



**AOF Test Check Program
Bimonthly Report
Round 1
January – 2017**

Result Receival Dates

Lab Code	Date
A	30-1-2017
B	-
C	-
D	25-1-2017
E	30-1-2017
F	19-1-2017
G	-
H	3-1-2017
I	10-1-2017
J	25-1-2017
K	9-1-2017
L	15-1-2017
M	13-1-2017
N	-
O	31-1-2017
Q	-
R	30-1-2017
S	31-1-2017

Discussion of Results

Test Weight

- Sample 1 – Outlier is observed for **Lab E** with discrepancy of 0.06 kg/hL from upper quatile limit (68.67 kg/hL)
- Sample 2 – Outlier is observed for **Lab K** with discrepancy of 0.54 kg/hL from lower quatile limit (63.90 kg/hL)
- Sample 3 – Outlier is observed for **Lab K** with discrepancy of 0.05 kg/hL from upper quatile limites (69.81 kg/hL)



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Impurities

Sample 1 – No outliers were observed for this test.

Sample 2 – Outliers were observed for Lab **C** and Lab **J**, with Lab **C** on the upper quartile (1.25%) and Lab **J** 0.21% below the lower quartile (0.63%).

Sample 3 – No outliers were observed for this test.

Oil Rapid

No outliers were observed for this test.

Oil Solvent Extraction

No outliers were observed for this test.

Lab M submitted results for sample 3, without sample 1 and sample 2.

Moisture Oven

Sample 1 – No outliers were observed for this test.

Sample 2 – Outliers were observed for Lab D and Lab J, with 0.09 % below lower quartile (5.04%) and 0.25 above upper quartile (5.60 %).

Sample 3 – No outliers were observed for this test.

Moisture Rapid

No outliers were observed for this test.

Oleic acid

No outliers were observed for this test.

Linoleic acid

Lab D, Sample 3 with outlier 0.08 % below lower quartile limit (20.69 %)



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Linolenic acid

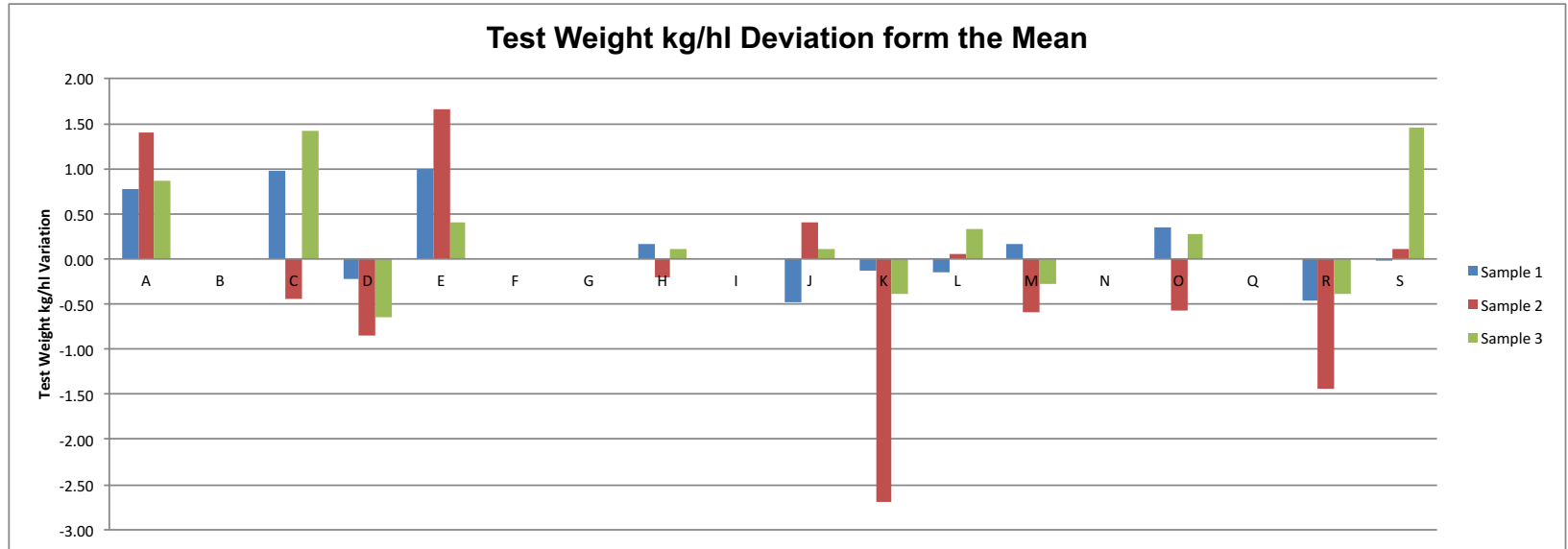
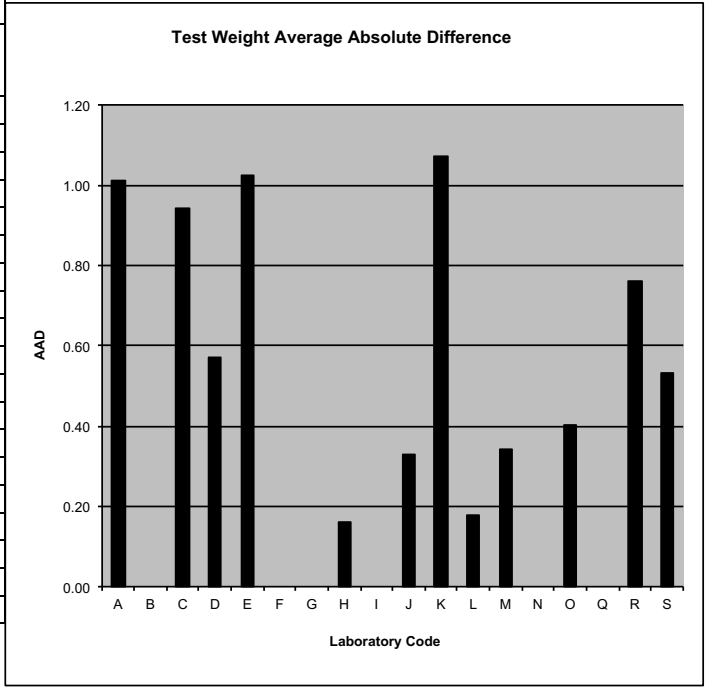
Lab D, Sample 3 with outlier 0.09 % below lower quatile limit (7.31 %)

Free Fatty Acid

No outliers were observed for this test.

