/11/2015
K	05/11/2015
L	24/11/2015
M	30/11/2015
N	01/12/2015
O	24/11/2015
Q	01/12/2015
R	11/11/2015
S	30/11/2015

Discussion of Results

Test Weight

Sample 1 – No outliers were observed for this test.

Sample 2 – One outlier was identified for Lab **A** with a 0.02 kg/HL discrepancy from the upper quartile limit (68.73 kg/HL).

Sample 3 – No outliers were observed for this test.



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Impurities

Sample 1 – No outliers were observed for this test.

Sample 2 – Outliers were identified for Lab **J** and **S** which were 0.3 and 0.04 of a percent discrepancy, respectively, from the lower quartile limit (1.4%).

Sample 3 – Outliers were identified for Lab **K** and **S** which were 0.87 and 0.54 of a percent discrepancy, respectively, from the upper quartile limit (1.84%).

Oil Rapid

Sample 1 – Two Outliers were identified for Lab **E** and **J**. Lab **E** was 0.19 of a percent from the upper quartile limit (44.31%). Lab **J** was 0.03 of a percent discrepancy from the lower quartile limit (43.13%).

Sample 2 – No outliers were observed for this test.

Sample 3 – No outliers were observed for this test.

Oil Solvent Extraction

No outliers were observed for these tests.

Moisture Oven

Sample 1 – Outliers were identified for Lab **D**, **J** and **L**. Lab **D** and **J** were 0.64 and 0.24 of a percent discrepancy, respectively, from the lower quartile limit (5.45%). Lab **L** was 0.1 of a percent discrepancy from the upper quartile limit (5.60%).

Sample 2 – No outliers were observed for this test.

Sample 3 – Outliers were identified for Lab **D** and **L** which were 0.2 and 0.35 of a percent discrepancy, respectively, from the upper quartile limit (5.37%).

Moisture Rapid

No outliers were observed for these tests.



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Oleic Oil

Sample 1 – One outlier was identified for Lab **Q** with a 0.45 of a percent discrepancy from the upper quartile limit (70.91%).

Sample 2 – No outliers were observed for this test.

Sample 3 – One outlier was identified for Lab **Q** with a 0.58 of a percent discrepancy from the upper quartile limit (64.64%).

Linoleic Oil

Sample 1 – One outlier was identified for Lab **K** with a 2.94 of a percent discrepancy from the lower quartile limit (11.86%).

Sample 2 – One outlier was identified for Lab **K** with a 6.66 of a percent discrepancy from the lower quartile limit (15.31%).

Sample 3 – One outlier was identified for Lab **K** with a 10.82 of a percent discrepancy from the lower quartile limit (19.30%).

Linolenic Oil

Sample 1 – One outlier was identified for Lab **K** with a 0.16 of a percent discrepancy from the lower quartile limit (8.82%).

Sample 2 – No outliers were observed for this test.

Sample 3 – No outliers were observed for this test.

Free Fatty Acid

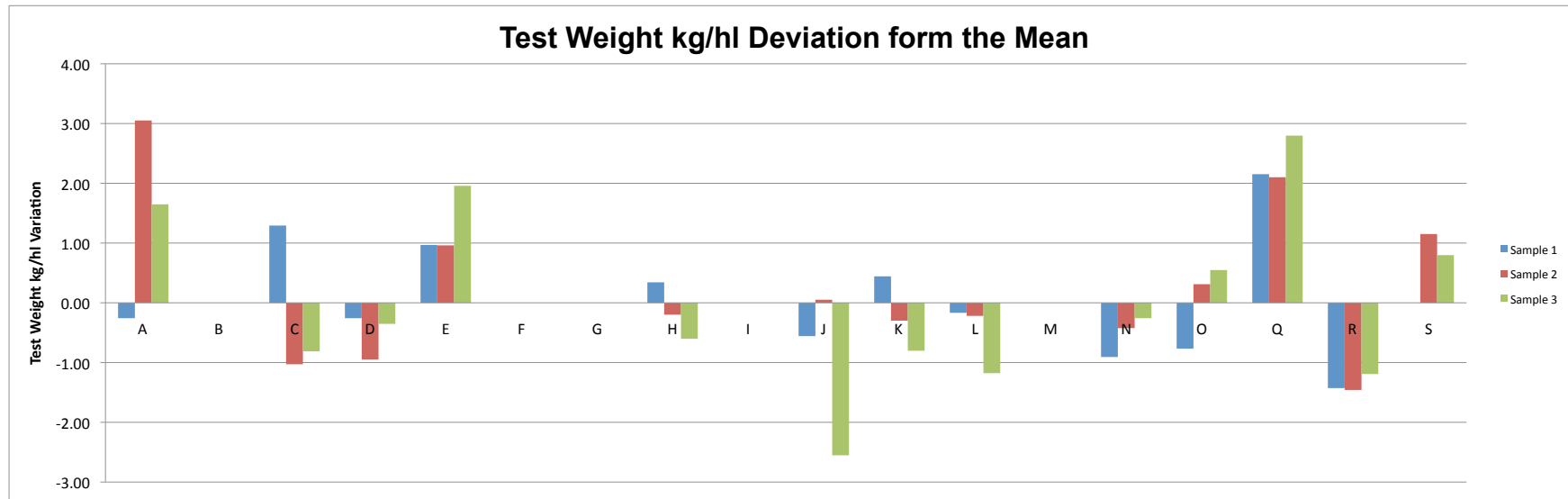
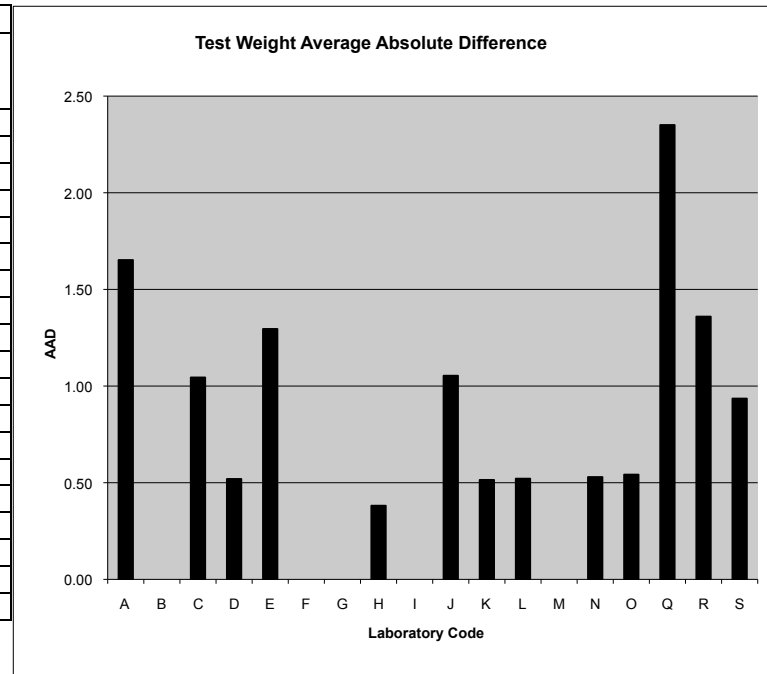
Sample 1 – One outlier was identified for Lab **K** with a 0.04 of a percent discrepancy from the upper quartile limit (0.44%).

