



08/09 AOF Test Check Program Monthly Report  
Round 4  
Mar-09

5/03/2009 - 2/04/2009

Result Receiving Dates

Lab Code	Date
J	10-Mar-09
L	13-Mar-09
K	19-Mar-09
E	17-Mar-09
M	19-Mar-09
I	20-Mar-09
N	20-Mar-09
A	24-Mar-09
F	1-Apr-09
D	2-Apr-09
H	3-Apr-09
G	4-Apr-09
B	Not received
C	Not received
O	Not received

Discussion of Results

**Test Weight**

Lab K submitted results significantly lower than the mean for sample 2 and 3 and produced the highest absolute average differences of 1.34. Lab F recorded an outlier for sample 3 with a mean difference of 0.79.

**Impurities**

No outliers were produced by the participating laboratories for this method. Lab A produced the highest average absolute difference of 0.58.

**Oil Rapid**

No outliers were produced by the participating laboratories for this method.

Lab H submitted results lower than the mean for all three samples and generated the highest average absolute difference of 0.97.

**Oil Solvent**

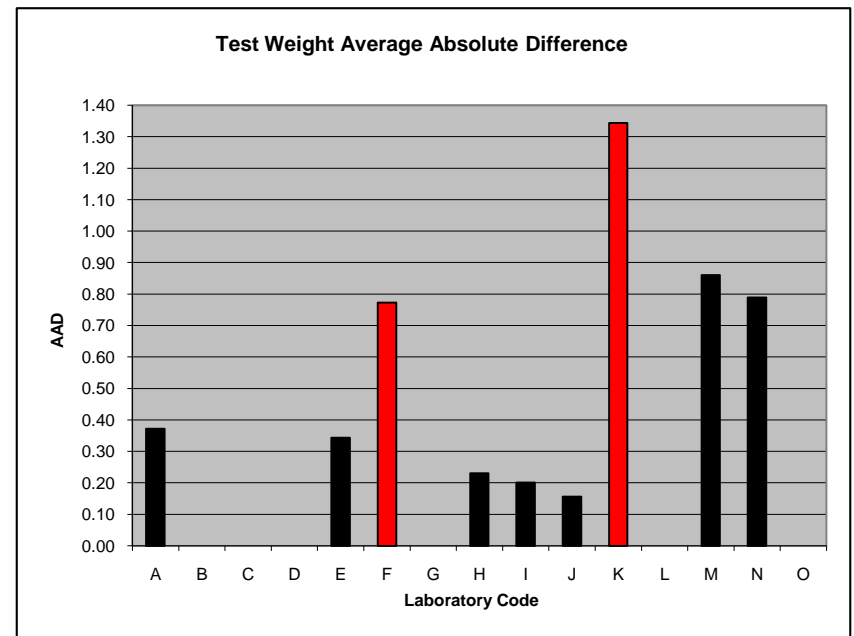
No outliers were produced by the participating laboratories for this method.

Lab G submitted results lower than the mean for all three samples and generated the highest average absolute difference of 2.17. Lab L generated the second highest average absolute difference of 1.81.

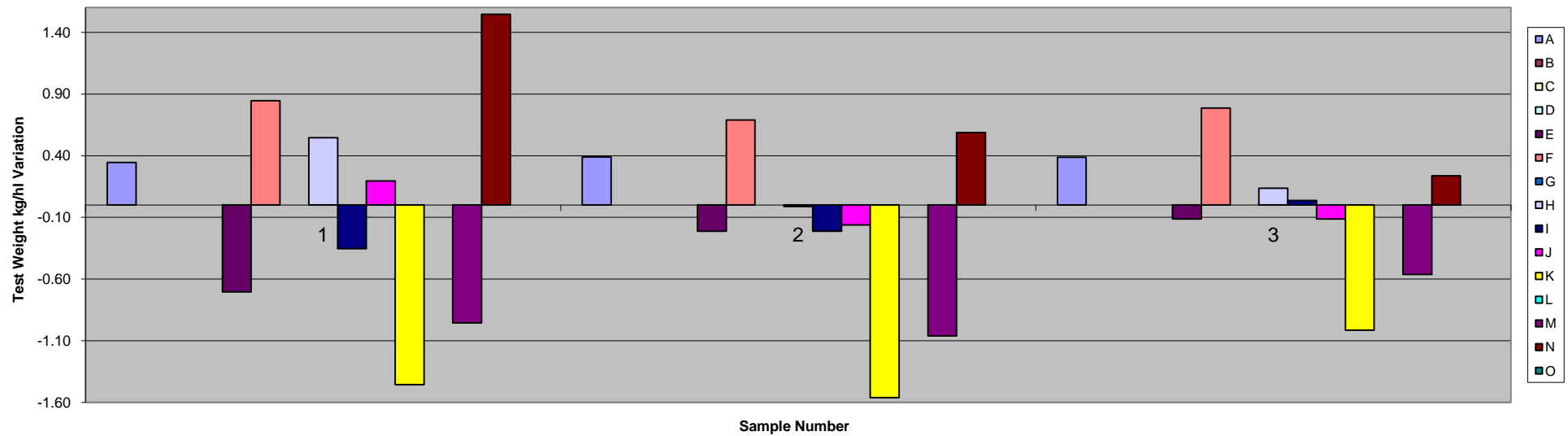


**AOF Test Check Program March 2008/2009**

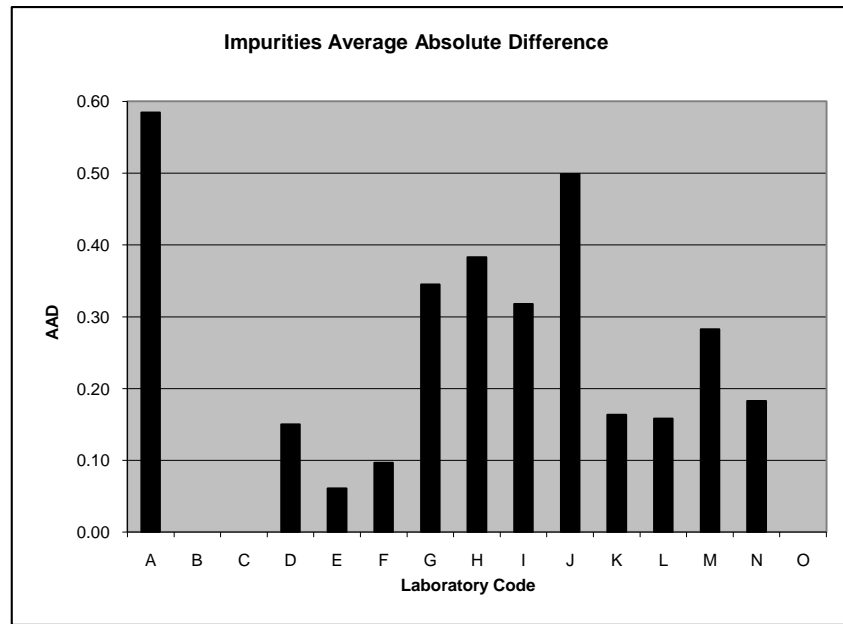
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	69.50	0.34	69.70	0.39	69.60	0.39	0.37	0.37
B								
C								
D								
E	68.45	-0.71	69.10	-0.21	69.10	-0.11	-0.34	0.34
F	70.00	0.84	70.00	0.69	70.00	0.79	0.77	0.77
G								
H	69.70	0.54	69.30	-0.01	69.35	0.14	0.22	0.23
I	68.80	-0.36	69.10	-0.21	69.25	0.04	-0.18	0.20
J	69.35	0.19	69.15	-0.16	69.10	-0.11	-0.03	0.16
K	67.70	-1.46	67.75	-1.56	68.20	-1.01	-1.34	1.34
L								
M	68.20	-0.96	68.25	-1.06	68.65	-0.56	-0.86	0.86
N	70.70	1.54	69.90	0.59	69.45	0.24	0.79	0.79
O								
<b>MEAN</b>	<b>69.16</b>		<b>69.31</b>		<b>69.21</b>			<b>0.56</b>
<b>STDEV</b>	<b>0.95</b>		<b>0.56</b>		<b>0.31</b>			