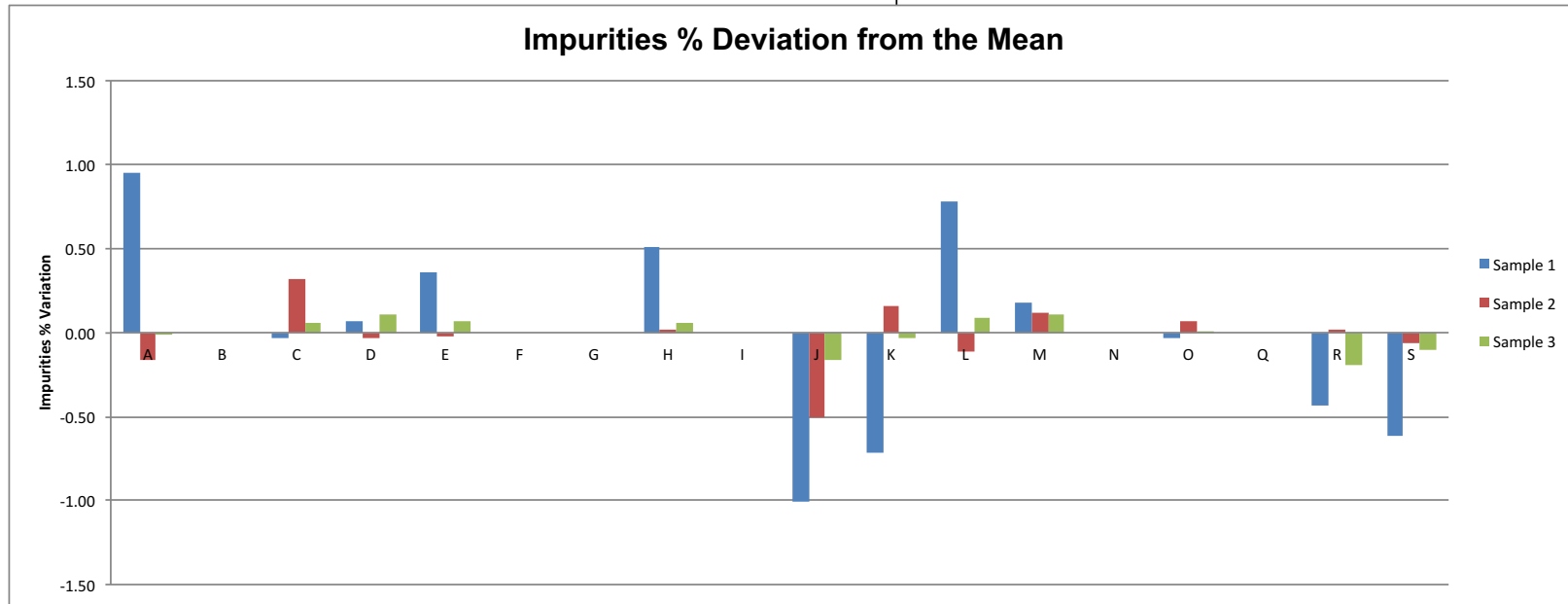
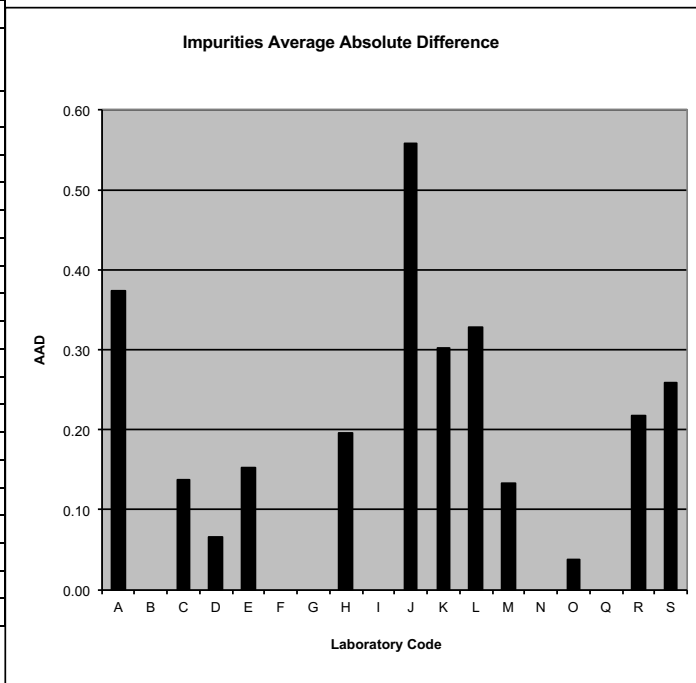
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Test Weight kg/hl								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	68.50	0.77	68.00	1.40	69.25	0.86	1.01	1.01
B								
C	68.70	0.97	66.15	-0.45	69.80	1.41	0.65	0.94
D	67.50	-0.23	65.75	-0.85	67.75	-0.64	-0.57	0.57
E	68.73	1.00	68.26	1.66	68.80	0.41	1.02	1.02
F								
G								
H	67.90	0.17	66.40	-0.20	68.50	0.11	0.03	0.16
I								
J	67.25	-0.48	67.00	0.40	68.50	0.11	0.01	0.33
K	67.60	-0.13	63.90	-2.70	68.00	-0.39	-1.07	1.07
L	67.58	-0.15	66.66	0.06	68.71	0.32	0.08	0.18
M	67.90	0.17	66.02	-0.58	68.11	-0.28	-0.23	0.34
N								
O	68.08	0.35	66.03	-0.57	68.67	0.28	0.02	0.40
Q								
R	67.26	-0.47	65.16	-1.44	68.00	-0.39	-0.76	0.76
S	67.70	-0.03	66.70	0.10	69.85	1.46	0.51	0.53
MEAN	67.73		66.60		68.39			0.61
STDEV	0.38		0.96		0.47			



