



## 07/08 AOF Test Check Program Monthly Report

## Round 2

January 2008

10/1/2008 – 7/2/2008

Result Receival Dates

	<b>JANUARY</b>
<b>Lab Code</b>	
<b>A</b>	17-Jan-08
<b>M</b>	18-Jan-08
<b>E</b>	21-Jan-08
<b>K</b>	22-Jan-08
<b>O</b>	24-Jan-08
<b>L</b>	30-Jan-08
<b>G</b>	05-Feb-08
<b>F</b>	06-Feb-08
<b>H</b>	07-Feb-08
<b>J</b>	07-Feb-08
<b>B</b>	08-Feb-08
<b>N</b>	13-Feb-08
<b>C</b>	15-Feb-08
<b>D</b>	NOT YET RECEIVED
<b>I</b>	NOT YET RECEIVED

Discussion of Results***Test Weight***

Results between participating labs were fairly consistent this round with all labs submitting within +/-1.00 to generate a standard deviation of 0.57. Labs F and C submitted the furthest from the mean with differences of 0.78 and -0.82. Labs E, H and K submitted slightly far from the mean with differences of -0.62, 0.68 and 0.43 compared to 0.14, 0.20 and 0.05 in round 1.

***Impurities***

Results submitted this round were similar to that seen in the previous round with all labs submitting fairly close to the mean. All labs remained within +/-0.50 from the mean except for lab B who produced the highest result with a mean difference of 0.57. Note that lab B also submitted the highest result in the previous round recording a mean difference of 0.46. Lab A produced the most accurate result for Impurities with a difference of 0.02. Well done.

***Oil Rapid***

Lab O continues to submit the lowest result producing a mean difference of -1.09 this round. Oil Rapid results for lab O however, are consistent with their Oil Solvent results with only a 0.05% difference between the methods. Labs B and E showed an increase from the mean to submit high results with mean differences of 0.81 and 0.76 compared to 0.53 and 0.28 in the previous round. Lab N improved this round to produce the most accurate result with a mean difference of 0.06.



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### ***Oil Solvent***

An outlier was produced by lab G this round recording a mean difference of -2.86. Note that a difference of 2.72 also separates the two Oil Solvent methods for the lab. Lab E continues to submit results around 1.00% higher than the mean.

### ***Oil Solvent (AOCS Method Am 2-93)***

Only 3 results were received this round for AOCS Oil Solvent. Lab B produced the result furthest from the mean with a difference of 0.76.

### ***Oil SFE***

Only two labs submitted results for Oil SFE this round.

### ***Moisture Oven***

Excellent results were received this round with all labs submitting results within +/- 0.26 from the mean. Due to results being relatively constant between labs, the mean difference of -0.26 produced by lab F resulted in it being an outlier. After producing an outlier in the previous round, lab E produced a result closer to the mean with a difference of 0.23.

### ***Moisture Rapid***

Labs A and H submitted the furthest from the mean recording differences of -0.44 and 0.46. Note that a substantial difference of 0.93 separates duplicate Moisture Rapid results from lab A. Labs E and M showed improvement to submit -0.14 and -0.30 compared to 0.55 and -0.65 previously.

### ***Oleic Oil***

Lab G once again produced a high result with a mean difference of 1.78. Labs B and F produced a significantly low results with a mean differences of -0.97 and -0.82.

### ***Linoleic Oil***

Lab B produced an outlier recording 0.36 this round. All other labs remained within +/-0.15 from the mean.