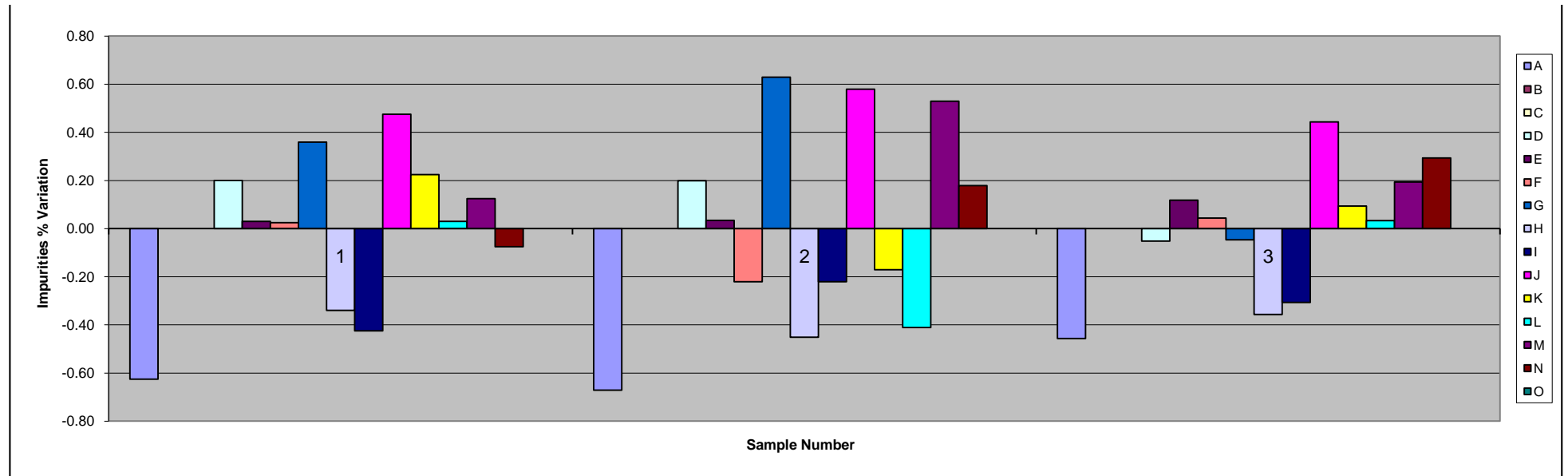
**Test Weight kg/hl Deviation from the Mean**



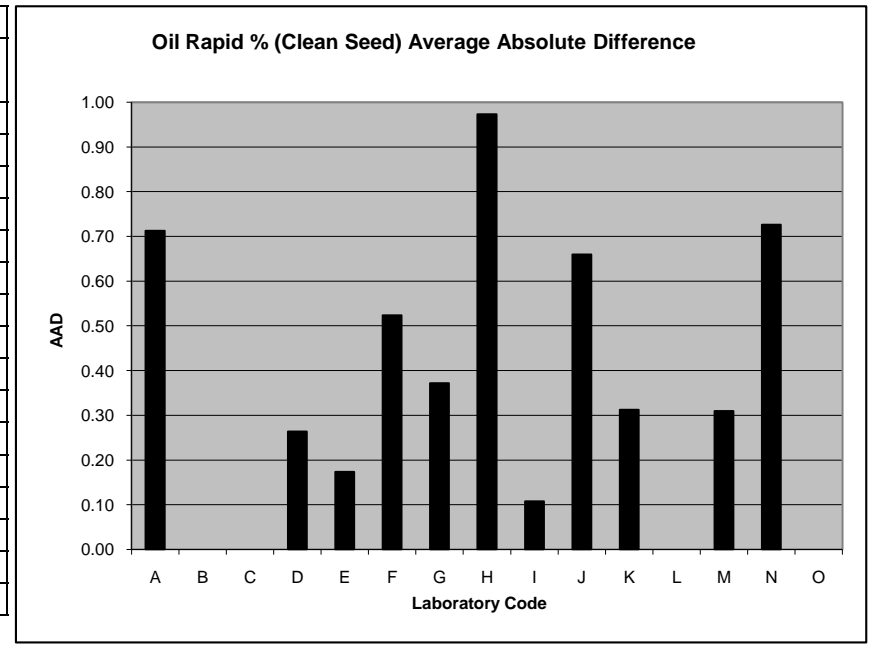
Impurities %								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	0.35	-0.63	0.65	-0.67	0.70	-0.46	-0.58	0.58
B								
C								
D	1.18	0.20	1.52	0.20	1.11	-0.05	0.12	0.15
E	1.01	0.03	1.36	0.03	1.28	0.12	0.06	0.06
F	1.00	0.02	1.10	-0.22	1.20	0.04	-0.05	0.10
G	1.34	0.36	1.95	0.63	1.11	-0.05	0.31	0.35
H	0.64	-0.34	0.87	-0.45	0.80	-0.36	-0.38	0.38
I	0.55	-0.43	1.10	-0.22	0.85	-0.31	-0.32	0.32
J	1.45	0.47	1.90	0.58	1.60	0.44	0.50	0.50
K	1.20	0.22	1.15	-0.17	1.25	0.09	0.05	0.16
L	1.01	0.03	0.91	-0.41	1.19	0.03	-0.12	0.16
M	1.10	0.12	1.85	0.53	1.35	0.19	0.28	0.28
N	0.90	-0.08	1.50	0.18	1.45	0.29	0.13	0.18
O								
<b>MEAN</b>	<b>0.98</b>		<b>1.32</b>		<b>1.16</b>			<b>0.27</b>
<b>STDEV</b>	<b>0.32</b>		<b>0.43</b>		<b>0.27</b>			