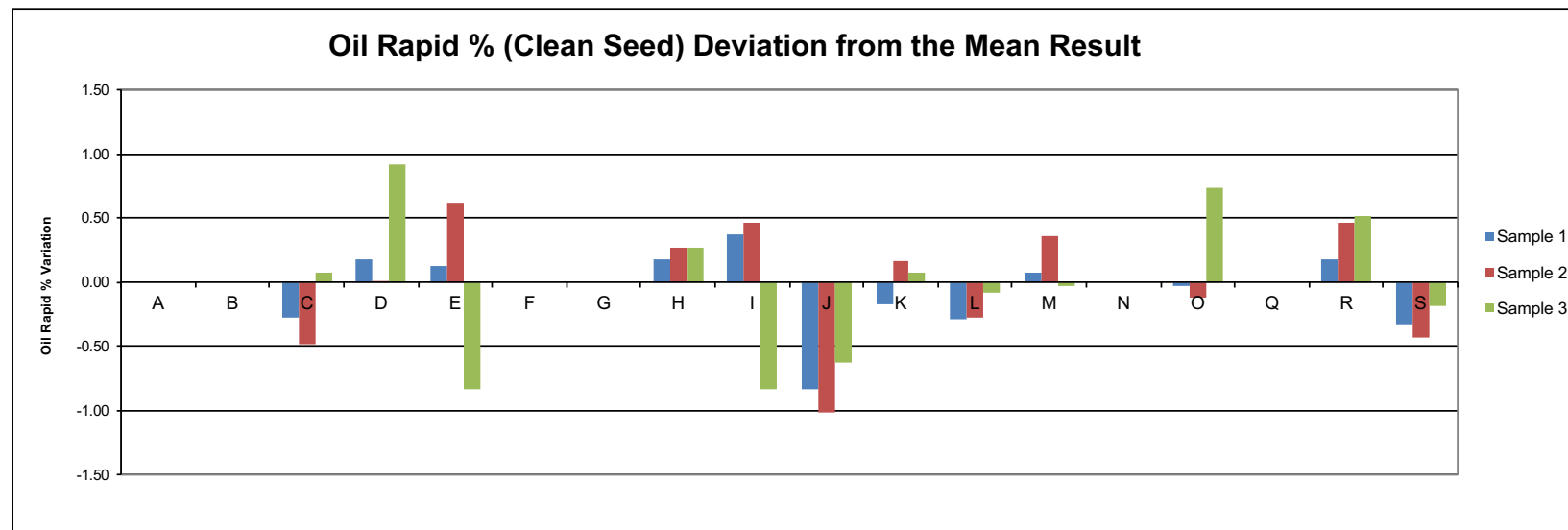
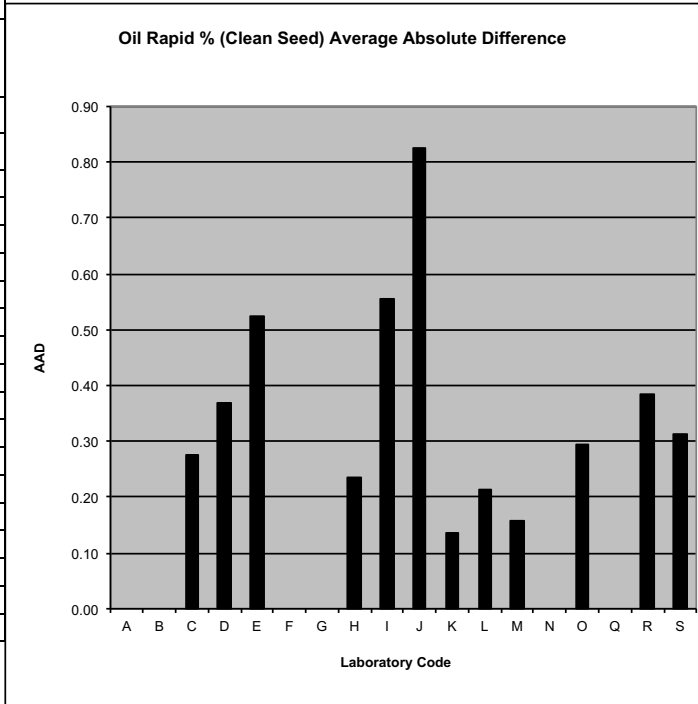
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Lab	Impurities %						Mean of Differences	Average Absolute Difference
	Sample 1		Sample 2		Sample 3			
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	2.49	0.95	0.77	-0.16	0.48	-0.01	0.26	0.37
B								
C	1.50	-0.04	1.25	0.32	0.55	0.06	0.11	0.14
D	1.60	0.06	0.90	-0.03	0.60	0.11	0.05	0.07
E	1.90	0.36	0.91	-0.02	0.57	0.07	0.14	0.15
F								
G								
H	2.05	0.51	0.95	0.02	0.55	0.06	0.20	0.20
I								
J	0.53	-1.01	0.42	-0.51	0.34	-0.16	-0.56	0.56
K	0.82	-0.72	1.09	0.16	0.47	-0.03	-0.19	0.30
L	2.32	0.78	0.82	-0.11	0.58	0.09	0.25	0.33
M	1.71	0.17	1.05	0.12	0.61	0.11	0.13	0.13
N								
O	1.50	-0.04	1.00	0.07	0.50	0.01	0.01	0.04
Q								
R	1.10	-0.44	0.95	0.02	0.30	-0.19	-0.20	0.22
S	0.92	-0.62	0.87	-0.06	0.40	-0.10	-0.26	0.26
MEAN	1.54		0.93		0.49			0.23
STDEV	0.61		0.10		0.10			