Sample 2 – No outliers were observed for this test.

Sample 3 – No outliers were observed for this test.

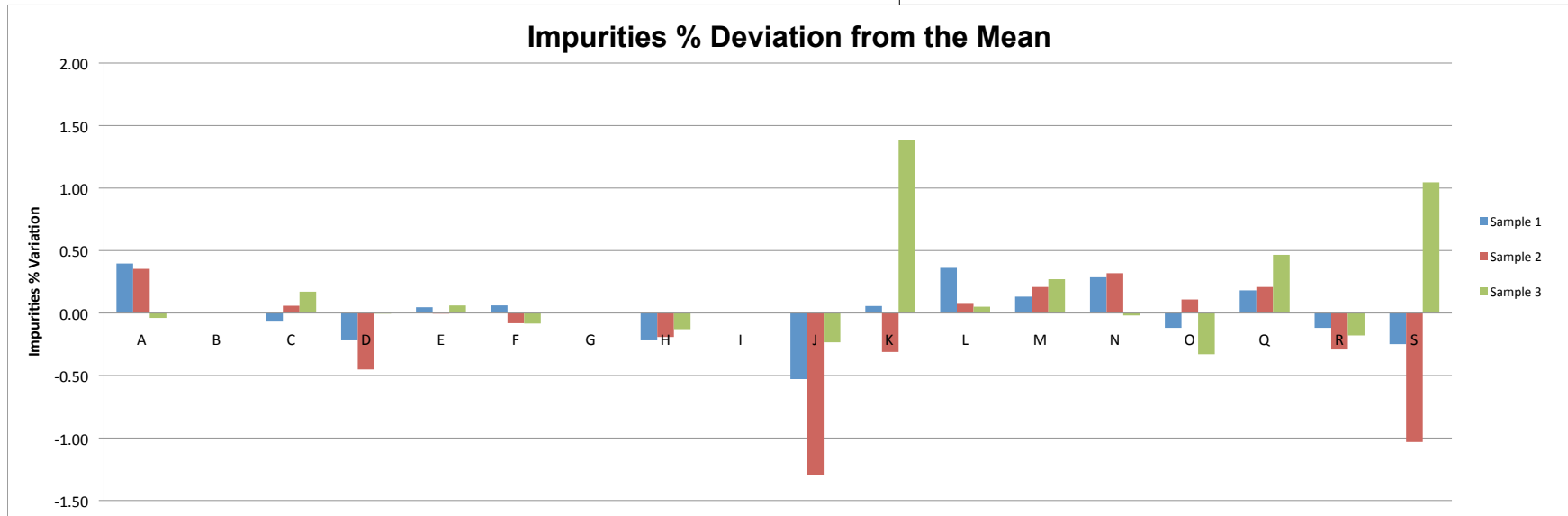
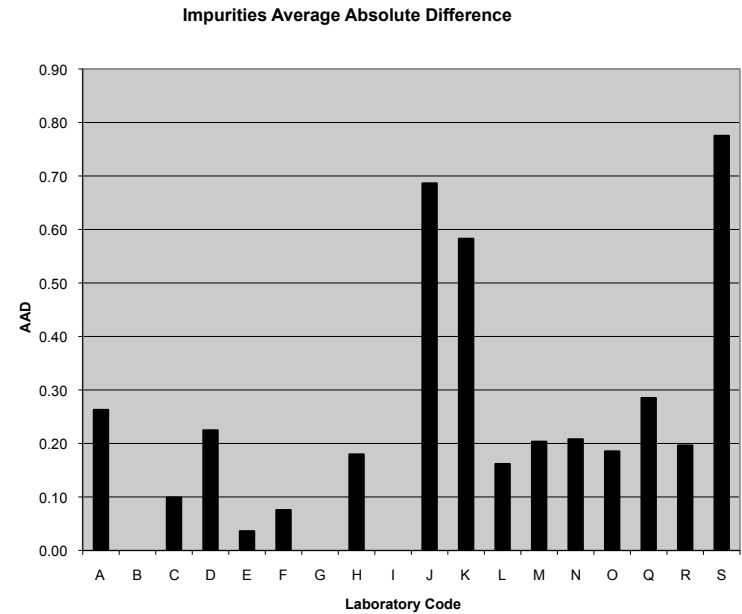
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Test Weight kg/hl								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	68.50	-0.26	68.75	3.05	67.75	1.65	1.48	1.65
B								
C	70.05	1.29	64.67	-1.03	65.29	-0.81	-0.18	1.04
D	68.50	-0.26	64.75	-0.95	65.75	-0.35	-0.52	0.52
E	69.73	0.97	66.66	0.96	68.06	1.96	1.30	1.30
F								
G								
H	69.10	0.34	65.50	-0.20	65.50	-0.60	-0.15	0.38
I								
J	68.20	-0.56	65.75	0.05	63.55	-2.55	-1.02	1.05
K	69.20	0.44	65.40	-0.30	65.30	-0.80	-0.22	0.51
L	68.59	-0.17	65.48	-0.22	64.93	-1.18	-0.52	0.52
M								
N	67.85	-0.91	65.28	-0.42	65.85	-0.26	-0.53	0.53
O	67.99	-0.77	66.01	0.31	66.65	0.55	0.03	0.54
Q	70.91	2.15	67.80	2.10	68.90	2.80	2.35	2.35
R	67.33	-1.43	64.24	-1.46	64.91	-1.19	-1.36	1.36
S	68.76	0.00	66.85	1.15	66.90	0.80	0.36	0.94
MEAN	68.76		65.70		66.10			0.98
STDEV	1.01		1.01		1.49			