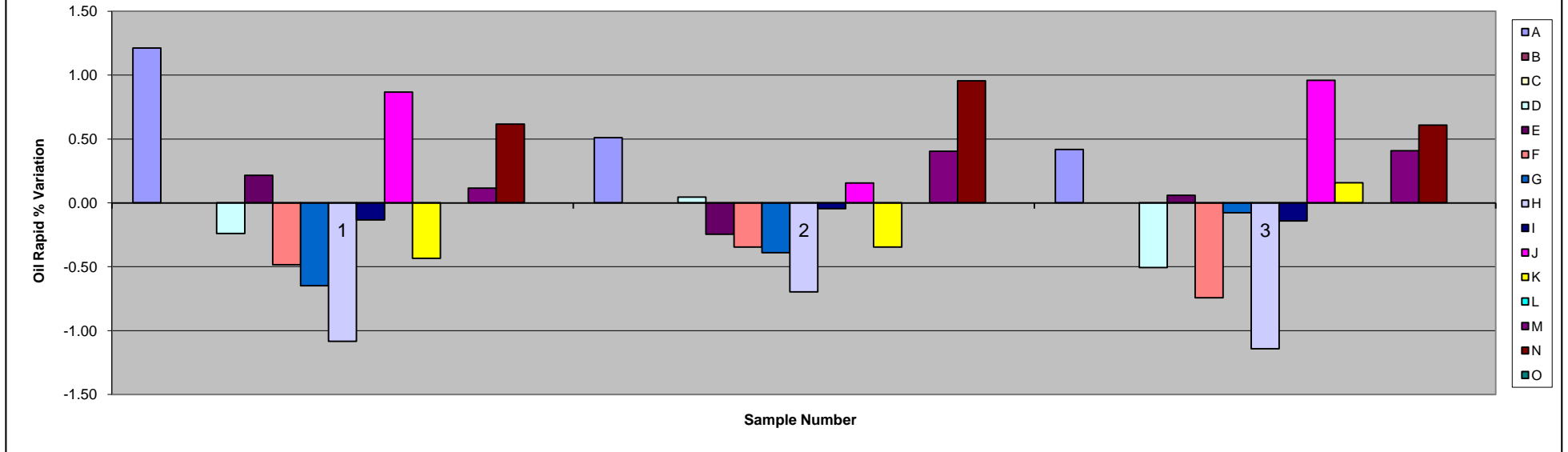
Impurities % Deviation from the Mean Result



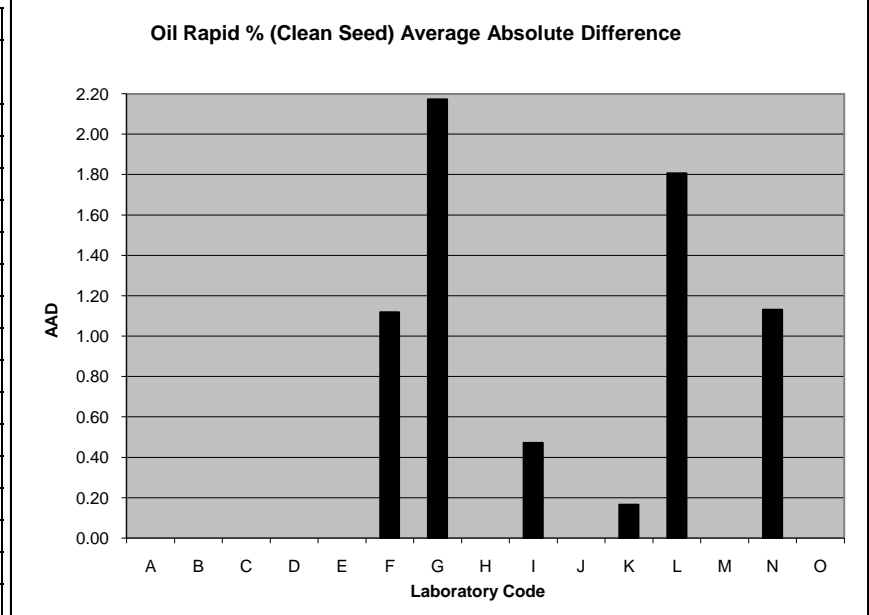
Oil Rapid % (Clean Seed) Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	41.00	1.21	41.21	0.51	39.91	0.42	0.71	0.71
B								
C								
D	39.55	-0.24	40.74	0.04	38.99	-0.51	-0.23	0.26
E	40.00	0.22	40.45	-0.25	39.55	0.06	0.01	0.17
F	39.30	-0.48	40.35	-0.35	38.75	-0.74	-0.52	0.52
G	39.14	-0.65	40.31	-0.39	39.42	-0.08	-0.37	0.37
H	38.70	-1.08	40.00	-0.70	38.35	-1.14	-0.97	0.97
I	39.65	-0.13	40.65	-0.05	39.35	-0.14	-0.11	0.11
J	40.65	0.87	40.85	0.15	40.45	0.96	0.66	0.66
K	39.35	-0.43	40.35	-0.35	39.65	0.16	-0.21	0.31
L								
M	39.90	0.12	41.10	0.40	39.90	0.41	0.31	0.31
N	40.40	0.62	41.65	0.95	40.10	0.61	0.73	0.73
O								
<b>MEAN</b>	<b>39.78</b>		<b>40.70</b>		<b>39.49</b>			<b>0.47</b>
<b>STDEV</b>	<b>0.69</b>		<b>0.48</b>		<b>0.62</b>			



**Oil Rapid % (Clean Seed) Deviation from the mean Result**



Oil Solvent % (Clean Seed) 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								
B								
C								
D								
E								
F	38.07	-0.81	38.87	-1.07	37.14	-1.47	-1.12	1.12
G	35.81	-3.08	38.59	-1.35	36.52	-2.09	-2.17	2.17
H								
I	39.43	0.55	40.04	0.10	39.37	0.77	0.47	0.47
J								
K	38.93	0.04	39.52	-0.42	38.63	0.03	-0.12	0.16
L	40.85	1.97	41.50	1.56	40.50	1.90	1.81	1.81
M								
N	40.23	1.35	41.14	1.20	39.45	0.85	1.13	1.13
O								
<b>MEAN</b>	<b>38.89</b>		<b>39.94</b>		<b>38.60</b>			<b>1.14</b>