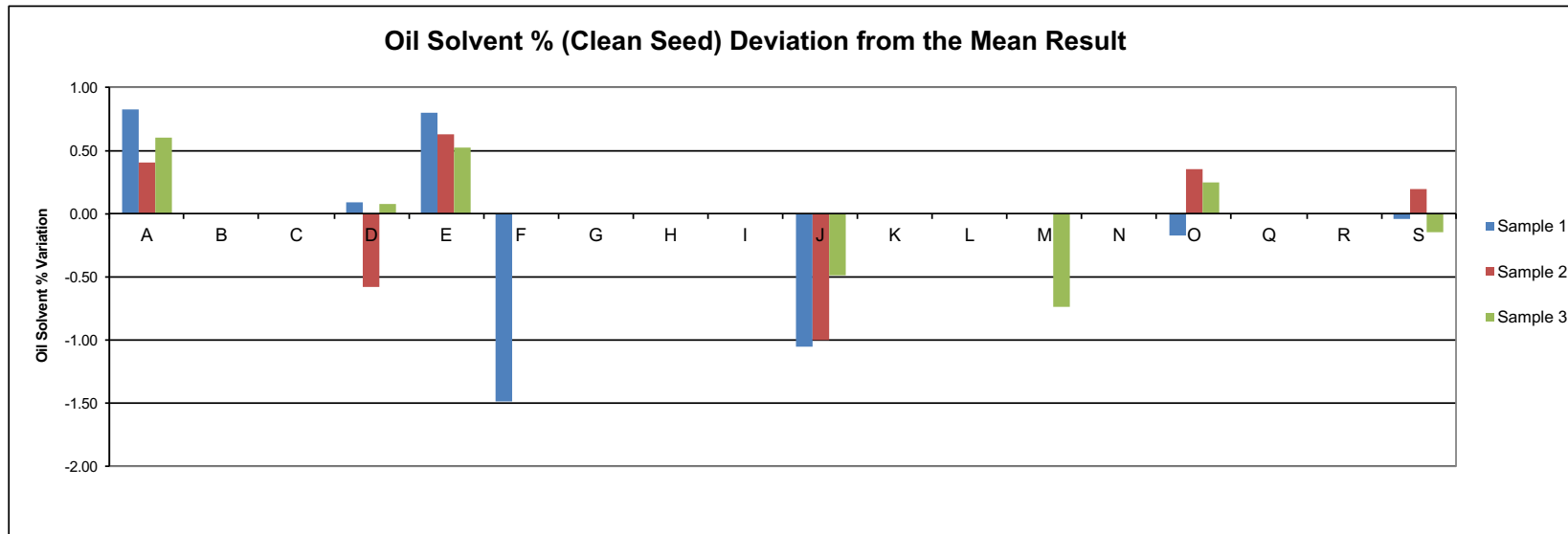
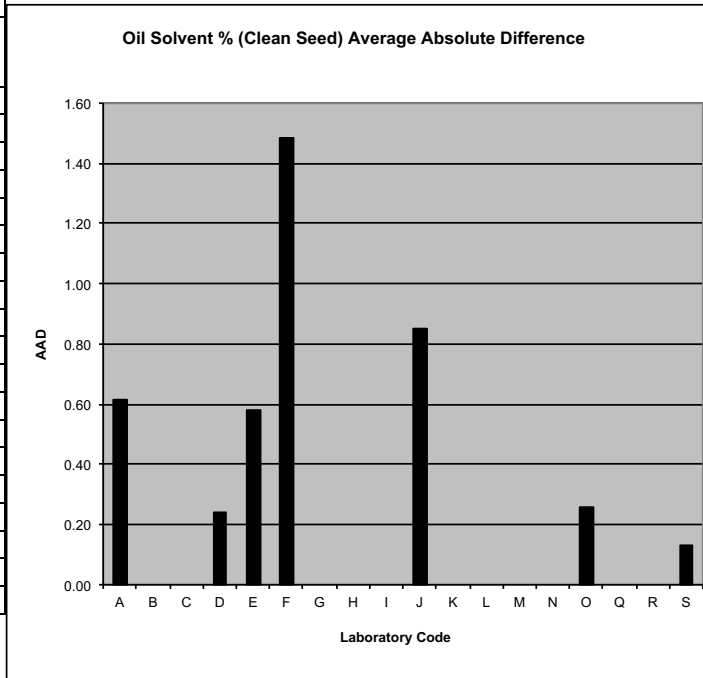
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Oil Rapid % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C	41.75	-0.28	46.85	-0.49	46.15	0.07	-0.23	0.28
D	42.20	0.17	47.35	0.01	47.00	0.92	0.37	0.37
E	42.15	0.12	47.95	0.61	45.25	-0.83	-0.03	0.52
F								
G								
H	42.20	0.17	47.60	0.26	46.35	0.27	0.24	0.24
I	42.40	0.37	47.80	0.46	45.25	-0.83	0.00	0.56
J	41.19	-0.84	46.33	-1.01	45.45	-0.63	-0.83	0.83
K	41.85	-0.18	47.50	0.16	46.15	0.07	0.02	0.14
L	41.74	-0.29	47.06	-0.28	46.01	-0.08	-0.21	0.21
M	42.10	0.07	47.70	0.36	46.05	-0.03	0.14	0.16
N								
O	42.00	-0.03	47.22	-0.12	46.82	0.73	0.19	0.30
Q								
R	42.20	0.17	47.80	0.46	46.60	0.52	0.39	0.39
S	41.70	-0.33	46.90	-0.44	45.90	-0.18	-0.31	0.31
MEAN	42.03		47.34		46.08			0.36
STDEV	0.23		0.51		0.57			