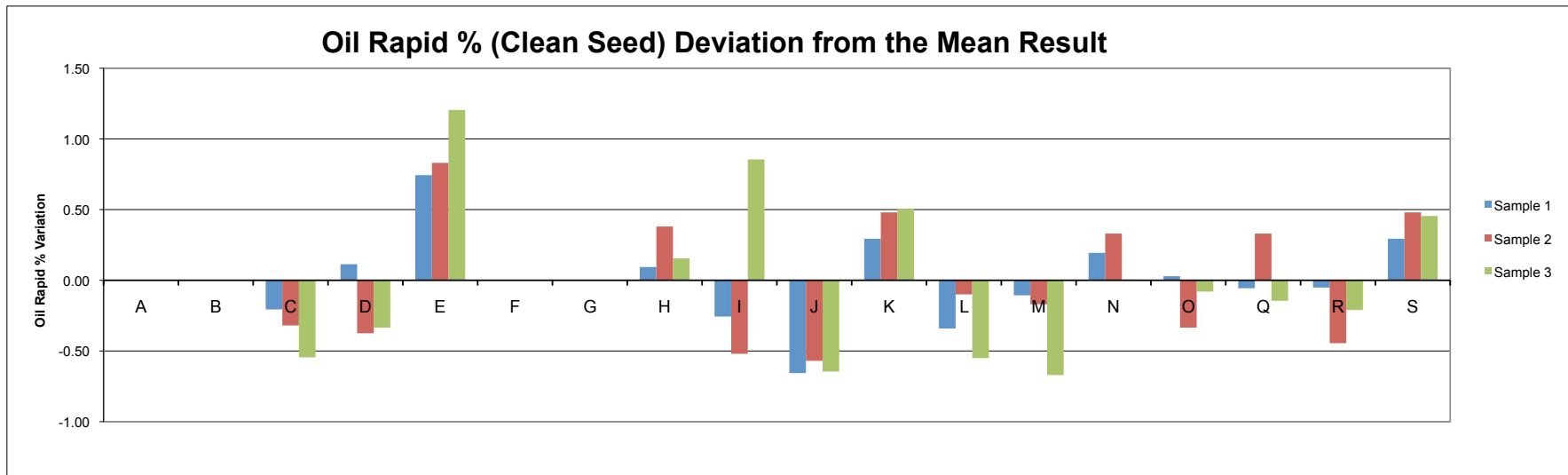
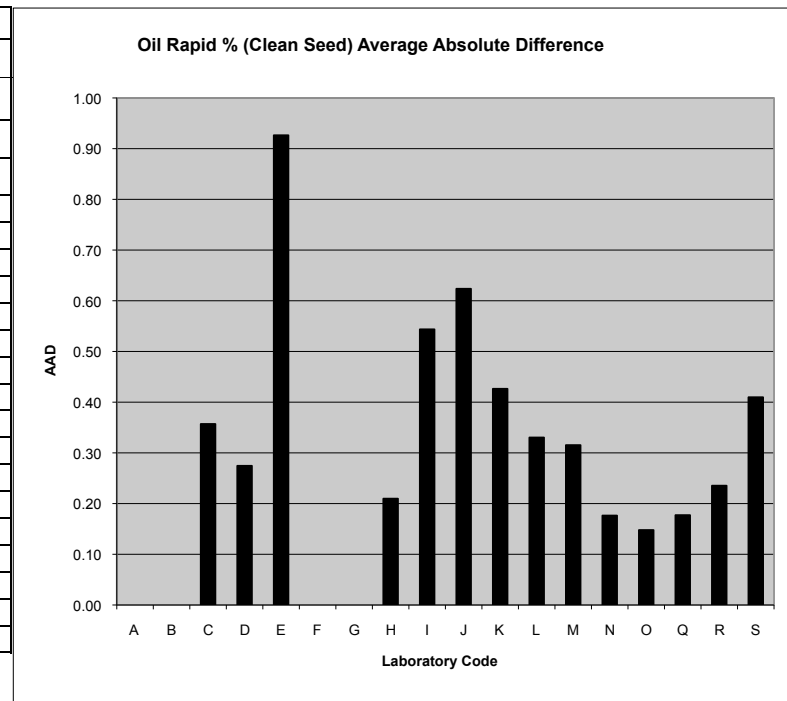
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Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	1.42	0.40	2.75	0.35	1.29	-0.04	0.24	0.26
B								
C	0.95	-0.07	2.45	0.06	1.50	0.17	0.05	0.10
D	0.80	-0.22	1.94	-0.45	1.33	0.00	-0.22	0.22
E	1.07	0.05	2.39	0.00	1.39	0.06	0.04	0.04
F	1.08	0.06	2.31	-0.08	1.25	-0.08	-0.03	0.08
G								
H	0.80	-0.22	2.20	-0.19	1.20	-0.13	-0.18	0.18
I								
J	0.49	-0.53	1.10	-1.30	1.10	-0.23	-0.69	0.69
K	1.08	0.06	2.08	-0.31	2.71	1.38	0.38	0.58
L	1.38	0.36	2.47	0.07	1.38	0.05	0.16	0.16
M	1.15	0.13	2.60	0.21	1.60	0.27	0.20	0.20
N	1.31	0.29	2.71	0.32	1.31	-0.02	0.20	0.21
O	0.90	-0.12	2.50	0.11	1.00	-0.33	-0.11	0.19
Q	1.20	0.18	2.60	0.21	1.80	0.47	0.29	0.29
R	0.90	-0.12	2.10	-0.29	1.15	-0.18	-0.20	0.20
S	0.77	-0.25	1.36	-1.03	2.38	1.05	-0.08	0.78
MEAN	1.02		2.39		1.33			0.28
STDEV	0.25		0.25		0.21			