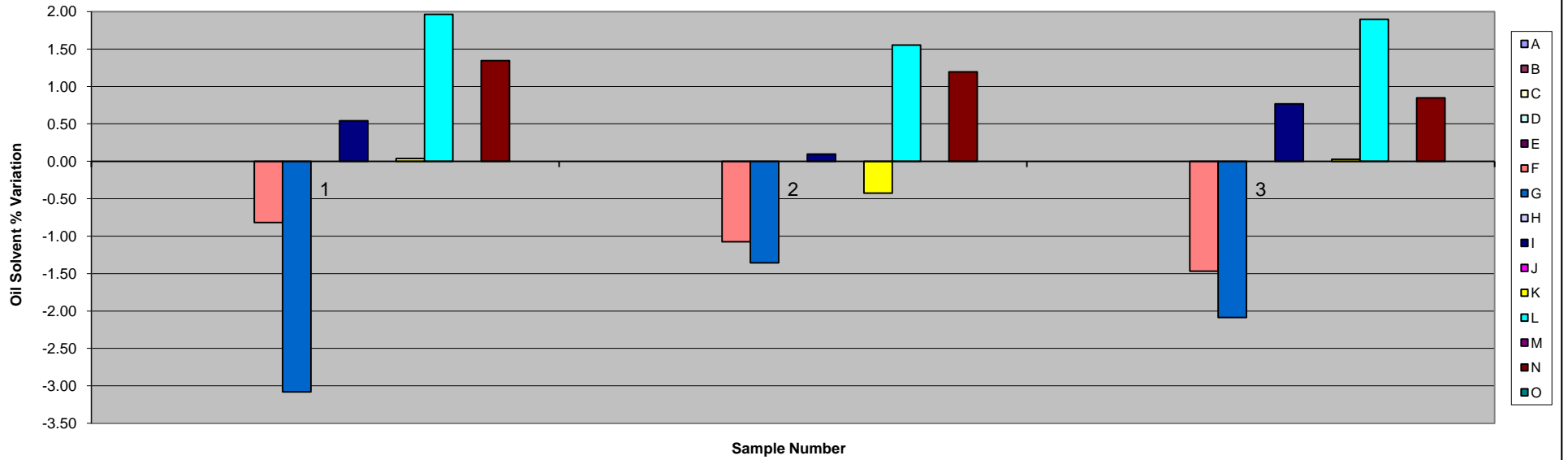
STDEV

1.80

1.19

1.51

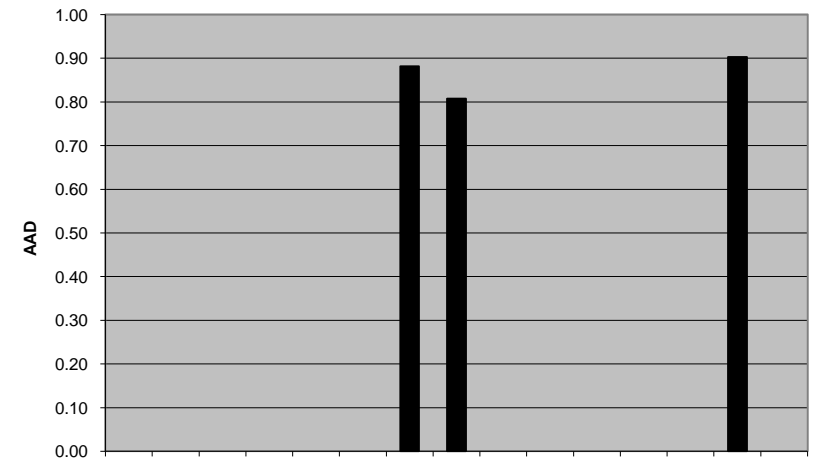
Oil Solvent % (Clean Seed) Deviation from the Mean Result



Oil Solvent Reference % (Clean Seed) Deviation from the Mean

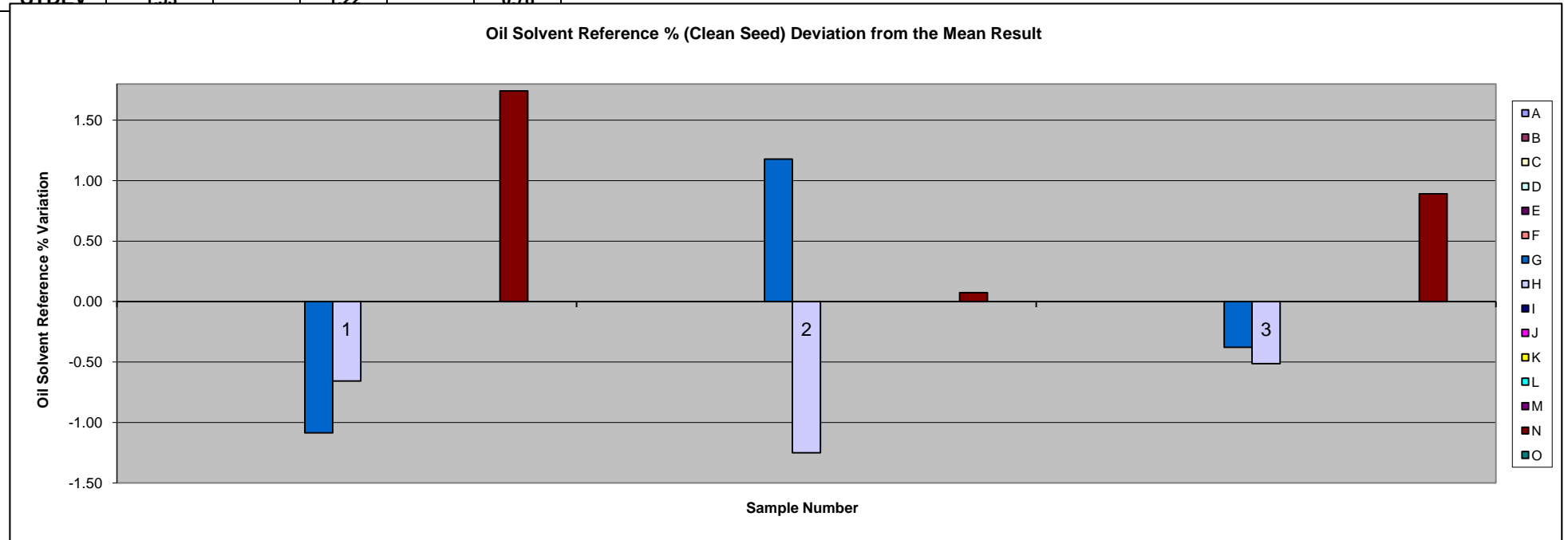
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C								
D								
E								
F								
G	37.37	-1.09	42.18	1.18	38.14	-0.38	-0.10	0.88
H	37.80	-0.66	39.75	-1.25	38.00	-0.51	-0.81	0.81
I								
J								
K								
L								
M								
N	40.20	1.74	41.08	0.07	39.41	0.89	0.90	0.90