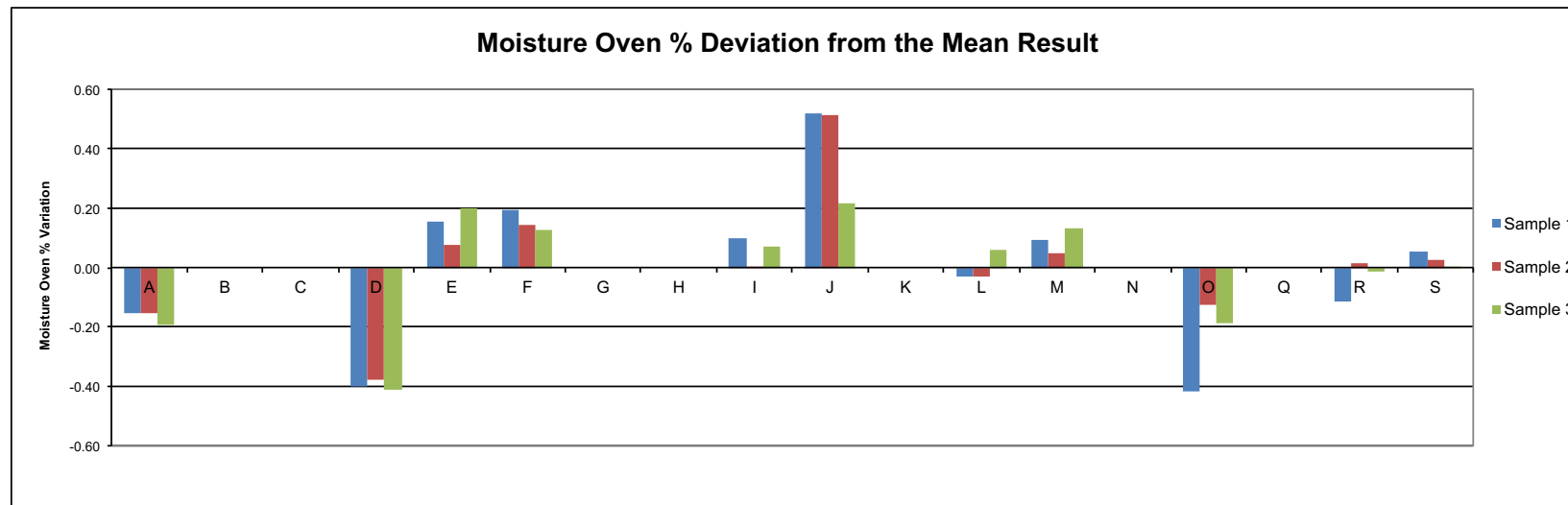
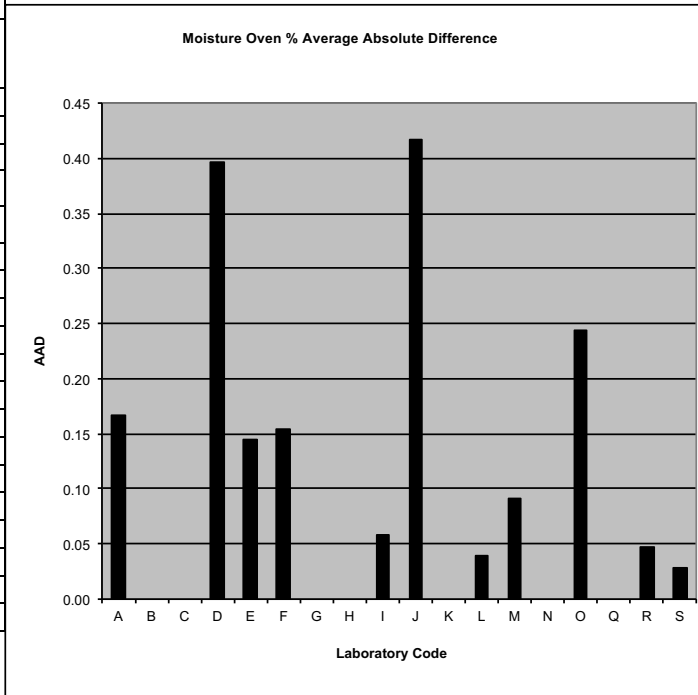
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Oil Solvent % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	42.83	0.83	47.22	0.41	46.40	0.60	0.61	0.61
B								
C								
D	42.08	0.08	46.23	-0.58	45.87	0.07	-0.14	0.24
E	42.80	0.80	47.44	0.63	46.32	0.53	0.58	0.58
F	40.51	-1.49					-1.49	1.49
G								
H								
I								
J	40.95	-1.05	45.80	-1.01	45.30	-0.49	-0.85	0.85
K								
L								
M					45.06	-0.74		
N								
O	41.83	-0.17	47.16	0.35	46.05	0.25	0.14	0.26
Q								
R								
S	41.95	-0.05	47.00	0.19	45.65	-0.14	0.00	0.13
MEAN	42.00		46.81		45.79			0.59
STDEV	0.85		0.64		0.55			



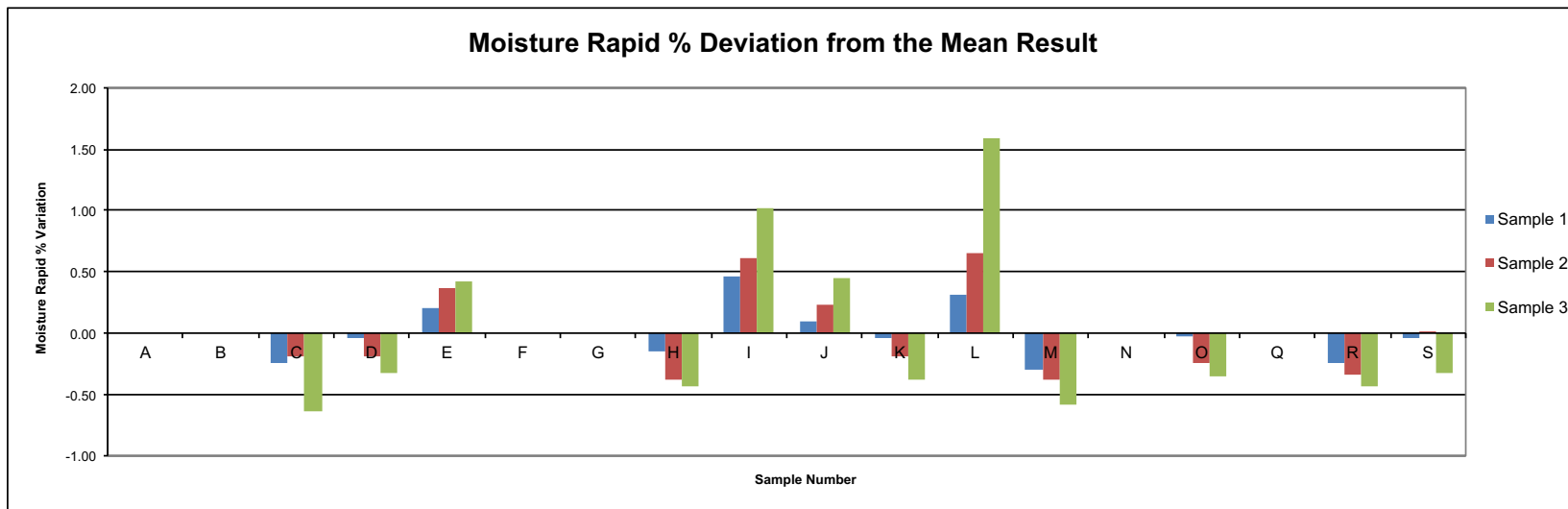
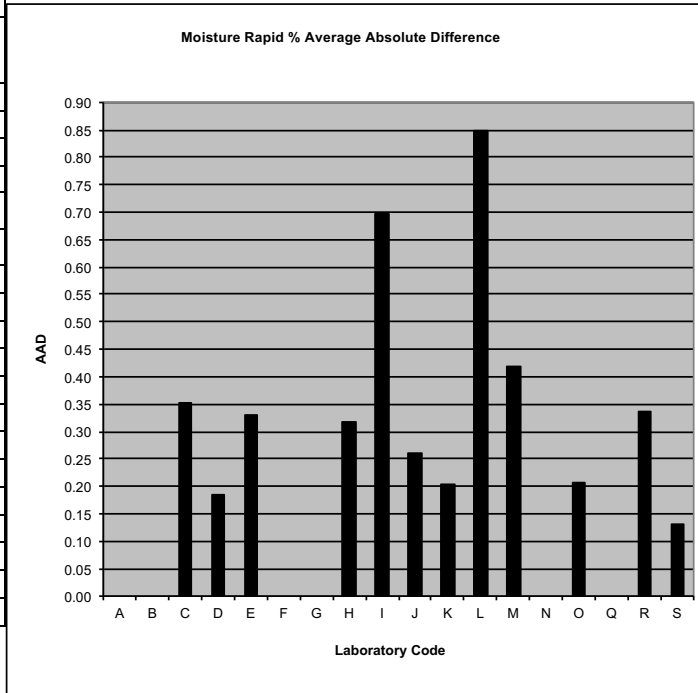
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Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	6.39	-0.16	5.17	-0.15	5.91	-0.19	-0.17	0.17
B								
C								
D	6.15	-0.40	4.95	-0.38	5.69	-0.41	-0.40	0.40
E	6.70	0.15	5.40	0.08	6.30	0.20	0.14	0.14
F	6.74	0.19	5.47	0.14	6.23	0.13	0.15	0.15
G								
H								
I	6.65	0.10	5.33	0.00	6.17	0.07	0.06	0.06
J	7.07	0.52	5.84	0.51	6.32	0.22	0.42	0.42
K								
L	6.52	-0.03	5.29	-0.03	6.16	0.06	0.00	0.04
M	6.64	0.09	5.37	0.05	6.23	0.13	0.09	0.09
N								
O	6.13	-0.42	5.20	-0.13	5.91	-0.19	-0.24	0.24
Q								
R	6.43	-0.12	5.34	0.01	6.09	-0.01	-0.04	0.05
S	6.60	0.05	5.35	0.03	6.10	0.00	0.03	0.03
MEAN	6.55		5.32		6.10			0.16
STDEV	0.27		0.09		0.19			