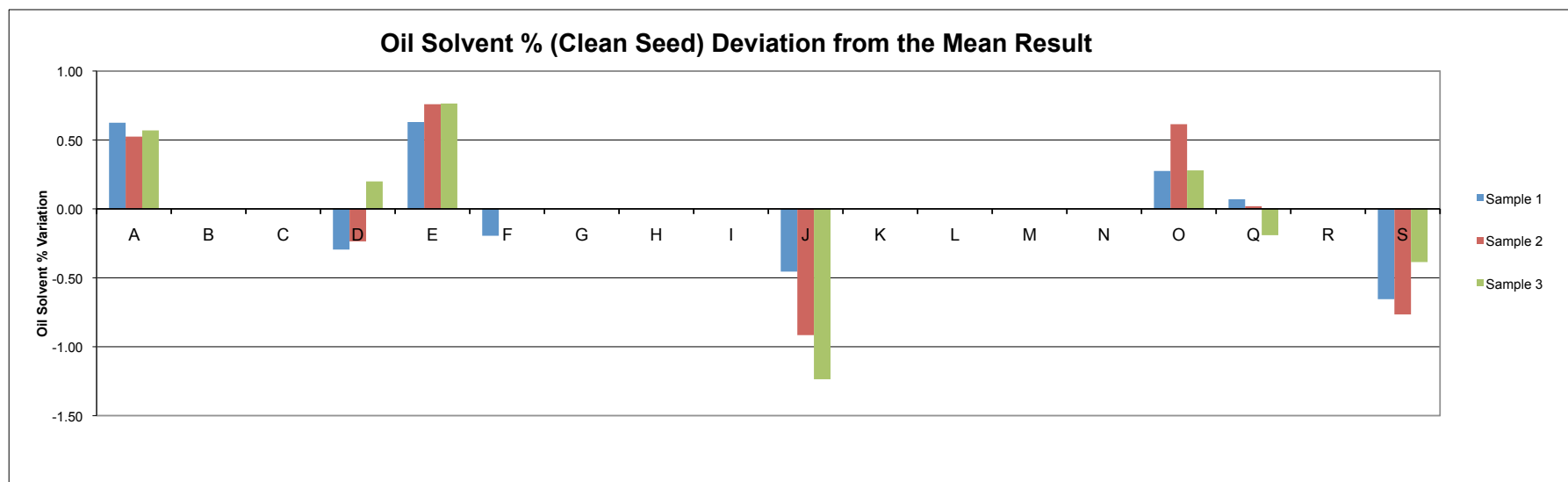
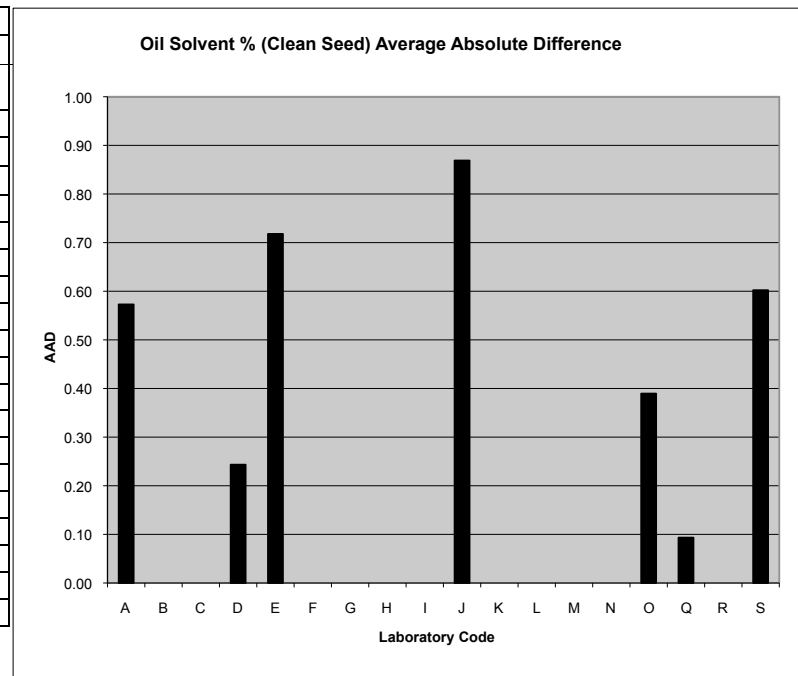
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Oil Rapid % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C	43.55	-0.21	37.55	-0.32	45.45	-0.54	-0.36	0.36
D	43.87	0.11	37.50	-0.37	45.66	-0.34	-0.20	0.27
E	44.50	0.74	38.70	0.83	47.20	1.21	0.93	0.93
F								
G								
H	43.85	0.09	38.25	0.38	46.15	0.16	0.21	0.21
I	43.50	-0.26	37.35	-0.52	46.85	0.86	0.03	0.54
J	43.10	-0.66	37.30	-0.57	45.35	-0.65	-0.62	0.62
K	44.05	0.29	38.35	0.48	46.50	0.51	0.43	0.43
L	43.42	-0.34	37.77	-0.10	45.45	-0.55	-0.33	0.33
M	43.65	-0.11	37.70	-0.17	45.33	-0.67	-0.32	0.32
N	43.95	0.19	38.20	0.33	46.00	0.01	0.18	0.18
O	43.79	0.03	37.54	-0.33	45.92	-0.08	-0.13	0.15
Q	43.70	-0.06	38.20	0.33	45.85	-0.15	0.04	0.18
R	43.71	-0.05	37.43	-0.44	45.79	-0.21	-0.24	0.24
S	44.05	0.29	38.35	0.48	46.45	0.46	0.41	0.41
MEAN	43.76		37.87		46.00			0.37
STDEV	0.21		0.46		0.58			