Oil Solvent Reference % (Clean Seed) Average Absolute Difference



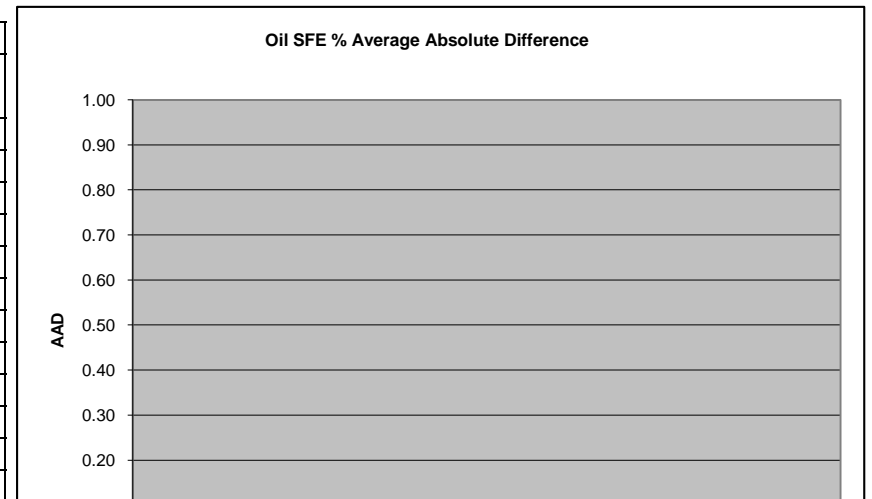
<b>O</b>							
<b>MEAN</b>	38.46	41.00	38.51	0.86			
<b>STDEV</b>	1.53	1.22	0.78				

A B C D E F G H I J K L M N O  
Laboratory Code

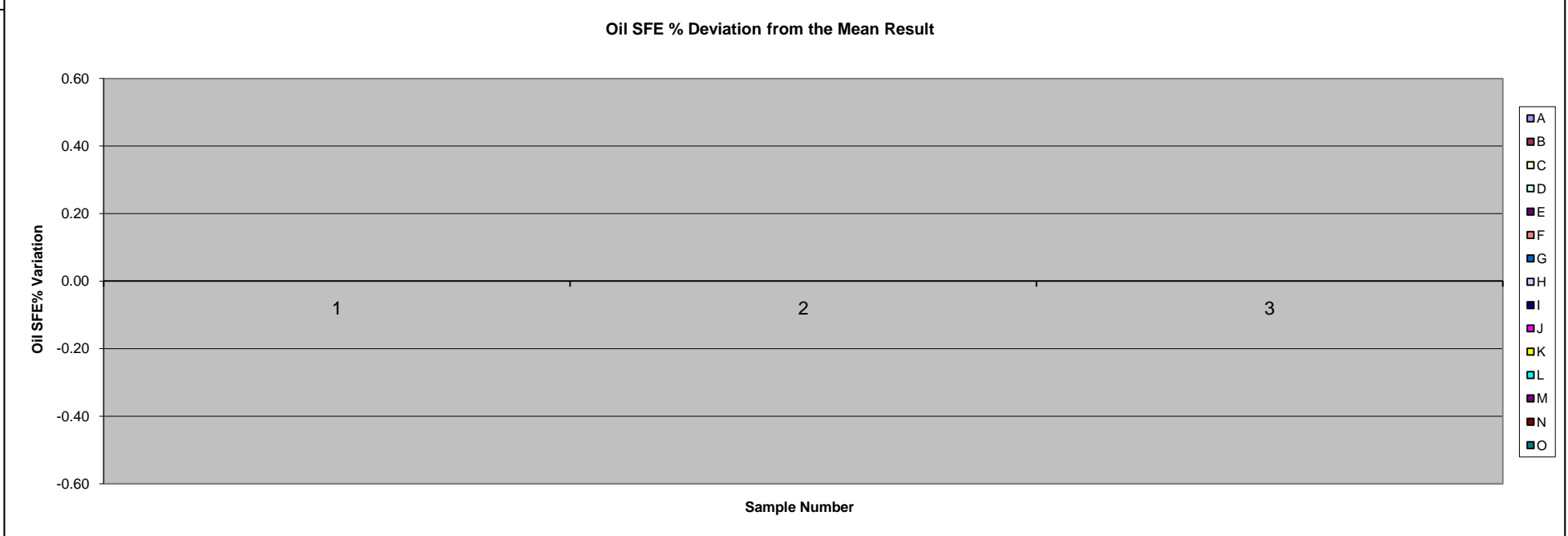
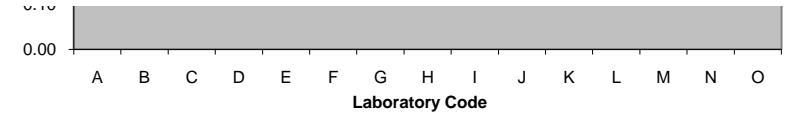


**Oil SFE% Deviation from the Mean**

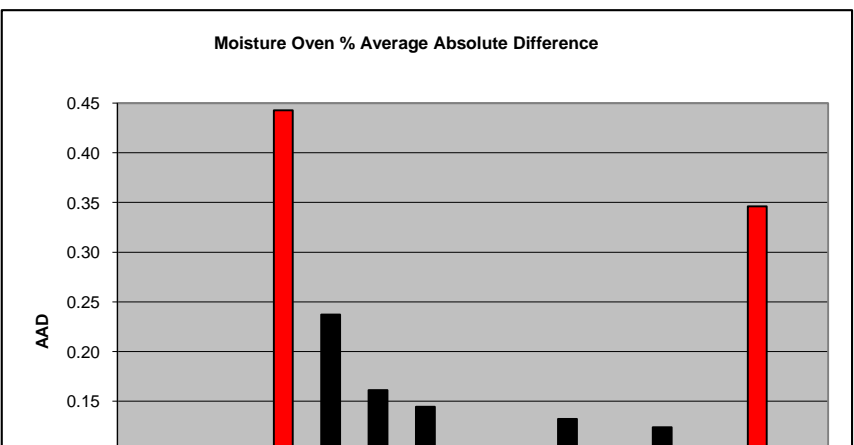
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C								
D								
E								
F								
G								
H								
I								
J								
K								
L								



M								
N								
O								
MEAN	#DIV/0!		#DIV/0!		#DIV/0!			#DIV/0!
STDEV	#DIV/0!		#DIV/0!		#DIV/0!			#DIV/0!