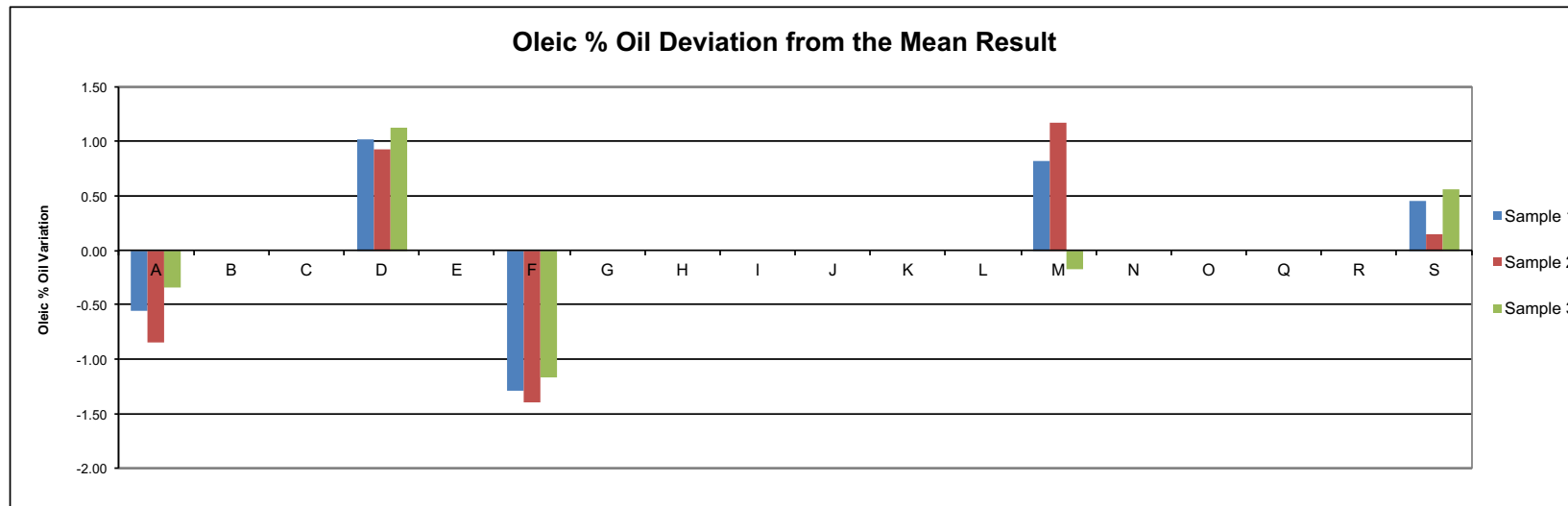
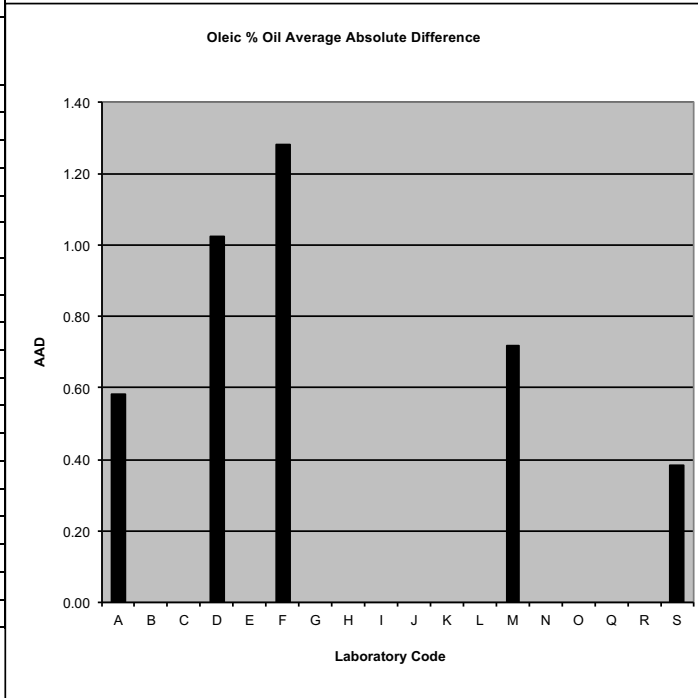
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Moisture Rapid % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C	6.20	-0.24	4.95	-0.18	4.95	-0.63	-0.35	0.35
D	6.40	-0.04	4.95	-0.18	5.25	-0.33	-0.19	0.19
E	6.65	0.21	5.50	0.37	6.00	0.42	0.33	0.33
F								
G								
H	6.30	-0.14	4.75	-0.38	5.15	-0.43	-0.32	0.32
I	6.90	0.46	5.75	0.62	6.60	1.02	0.70	0.70
J	6.54	0.09	5.37	0.23	6.04	0.45	0.26	0.26
K	6.40	-0.04	4.95	-0.18	5.20	-0.38	-0.20	0.20
L	6.75	0.31	5.79	0.66	7.17	1.58	0.85	0.85
M	6.15	-0.29	4.75	-0.38	5.00	-0.58	-0.42	0.42
N								
O	6.42	-0.02	4.90	-0.24	5.23	-0.36	-0.21	0.21
Q								
R	6.20	-0.24	4.80	-0.33	5.15	-0.43	-0.34	0.34
S	6.40	-0.04	5.15	0.02	5.25	-0.33	-0.12	0.13
MEAN	6.44		5.13		5.58			0.36
STDEV	0.23		0.38		0.71			



