



AOF Test Check Program Monthly Report

Round 6

April 2007

10/4/2007 – 8/5/2007

Result Reveal Dates

| | APRIL |
|-----------------|------------------|
| Lab Code | Round 6 |
| A | 17-Apr-07 |
| K | 17-Apr-07 |
| M | 17-Apr-07 |
| L | 19-Apr-07 |
| H | 25-Apr-07 |
| E | 26-Apr-07 |
| J | 30-Apr-07 |
| N | 30-Apr-07 |
| B | 04-May-07 |
| O | 06-May-07 |
| F | 08-May-07 |
| G | 08-May-07 |
| I | 08-May-07 |
| C | 09-May-07 |
| D | NOT YET RECEIVED |

*Just a reminder all to get results in promptly

Discussion of Results**Test Weight**

Round 6 saw a slightly lower standard deviation of 0.55 compared to 0.65 previously. This was attributed to 5 out of the 12 participants submitting results at least 0.18 closer to the mean. Of these, lab M showed the greatest improvement submitting 0.37 closer however still continued to generate the lowest result with a mean difference of -0.88. Unfortunately, lab K drifted further from the mean to submit a difference of -0.82. Lab B also deviated further from the mean but still remained one of the more accurate labs with a difference of 0.22.

Impurities

Lab A has once again submitted the highest result with a mean difference of 1.08%. Labs I and M drifted further from the mean to submit differences of -0.72 and 0.68. In contrast, lab N improved slightly however still remains on the higher side of the scale with a mean difference of 0.53. The remaining participants were able to achieve differences within +/-0.50 from the mean. Lab L in particular showed significant improvement this round to submit 0.18 compared to -0.59 previously.



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Oil Rapid

Unfortunately, labs H and O drifted even further from the mean this round to produce outliers recording differences of -1.39 and 1.51. Note that Oil Rapid results for lab H are also 1.3% lower than that received for Oil Solvent. Labs C and F also recorded a drift from the mean to submit 0.87 and -0.69 compared to -0.20 for both previously. In contrast, labs B, E, G, M and N showed considerable improvement submitting at least 0.41% closer to the mean with differences of less than +/-0.60%.

Oil Solvent

Although no outliers were identified, round 6 saw a greater degree of variation between labs with four of the eleven participating labs submitting differences greater than +/-1.00. In effect, a higher standard deviation of 0.97 was obtained compared to 0.30 previously. Labs F and N continue to submit results far from the mean with differences of -1.15 and 1.13 compared to -3.20 and 1.03 in the previous round. Unfortunately after producing an accurate mean difference of 0.10 in round 5, lab O has shown a substantial jump to submit the highest result with a difference of 1.55. Note that lab O generated a mean difference of about 1.50 for both Oil Rapid and Oil Solvent methods. Labs B and C also drifted noticeably further from the mean submitting -0.55 and 0.87 compared to -0.10 and -0.27 previously. Lab E submitted a more accurate result of 0.10 compared to 0.51 in round 5. Lab H produced the most accurate result this round with a mean difference of 0.05. Well done.

Oil Solvent (AOCS Method Am 2-93)

All three participating labs submitted results within +/-0.40 from the mean. Improvement is noted for lab G submitting -0.05 compared to -0.47 previously.

Oil SFE

Only one result recording 36.40% oil from lab J was submitted for Oil SFE. A difference of 2.32 separates results for Oil SFE and Oil Rapid for the lab. Note that Oil Rapid results for lab J are always noticeably higher than those obtained for Oil SFE.

Moisture Oven

Once again lab N has produced an outlier for Moisture Oven recording -0.55. Lab N also recorded a similar result in the previous round. Lab C produced the second outlier with a mean difference of 0.55. Note that lab C had produced accurate results for all previous rounds for the year with mean differences within +/-0.05. Lab K showed improvement to submit -0.05 compared to -0.22 previously. All other labs submitted within +/-0.20 from the mean. Well done.

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Moisture Rapid

Labs B and M improved in round 6 to submit -0.11 and -0.20 compared to -0.45 and 0.45 previously. Labs E and J drifted further from the mean to submit 0.24 and 0.51. A difference of 0.54% separates Moisture Oven and Moisture Rapid results for lab J, the higher value being for Moisture Rapid. Lab K continues to submit significantly low results submitting differences of around -0.40 for both rounds 5 and 6. Note that the result obtained for Oven Moisture for lab K is 0.50% higher than that obtained for Moisture Rapid. Well done to labs F and N who were able to achieve the mean this round.