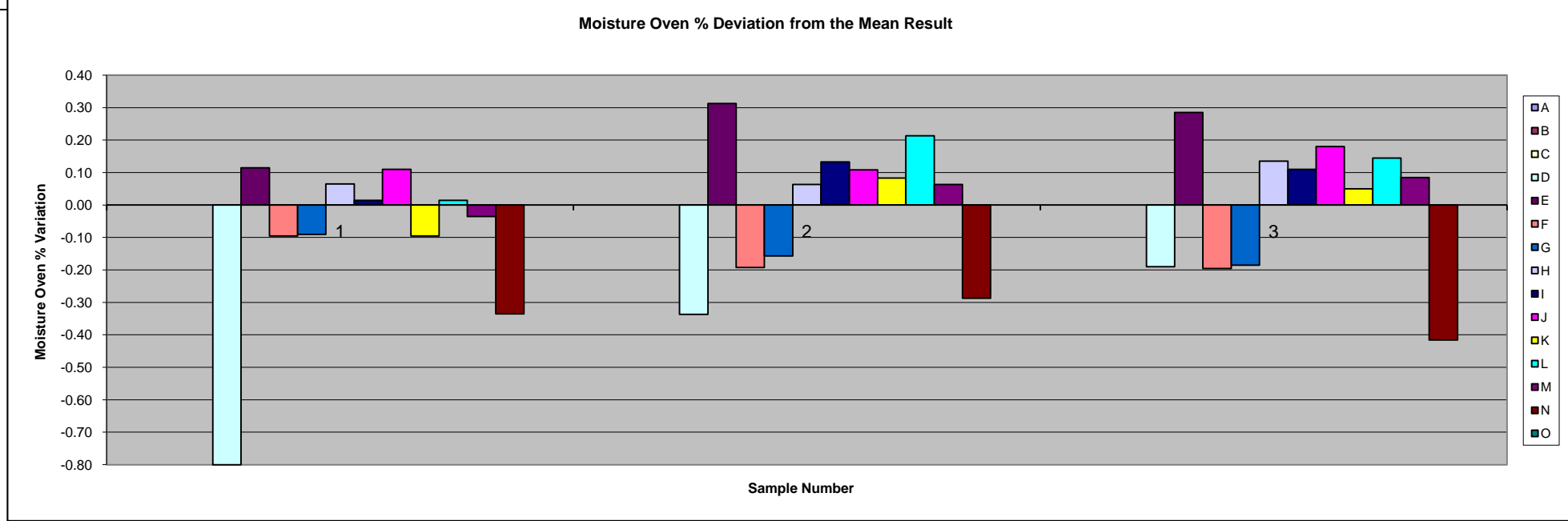
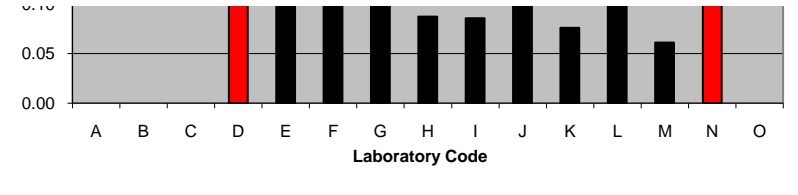


Moisture Oven % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C								
D	5.54	-0.80	6.10	-0.34	5.93	-0.19	-0.44	0.44
E	6.45	0.11	6.75	0.31	6.40	0.28	0.24	0.24
F	6.24	-0.10	6.25	-0.19	5.92	-0.20	-0.16	0.16
G	6.25	-0.09	6.28	-0.16	5.93	-0.19	-0.14	0.14
H	6.40	0.06	6.50	0.06	6.25	0.13	0.09	0.09
I	6.35	0.01	6.57	0.13	6.23	0.11	0.09	0.09
J	6.45	0.11	6.55	0.11	6.30	0.18	0.13	0.13

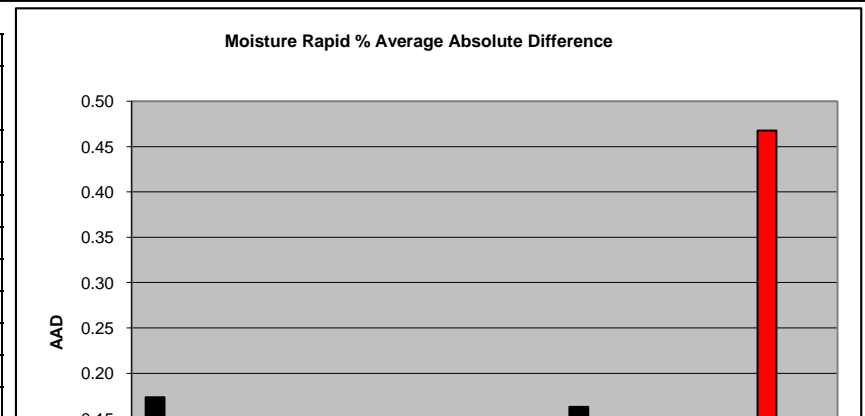




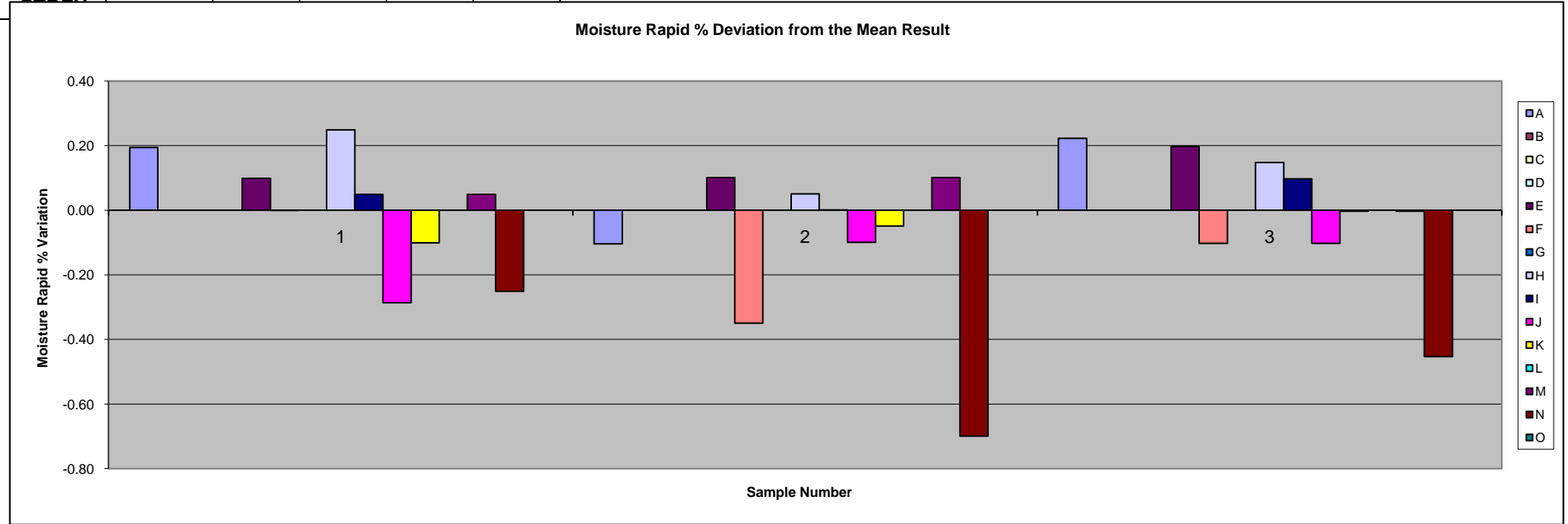
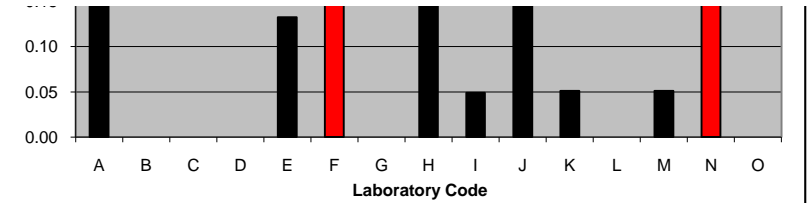
K	6.24	-0.10	6.52	0.08	6.17	0.05	0.01	0.08
L	6.35	0.01	6.65	0.21	6.26	0.14	0.12	0.12
M	6.30	-0.04	6.50	0.06	6.20	0.08	0.04	0.06
N	6.00	-0.34	6.15	-0.29	5.70	-0.42	-0.35	0.35
O								
MEAN	6.34		6.44		6.12			0.17
STDEV	0.00		0.00		0.00			