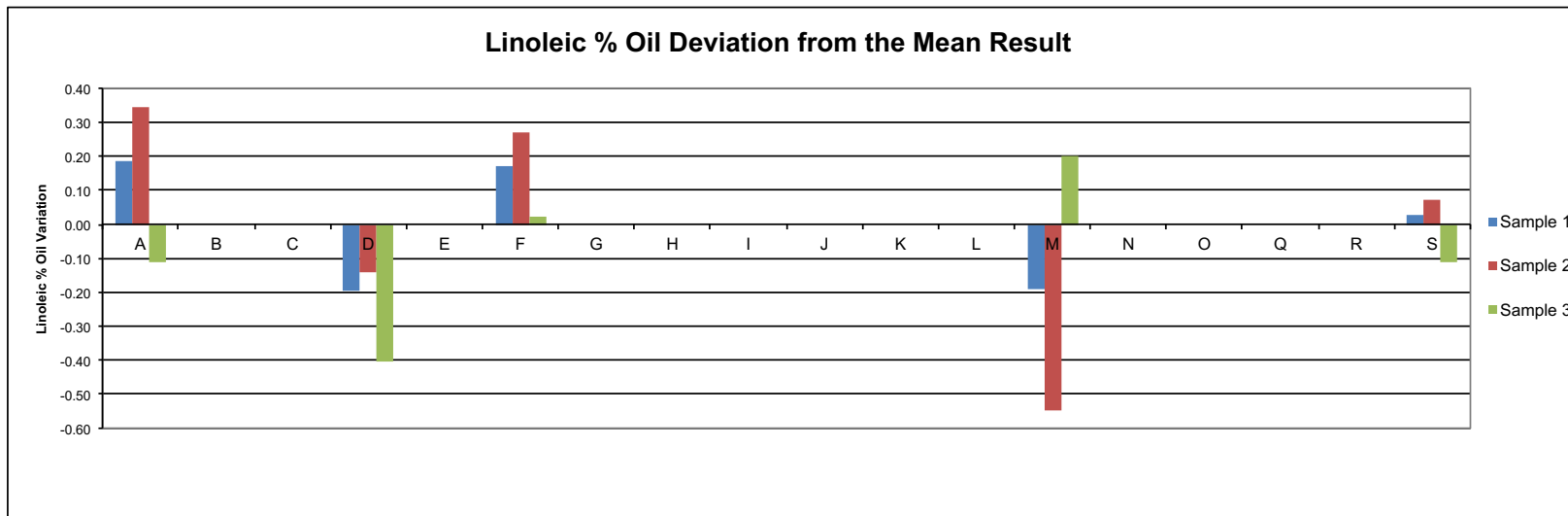
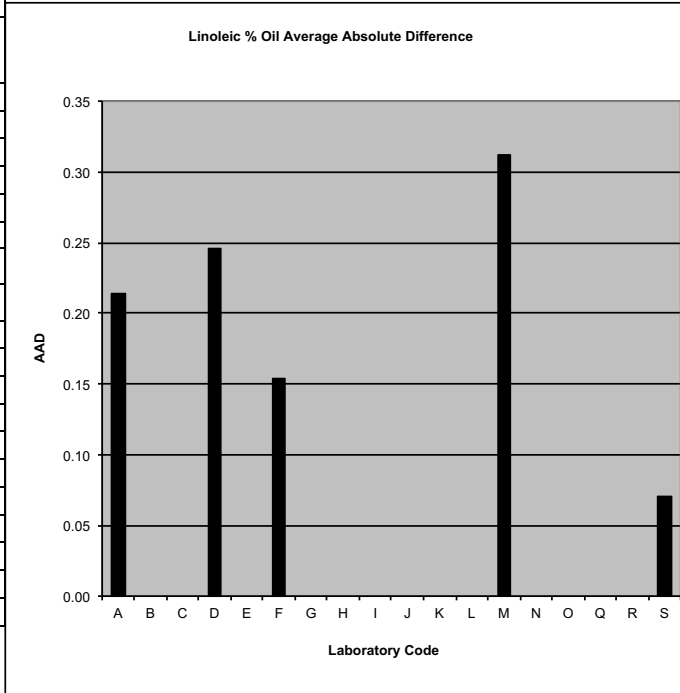
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Oleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	62.34	-0.56	70.36	-0.85	62.55	-0.35	-0.58	0.58
B								
C								
D	63.92	1.02	72.14	0.93	64.02	1.12	1.03	1.03
E								
F	61.61	-1.29	69.82	-1.39	61.73	-1.17	-1.28	1.28
G								
H								
I								
J								
K								
L								
M	63.72	0.82	72.37	1.16	62.72	-0.17	0.61	0.72
N								
O								
Q								
R								
S	63.35	0.45	71.35	0.14	63.45	0.56	0.39	0.39
MEAN	62.90		71.21		62.89			0.80
STDEV	1.11		1.11		0.88			