Oleic Oil

Round 6 saw greater variation between participating labs for Oleic Oil. Unfortunately lab H produced a major outlier recording -3.41 and was omitted from the mean and standard deviation. Labs B and O drifted considerably further from the mean to submit -0.81 and 1.19 compared to -0.15 and 0.65 previously. Lab G also deviated slightly further from the mean by 0.24% to submit a difference of 0.29.

Linoleic Oil

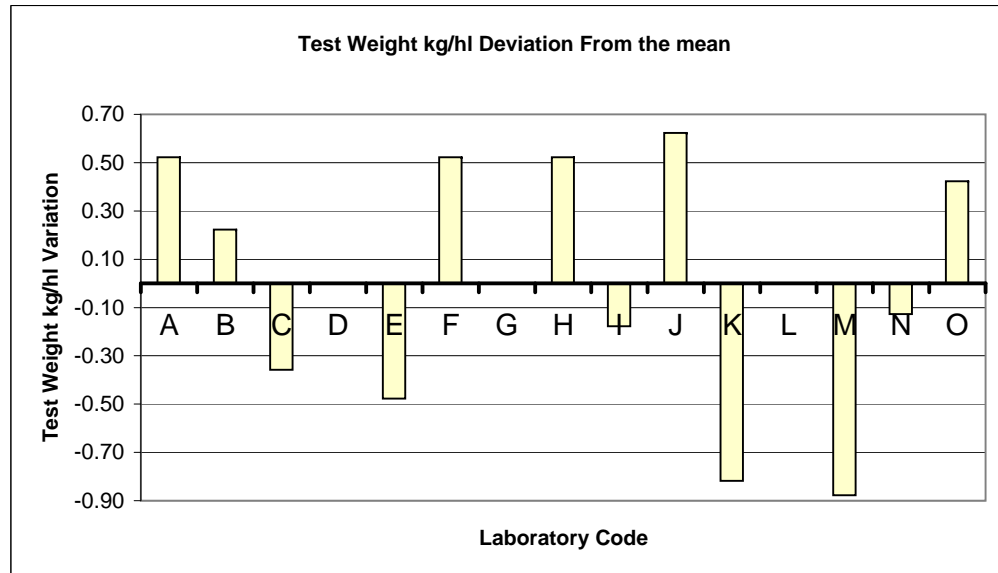
Lab H produced an outlier this round recording -1.72. Note that three of the nine submitted results of Lab H were outliers. Labs F and O drifted further from the mean to submit -0.22 and -0.52 compared to a difference of -0.08 each in round 5. After generating outliers in the last 3 rounds, lab G has improved this round to submit 0.48 however results still remains on the higher end of the scale.

Free Fatty Acid

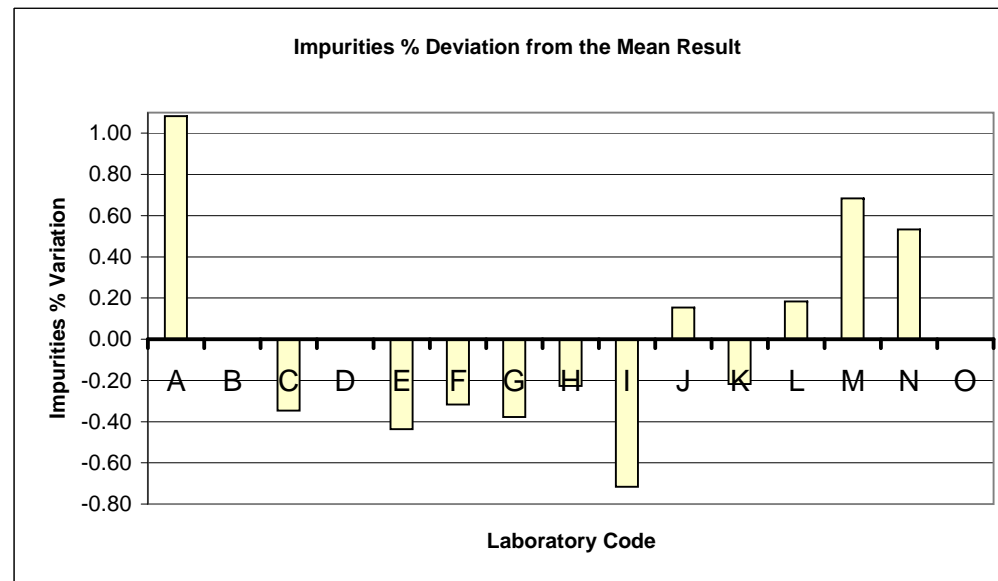
Lab F displayed an increase from the mean to submit the highest result with a mean difference of 0.44%. Lab C also drifted further from the mean to submit -0.23 compared to 0.00 previously. Labs B and H submitted relatively low results of -0.28 and -0.26. The remaining participants produced differences within +/-0.25 from the mean.