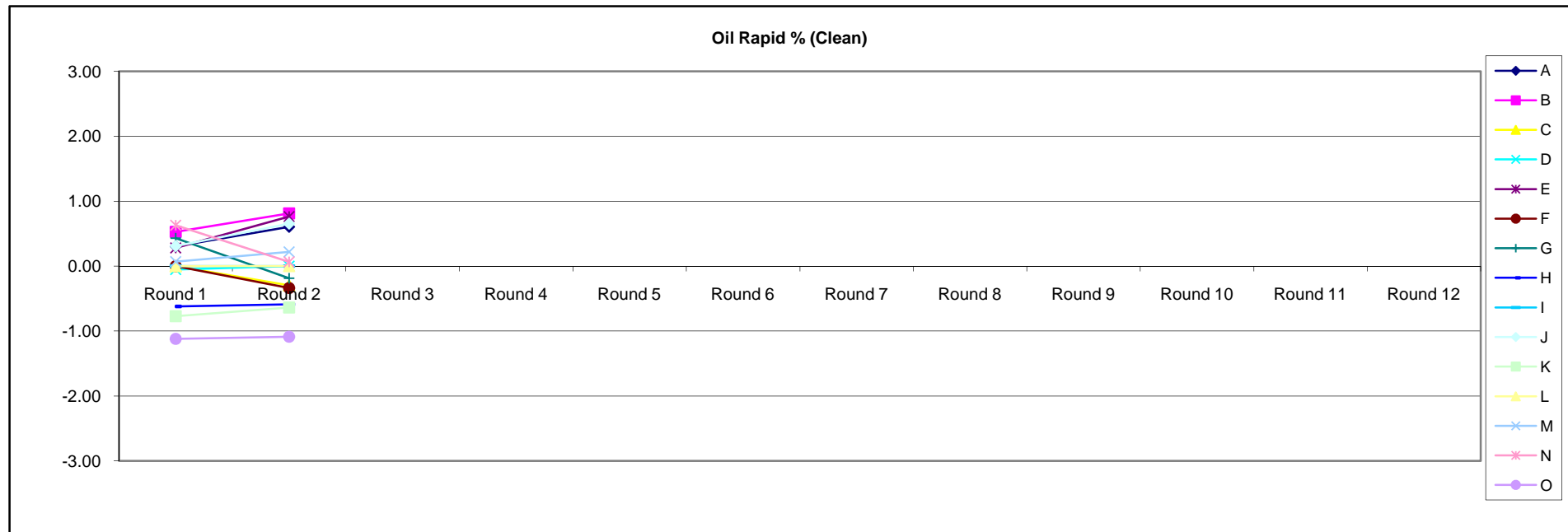
### ***Free Fatty Acid***

Results between participants were consistent this round. All labs submitted within +/-0.20 from the mean to produce a standard deviation of 0.11. Well done.

**AOF Test Check Program JANUARY 2007/2008  
Sample Number 2 Summary**

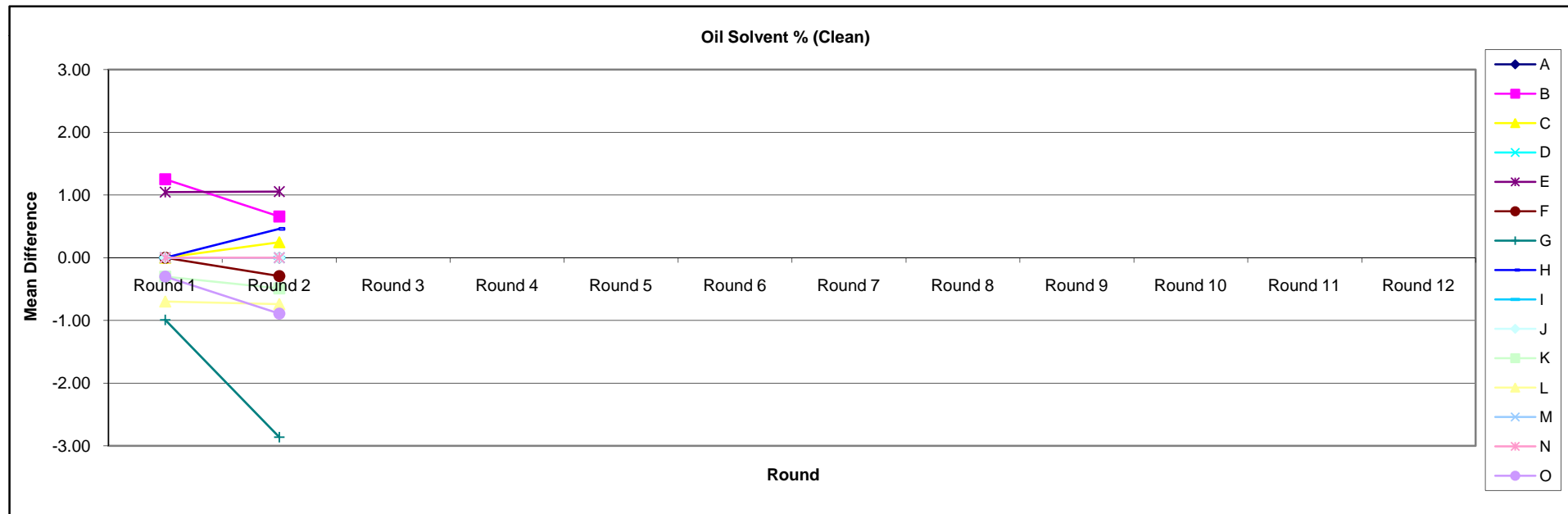
**Oil Rapid % (Clean)**

LAB	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10	Round 11	Round 12
A	0.31	0.60										
B	0.53	0.81										
C		-0.30										
D	-0.05											
E	0.28	0.76										
F		-0.34										
G	0.43	-0.19										
H	-0.62	-0.59										
I												
J	0.31	0.65										
K	-0.77	-0.64										
L												
M	0.07	0.22										
N	0.63	0.06										
O	-1.12	-1.09										