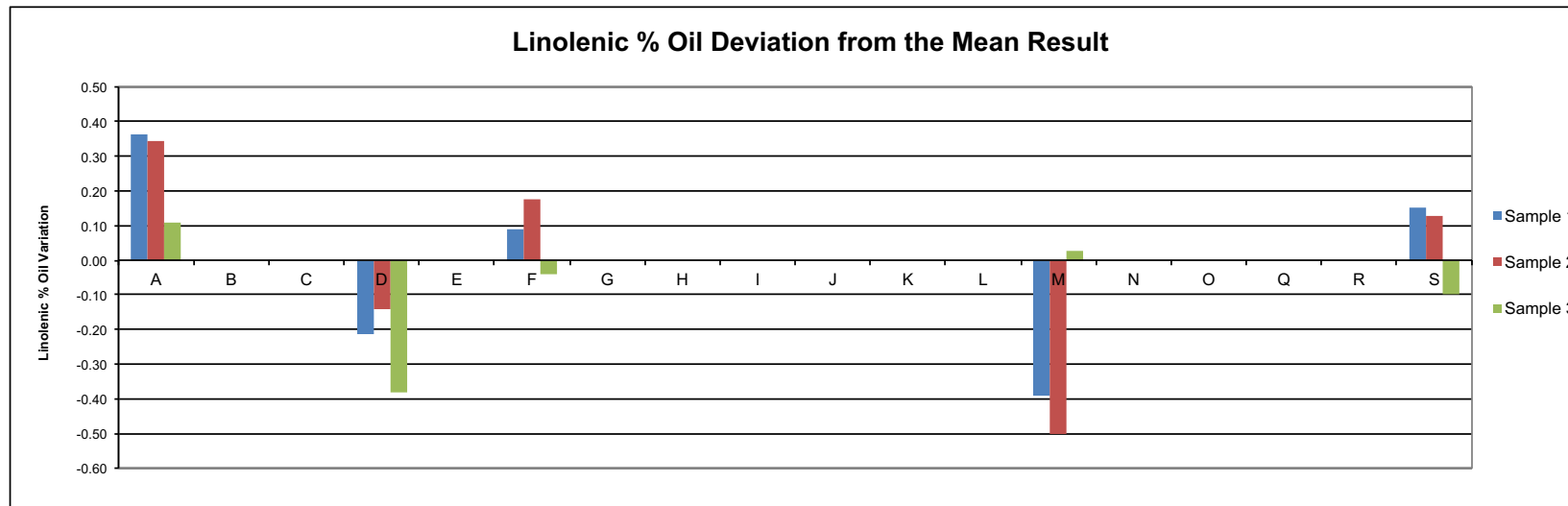
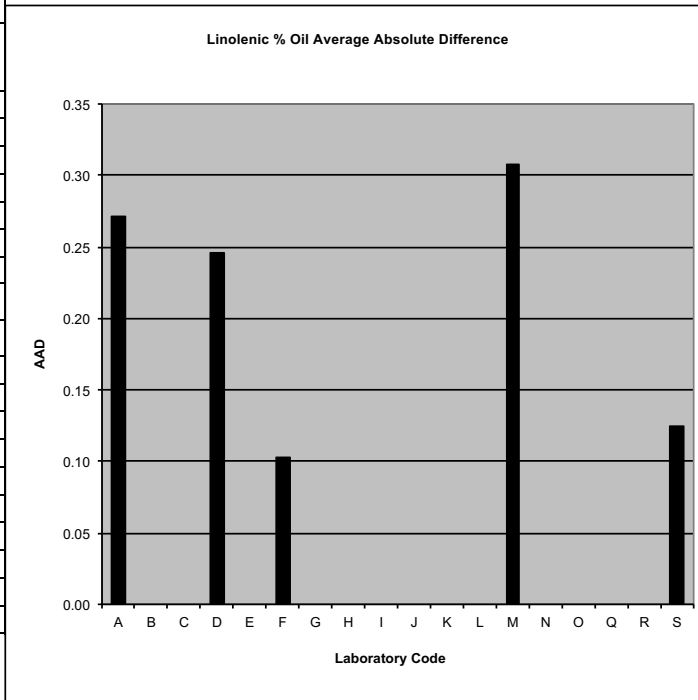
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Linoleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	18.81	0.19	13.92	0.34	20.90	-0.11	0.14	0.21
B								
C								
D	18.43	-0.19	13.44	-0.14	20.61	-0.40	-0.25	0.25
E								
F	18.80	0.17	13.85	0.27	21.04	0.02	0.15	0.15
G								
H								
I								
J								
K								
L								
M	18.44	-0.19	13.03	-0.55	21.22	0.20	-0.18	0.31
N								
O								
Q								
R								
S	18.65	0.03	13.65	0.07	20.90	-0.11	0.00	0.07
MEAN	18.62		13.58		21.01			0.20
STDEV	0.19		0.36		0.15			



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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	9.82	0.37	7.07	0.34	7.71	0.11	0.27	0.27
B								
C								
D	9.24	-0.22	6.58	-0.14	7.22	-0.38	-0.25	0.25
E								
F	9.54	0.09	6.90	0.18	7.56	-0.04	0.08	0.10
G								
H								
I								
J								
K								
L								
M	9.06	-0.39	6.22	-0.50	7.63	0.03	-0.29	0.31
N								
O								
Q								
R								
S	9.60	0.15	6.85	0.13	7.50	-0.10	0.06	0.12
MEAN	9.45		6.72		7.60			0.21
STDEV	0.30		0.33		0.09			



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Free Fatty Acid % 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	0.10	-0.09	0.04	-0.09	0.06	-0.11	-0.10	0.10
B								
C								
D	0.27	0.07	0.23	0.10	0.21	0.04	0.07	0.07
E								
F	0.26	0.07	0.18	0.05	0.22	0.05	0.05	0.05
G								
H								
I								
J	0.56	0.37	0.18	0.05	0.30	0.13	0.18	0.18
K								
L								
M	0.30	0.11	0.11	-0.02	0.21	0.04	0.04	0.05
N								
O	0.14	-0.06	0.09	-0.04	0.09	-0.08	-0.06	0.06
Q								
R								
S	0.10	-0.10	0.08	-0.05	0.09	-0.08	-0.07	0.07
MEAN	0.19		0.13		0.17			0.08
STDEV	0.09		0.07		0.09			