**AOF Test Check Program APRIL 2006/2007
Sample Number 6 Summary**

| Test Weight kg/hl | | |
|-------------------|--------------|-------|
| Lab | Result | Mean |
| A | 69.80 | 0.52 |
| B | 69.50 | 0.22 |
| C | 68.92 | -0.36 |
| D | | |
| E | 68.80 | -0.48 |
| F | 69.80 | 0.52 |
| G | | |
| H | 69.80 | 0.52 |
| I | 69.10 | -0.18 |
| J | 69.90 | 0.62 |
| K | 68.46 | -0.82 |
| L | | |
| M | 68.40 | -0.88 |
| N | 69.15 | -0.13 |
| O | 69.70 | 0.42 |
| MEAN | 69.28 | |
| STDEV | 0.55 | |

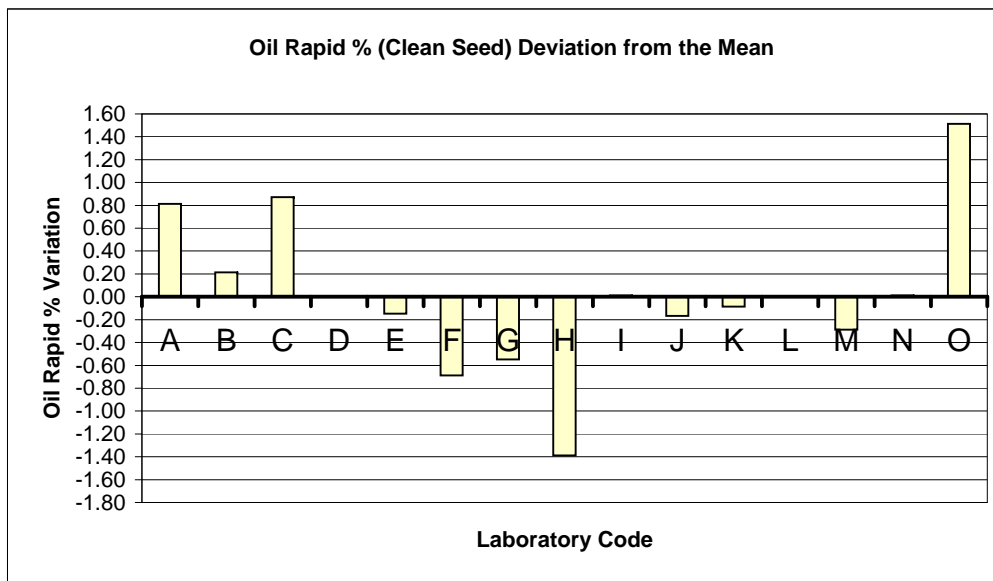


| Impurities | | |
|--------------|-------------|-------|
| Lab | Result | Mean |
| A | 3.00 | 1.08 |
| B | | |
| C | 1.57 | -0.35 |
| D | | |
| E | 1.48 | -0.44 |
| F | 1.60 | -0.32 |
| G | 1.54 | -0.38 |
| H | 1.69 | -0.23 |
| I | 1.20 | -0.72 |
| J | 2.07 | 0.15 |
| K | 1.70 | -0.22 |
| L | 2.10 | 0.18 |
| M | 2.60 | 0.68 |
| N | 2.45 | 0.53 |
| O | | |
| MEAN | 1.92 | |
| STDEV | 0.53 | |