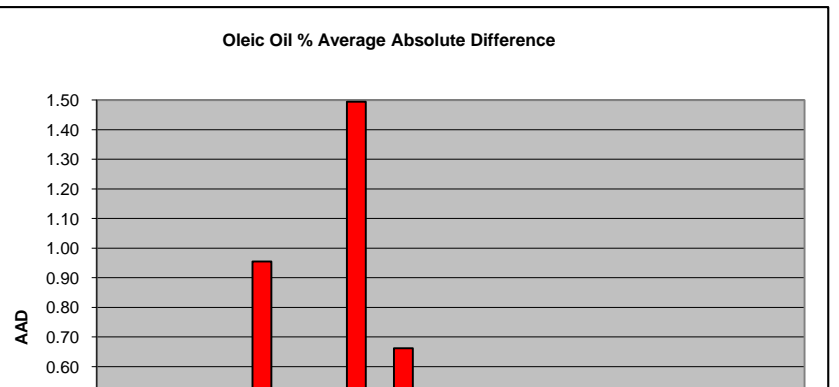
Moisture Rapid % Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A	6.40	0.19	6.65	-0.10	6.38	0.22	0.10	0.17
B								
C								
D								
E	6.30	0.10	6.85	0.10	6.35	0.20	0.13	0.13
F	6.20	0.00	6.40	-0.35	6.05	-0.10	-0.15	0.15
G								
H	6.45	0.25	6.80	0.05	6.30	0.15	0.15	0.15
I	6.25	0.05	6.75	0.00	6.25	0.10	0.05	0.05



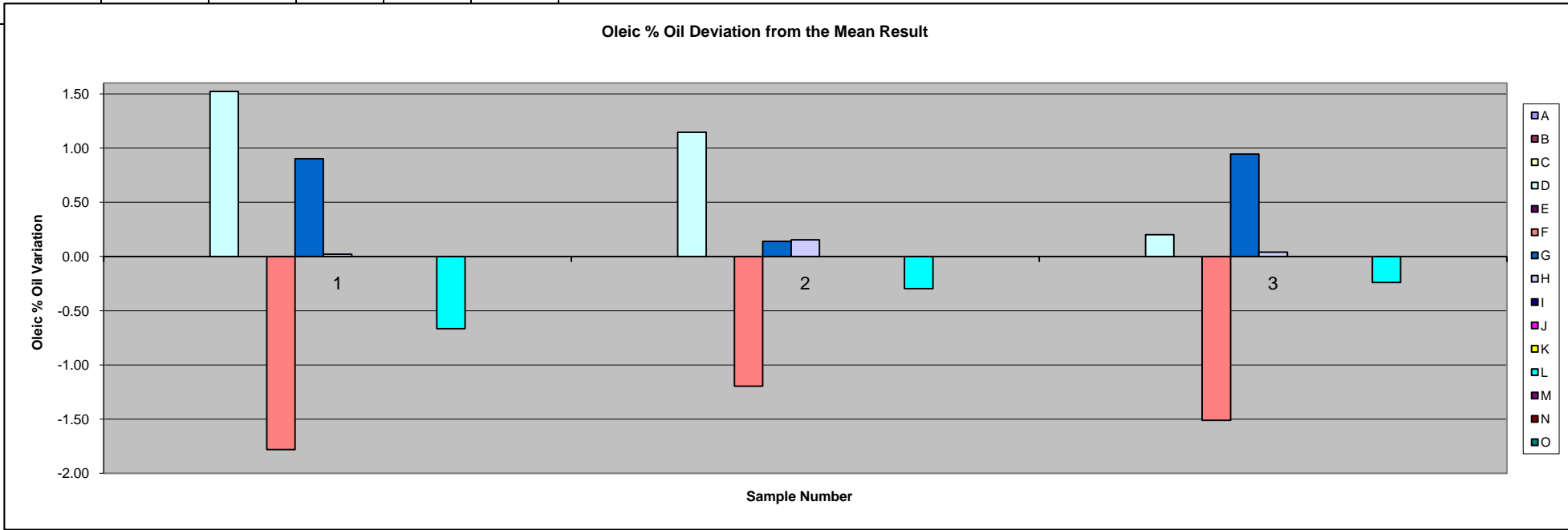
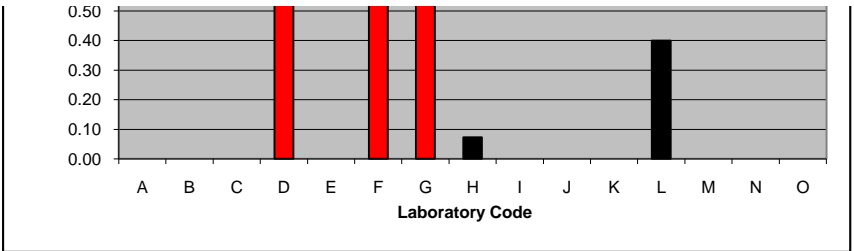
J	5.92	-0.29	6.65	-0.10	6.05	-0.10	-0.16	0.16
K	6.10	-0.10	6.70	-0.05	6.15	0.00	-0.05	0.05
L								
M	6.25	0.05	6.85	0.10	6.15	0.00	0.05	0.05
N	5.95	-0.25	6.05	-0.70	5.70	-0.45	-0.47	0.47
O								
<b>MEAN</b>	<b>6.20</b>		<b>6.75</b>		<b>6.15</b>			<b>0.15</b>



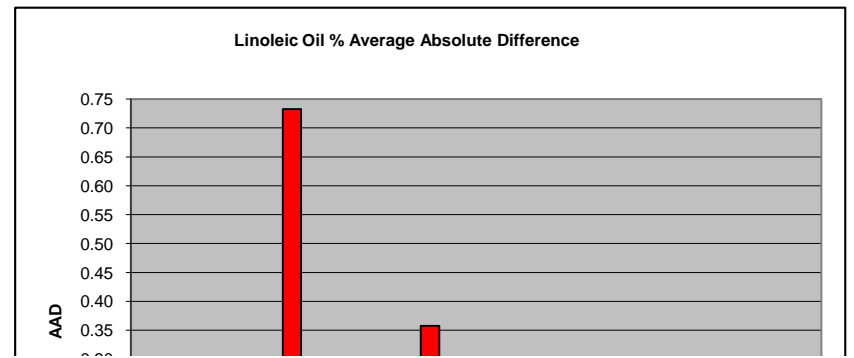
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C								
D	62.90	1.52	63.59	1.15	61.71	0.20	0.96	0.96
E								
F	59.60	-1.78	61.25	-1.20	60.00	-1.51	-1.49	1.49
G	62.28	0.90	62.59	0.14	62.46	0.95	0.66	0.66
H	61.40	0.02	62.60	0.16	61.55	0.04	0.07	0.07