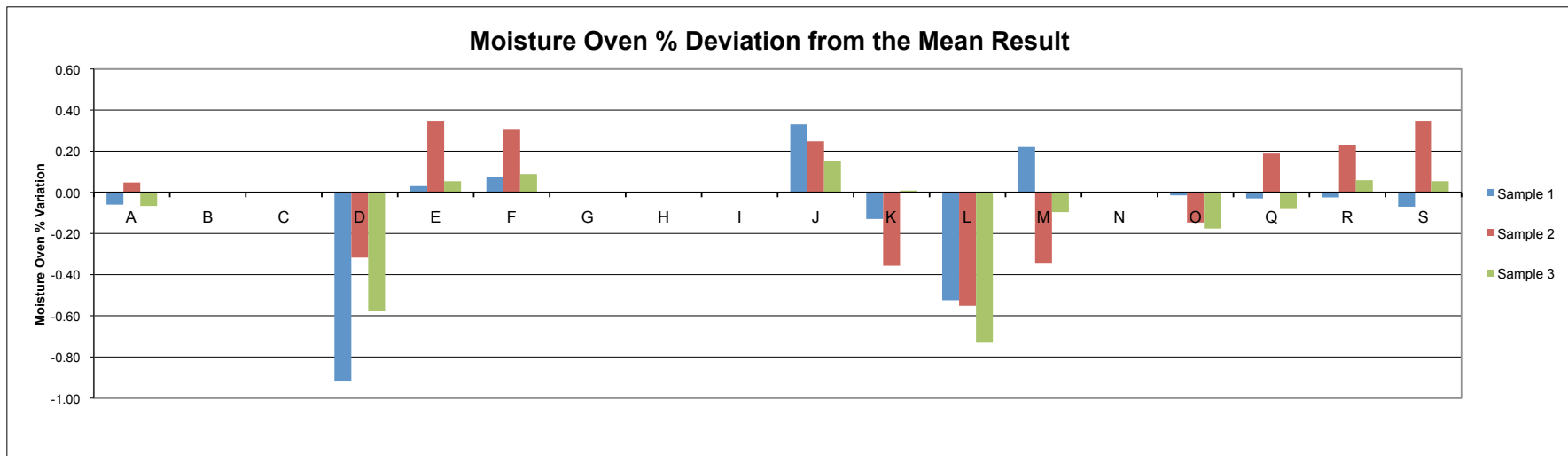
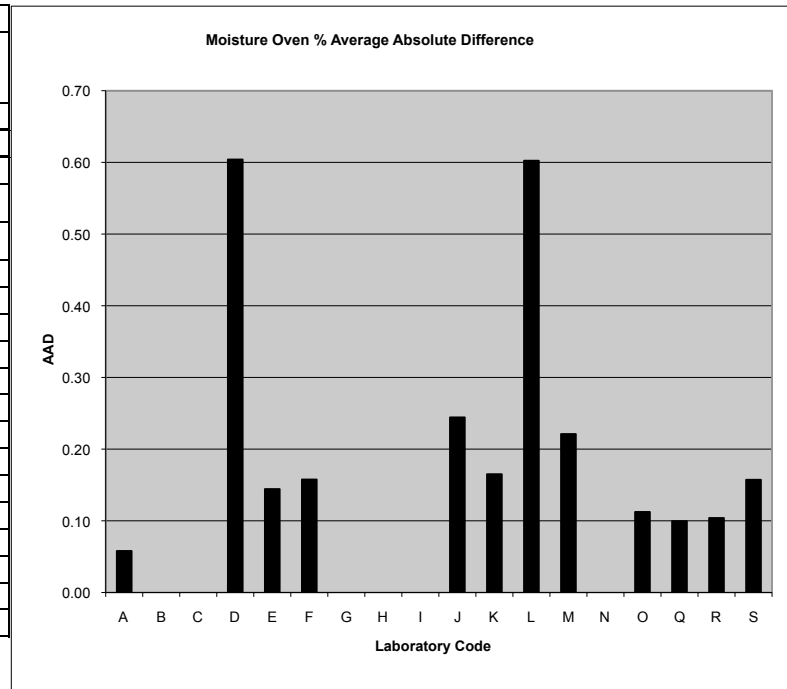
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Oil Solvent % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	44.08	0.62	38.04	0.52	46.81	0.57	0.57	0.57
B								
C								
D	43.16	-0.30	37.28	-0.24	46.44	0.20	-0.11	0.24
E	44.09	0.63	38.28	0.76	47.00	0.76	0.72	0.72
F	43.26	-0.20						
G								
H								
I								
J	43.00	-0.46	36.60	-0.92	45.00	-1.24	-0.87	0.87
K								
L								
M								
N								
O	43.73	0.27	38.13	0.61	46.52	0.28	0.39	0.39
Q	43.53	0.07	37.54	0.02	46.05	-0.19	-0.03	0.09
R								
S	42.80	-0.66	36.75	-0.77	45.85	-0.39	-0.60	0.60
MEAN	43.46		37.52		46.24			0.50
STDEV	0.48		0.67		0.68			



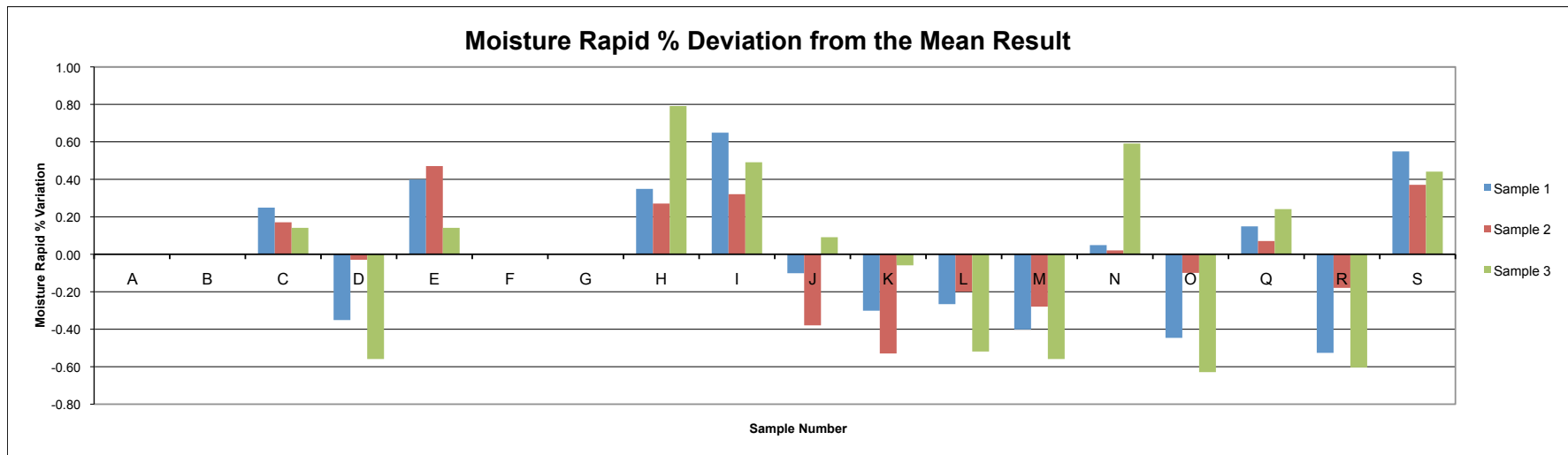
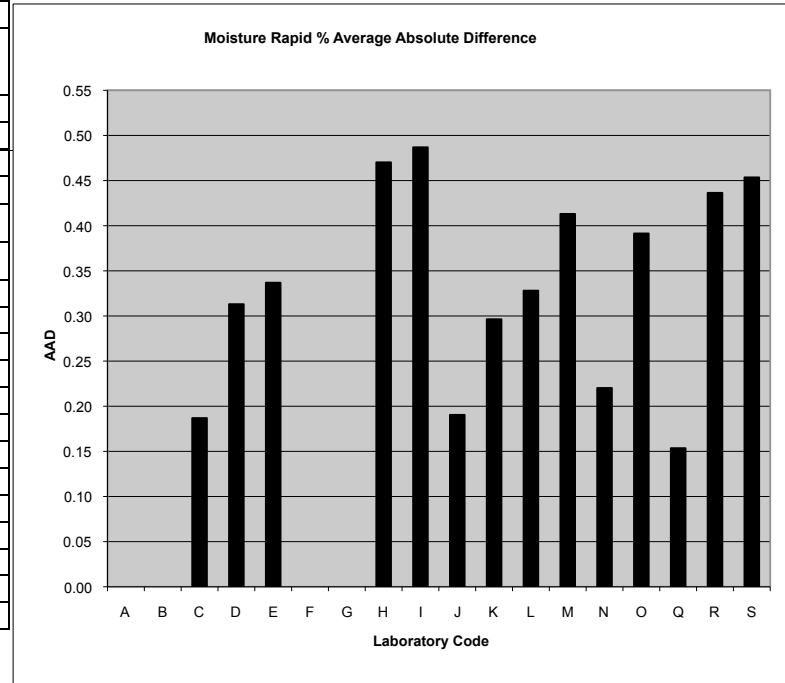
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Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	5.31	-0.06	7.75	0.05	5.68	-0.07	-0.03	0.06
B								
C								
D	4.45	-0.92	7.39	-0.32	5.17	-0.58	-0.60	0.60
E	5.40	0.03	8.05	0.35	5.80	0.05	0.14	0.14
F	5.45	0.08	8.01	0.31	5.84	0.09	0.16	0.16
G								
H								
I								
J	5.70	0.33	7.95	0.25	5.90	0.15	0.24	0.24
K	5.24	-0.13	7.35	-0.36	5.76	0.01	-0.16	0.17
L	4.85	-0.52	7.15	-0.55	5.02	-0.73	-0.60	0.60
M	5.59	0.22	7.36	-0.35	5.65	-0.10	-0.07	0.22
N								
O	5.36	-0.01	7.56	-0.15	5.57	-0.18	-0.11	0.11
Q	5.34	-0.03	7.89	0.19	5.67	-0.08	0.03	0.10
R	5.35	-0.02	7.93	0.23	5.81	0.06	0.09	0.10
S	5.30	-0.07	8.05	0.35	5.80	0.05	0.11	0.16
MEAN	5.37		7.70		5.75			0.22
STDEV	0.10		0.33		0.10			