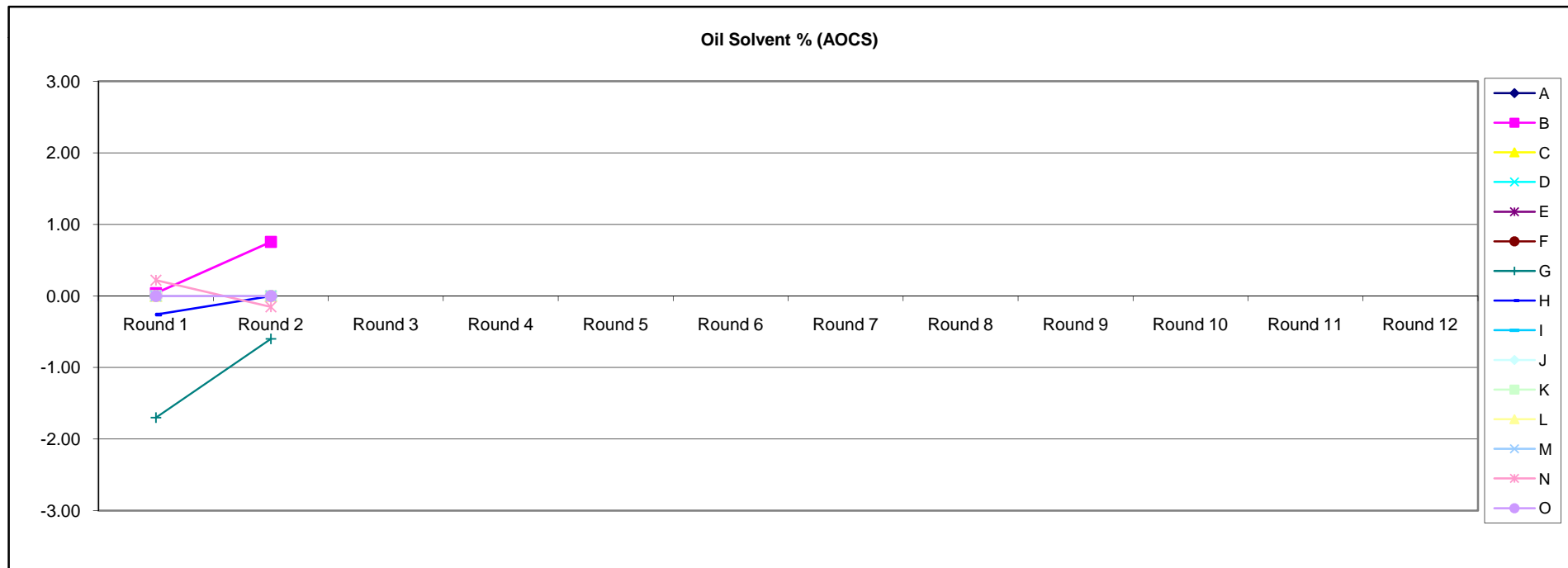
**Oil Solvent % (Clean)**

LAB	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10	Round 11	Round 12
A												
B	1.25	0.66										
C		0.25										
D												
E	1.04	1.05										
F		-0.29										
G	-0.99	-2.86										
H		0.46										
I												
J												
K	-0.30	-0.49										
L	-0.70	-0.74										
M												
N												
O	-0.30	-0.89										



**Oil Solvent % (AOCs)**

LAB	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10	Round 11	Round 12
A												
B	0.04	0.76										
C												
D												
E												
F												
G	-1.70	-0.60										
H	-0.26											
I												
J												
K												
L												
M												
N	0.22	-0.15										
O												



**Oil % SFE (Clean)**

LAB	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10	Round 11	Round 12
A												
B	0.03											
C												
D												
E												
F												
G												
H												
I												
J	-0.03	-0.13										
K												
L												
M												
N		0.13										
O												