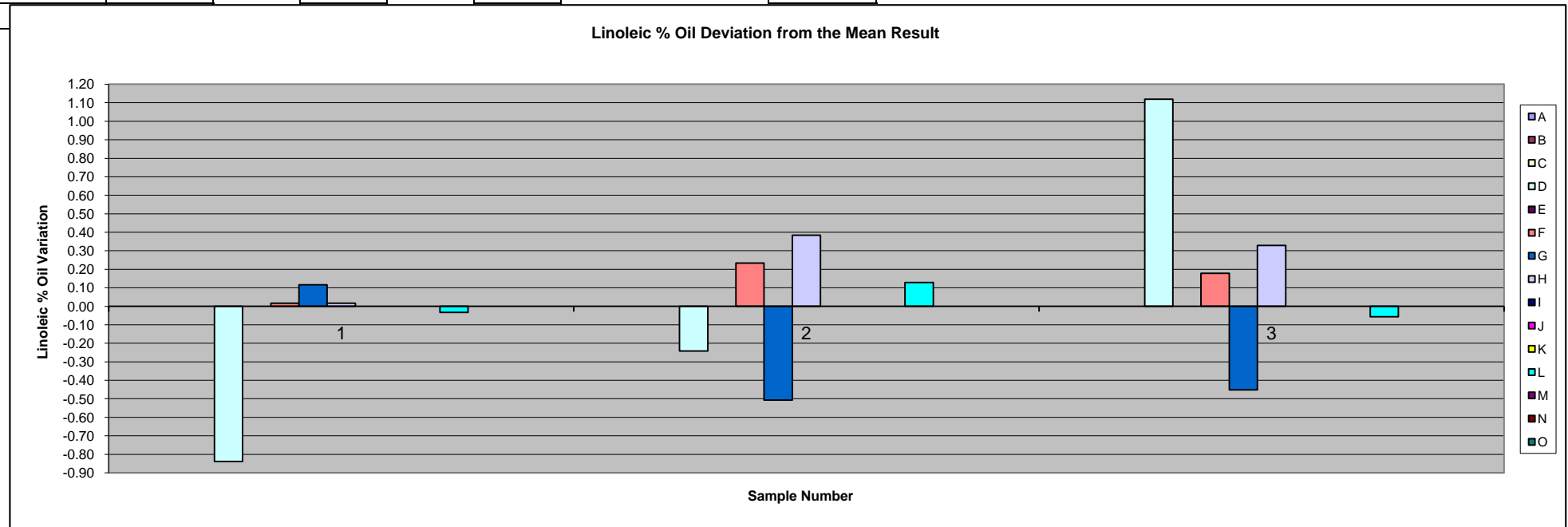
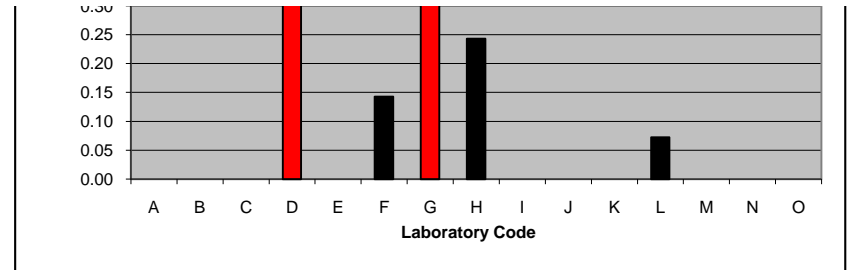
I								
J								
K								
L	60.72	-0.66	62.15	-0.29	61.27	-0.24	-0.40	0.40
M								
N								
O								
<b>MEAN</b>	<b>61.38</b>		<b>62.45</b>		<b>61.51</b>			<b>0.72</b>



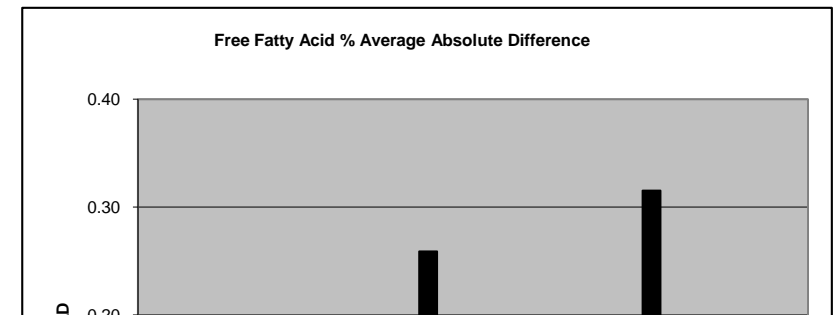
Linoleic % Oil Deviation from the Mean								
Lab	Sample 1		Sample 2		Sample 3		Mean of Differences	Average Absolute Difference
	Result	S1-Mean	Result	S2-Mean	Result	S3-Mean		
A								
B								
C								
D	19.55	-0.84	19.33	-0.24	21.29	1.12	0.01	0.73
E								
F	20.40	0.02	19.80	0.23	20.35	0.18	0.14	0.14
G	20.50	0.12	19.06	-0.51	19.72	-0.45	-0.28	0.36



H	20.40	0.02	19.95	0.38	20.50	0.33	0.24	0.24
I								
J								
K								
L	20.35	-0.03	19.70	0.13	20.12	-0.06	0.01	0.07
M								
N								
O								
<b>MEAN</b>	<b>20.38</b>		<b>19.57</b>		<b>20.17</b>			<b>0.31</b>



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	0.39	-0.04	0.25	-0.01	0.26	-0.03	-0.03	0.16
E	0.52	0.09	0.18	-0.07	0.28	-0.01	0.00	0.15
F	0.33	-0.10	0.19	-0.06	0.21	-0.08	-0.08	0.11



<b>G</b>	0.49	0.06	0.32	0.06	0.37	0.09	0.07	0.26
<b>H</b>	0.51	0.08	0.26	0.01	0.27	-0.02	0.02	0.19
<b>I</b>								
<b>J</b>								
<b>K</b>	0.25	-0.18	0.21	-0.04	0.20	-0.09	-0.10	0.12
<b>L</b>	0.53	0.10	0.38	0.12	0.41	0.13	0.12	0.32
<b>M</b>								
<b>N</b>								
<b>O</b>								
<b>MEAN</b>	<b>0.43</b>		<b>0.25</b>		<b>0.29</b>			<b>0.19</b>