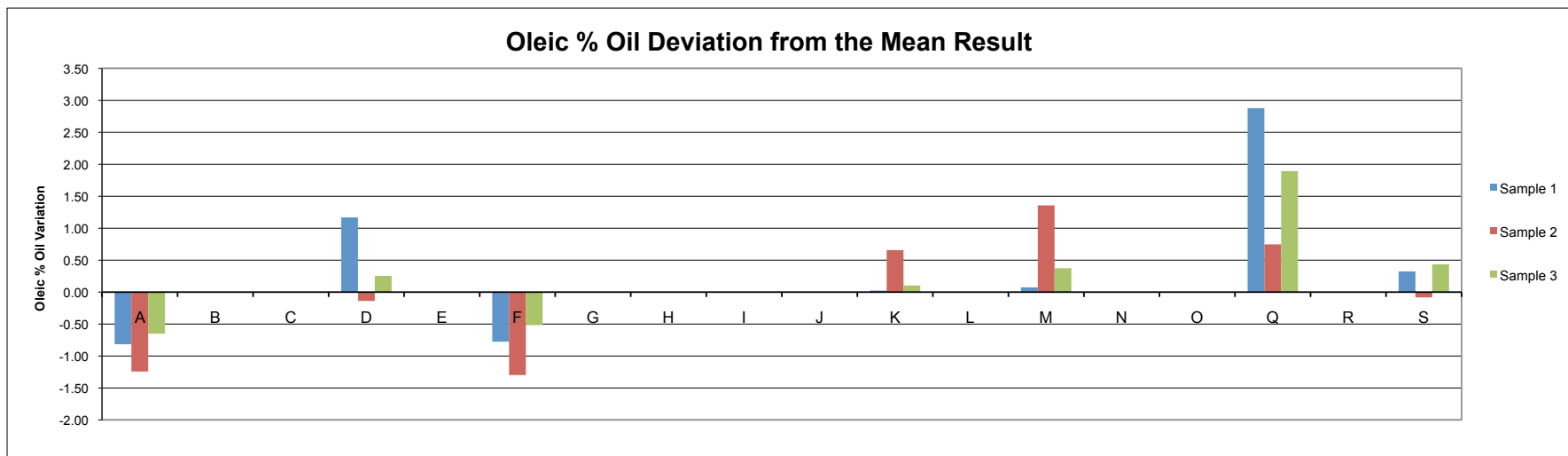
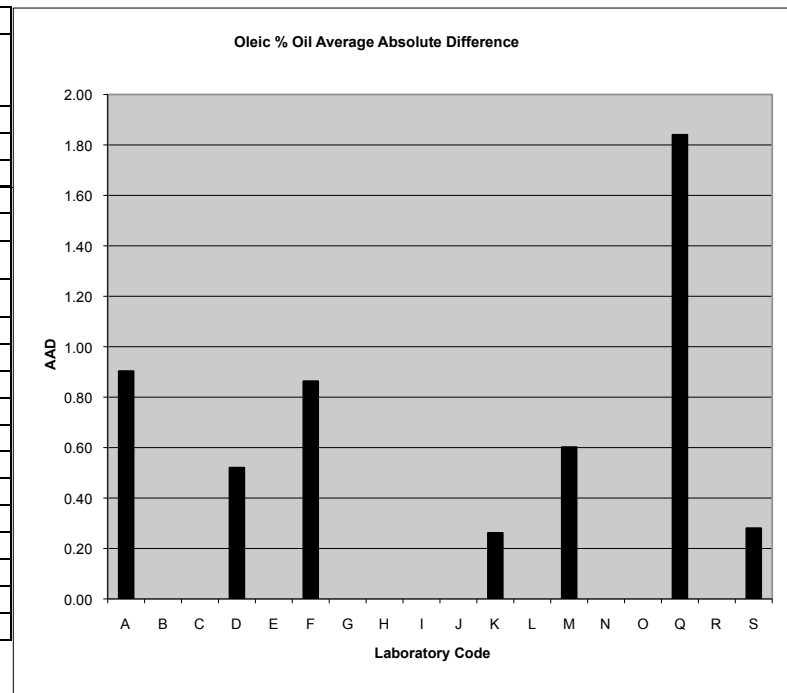
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Moisture Rapid % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C	5.65	0.25	8.00	0.17	5.70	0.14	0.19	0.19
D	5.05	-0.35	7.80	-0.03	5.00	-0.56	-0.31	0.31
E	5.80	0.40	8.30	0.47	5.70	0.14	0.34	0.34
F								
G								
H	5.75	0.35	8.10	0.27	6.35	0.79	0.47	0.47
I	6.05	0.65	8.15	0.32	6.05	0.49	0.49	0.49
J	5.30	-0.10	7.45	-0.38	5.65	0.09	-0.13	0.19
K	5.10	-0.30	7.30	-0.53	5.50	-0.06	-0.30	0.30
L	5.14	-0.27	7.63	-0.20	5.04	-0.52	-0.33	0.33
M	5.00	-0.40	7.55	-0.28	5.00	-0.56	-0.41	0.41
N	5.45	0.05	7.85	0.02	6.15	0.59	0.22	0.22
O	4.96	-0.45	7.73	-0.10	4.93	-0.63	-0.39	0.39
Q	5.55	0.15	7.90	0.07	5.80	0.24	0.15	0.15
R	4.88	-0.53	7.65	-0.18	4.96	-0.60	-0.44	0.44
S	5.95	0.55	8.20	0.37	6.00	0.44	0.45	0.45
MEAN	5.40		7.83		5.56			0.33
STDEV	0.39		0.30		0.49			



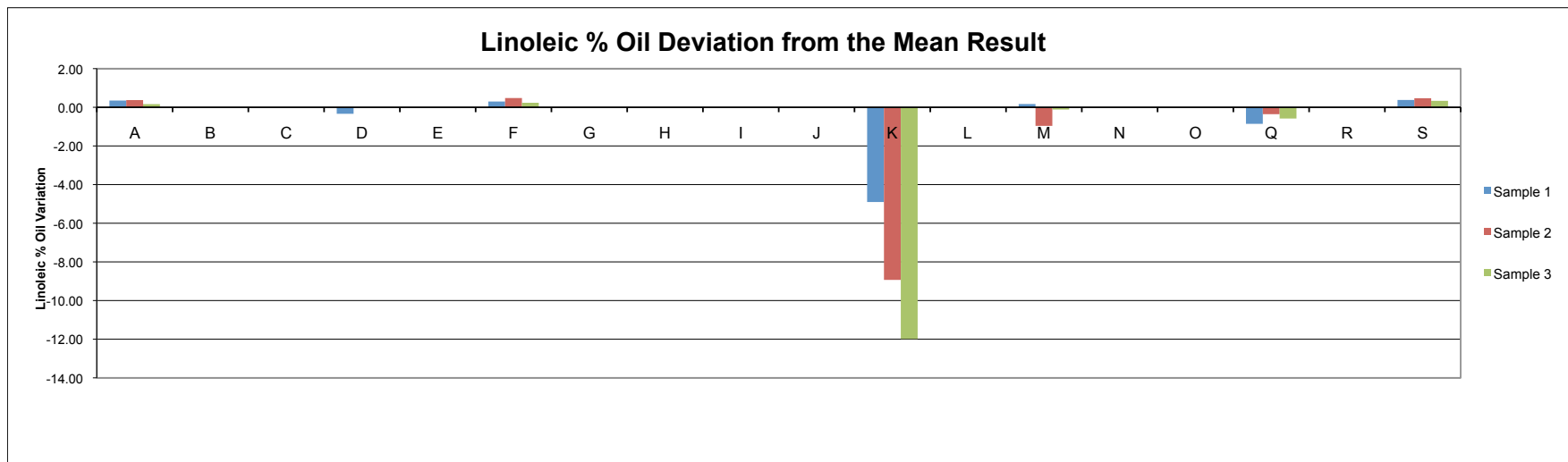
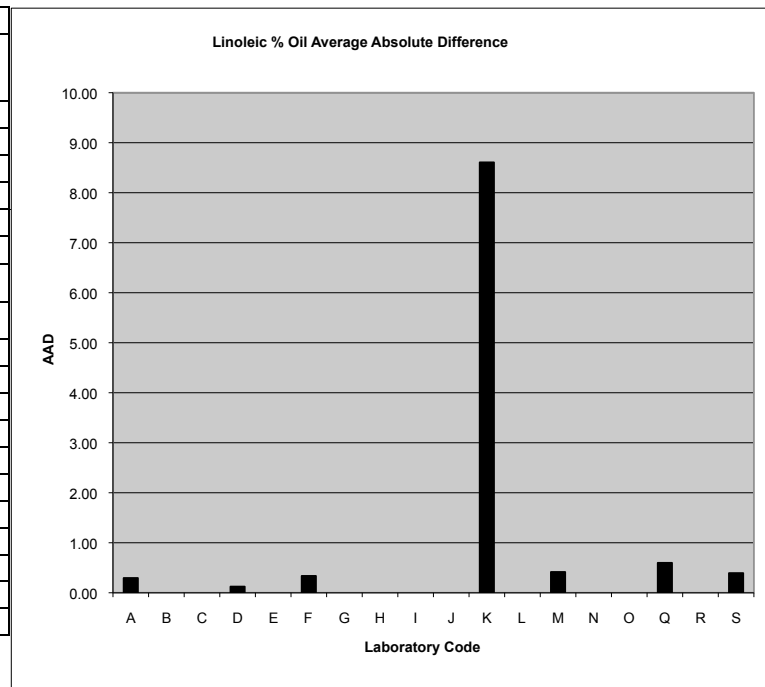
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Oleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	67.66	-0.82	63.84	-1.24	62.67	-0.65	-0.90	0.90
B								
C								
D	69.65	1.17	64.95	-0.14	63.57	0.25	0.43	0.52
E								
F	67.70	-0.78	63.79	-1.30	62.80	-0.52	-0.86	0.86
G								
H								
I								
J								
K	68.50	0.02	65.74	0.66	63.42	0.10	0.26	0.26
L								
M	68.55	0.07	66.44	1.36	63.69	0.37	0.60	0.60
N								
O								
Q	71.36	2.88	65.83	0.75	65.21	1.89	1.84	1.84
R								
S	68.80	0.32	65.00	-0.08	63.75	0.43	0.23	0.28
MEAN	68.48		65.08		63.32			0.75
STDEV	0.74		1.01		0.38			



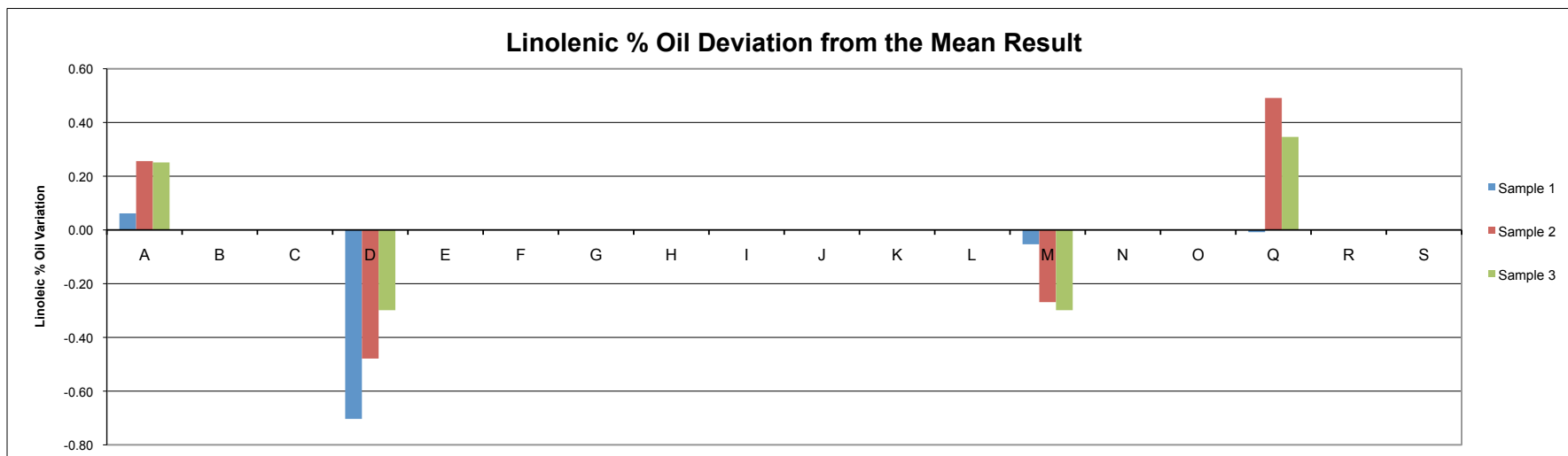
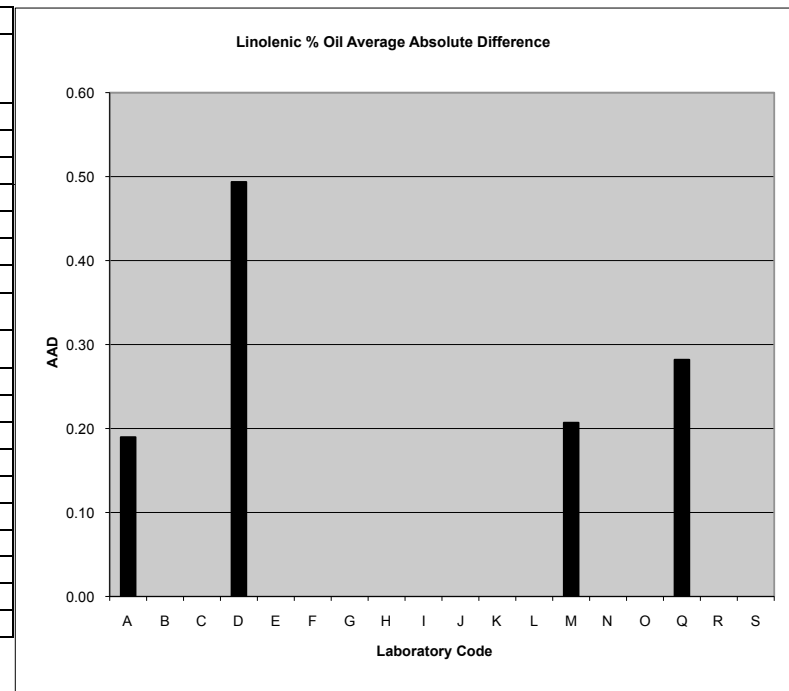
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Linoleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	14.17	0.35	17.96	0.37	20.63	0.16	0.29	0.29
B								
C								
D	13.49	-0.34	17.58	0.00	20.44	-0.03	-0.12	0.12
E								
F	14.12	0.30	18.06	0.48	20.70	0.23	0.34	0.34
G								
H								
I								
J								
K	8.92	-4.90	8.65	-8.93	8.48	-11.99	-8.61	8.61
L								
M	13.99	0.17	16.62	-0.96	20.35	-0.12	-0.30	0.42
N								
O								
Q	12.97	-0.86	17.23	-0.36	19.89	-0.58	-0.60	0.60
R								
S	14.20	0.38	18.05	0.47	20.80	0.33	0.39	0.39
MEAN	13.82		17.58		20.47			1.54
STDEV	0.50		0.57		0.33			



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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	9.42	0.06	9.10	0.26	8.89	0.25	0.19	0.19
B								
C								
D	8.66	-0.70	8.37	-0.48	8.34	-0.30	-0.49	0.49
E								
F								
G								
H								
I								
J								
K								
L								
M	9.31	-0.05	8.58	-0.27	8.34	-0.30	-0.21	0.21
N								
O								
Q	9.35	-0.01	9.34	0.49	8.99	0.35	0.28	0.28
R								
S								
MEAN	9.36		8.84		8.64			0.29
STDEV	0.06		0.45		0.35			



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Free Fatty Acid % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.07	-0.09	0.15	-0.25	0.11	-0.17	-0.17	0.17
B								
C								
D	0.19	0.03	0.31	-0.08	0.27	-0.01	-0.02	0.04
E								
F	0.19	0.03	0.35	-0.05	0.24	-0.04	-0.02	0.04
G								
H								
I								
J	0.24	0.08	0.54	0.14	0.35	0.07	0.10	0.10
K	0.47	0.31	0.70	0.31	0.50	0.21	0.28	0.28
L								
M	0.24	0.08	0.86	0.46	0.52	0.23	0.26	0.26
N								
O	0.11	-0.05	0.28	-0.11	0.18	-0.11	-0.09	0.09
Q	0.18	0.02	0.18	-0.21	0.25	-0.03	-0.07	0.09
R								
S	0.08	-0.08	0.17	-0.22	0.12	-0.16	-0.15	0.15
MEAN	0.16		0.39		0.28			0.13
STDEV	0.07		0.25		0.15			