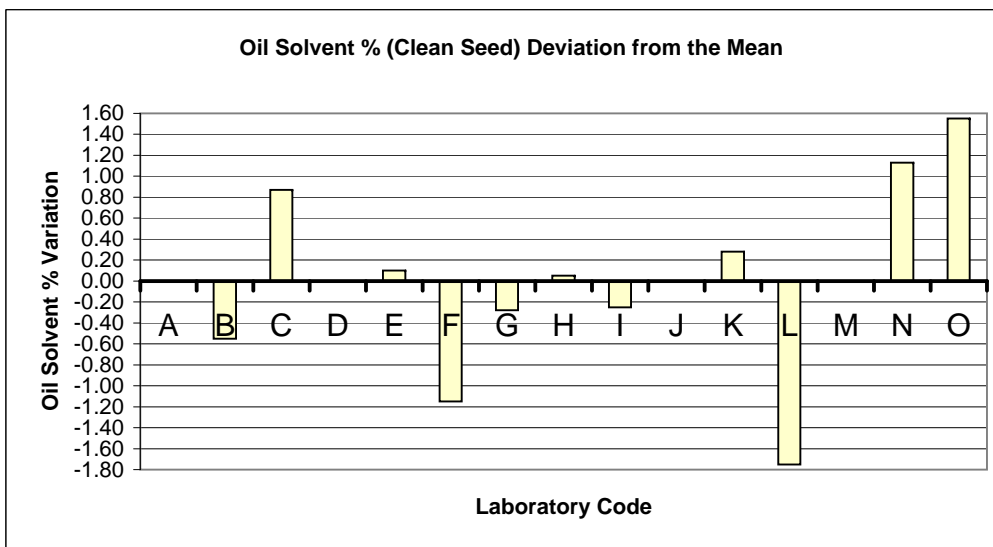


**AOF Test Check Program APRIL 2006/2007
Sample Number 6 Summary**

| Oil Rapid % (Clean Seed) | | |
|--------------------------|--------------|-------|
| Lab | Result | Mean |
| A | 39.70 | 0.81 |
| B | 39.10 | 0.21 |
| C | 39.76 | 0.87 |
| D | | |
| E | 38.74 | -0.15 |
| F | 38.20 | -0.69 |
| G | 38.34 | -0.55 |
| H | 37.50 | -1.39 |
| I | 38.90 | 0.01 |
| J | 38.72 | -0.17 |
| K | 38.80 | -0.09 |
| L | | |
| M | 38.60 | -0.29 |
| N | 38.90 | 0.01 |
| O | 40.40 | 1.51 |
| MEAN | 38.89 | |
| STDEV | 0.49 | |

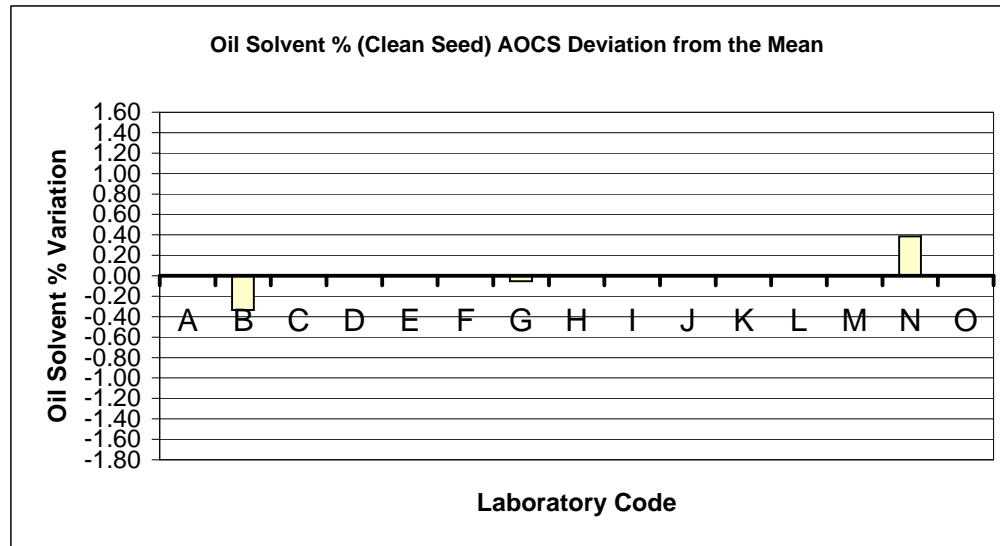


| Oil Solvent % (Clean Seed) | | |
|----------------------------|--------------|-------|
| Lab | Result | Mean |
| A | | |
| B | 38.20 | -0.55 |
| C | 39.62 | 0.87 |
| D | | |
| E | 38.85 | 0.10 |
| F | 37.6 | -1.15 |
| G | 38.47 | -0.28 |
| H | 38.8 | 0.05 |
| I | 38.5 | -0.25 |
| J | | |
| K | 39.03 | 0.28 |
| L | 37.00 | -1.75 |
| M | | |
| N | 39.88 | 1.13 |
| O | 40.30 | 1.55 |
| MEAN | 38.75 | |
| STDEV | 0.97 | |

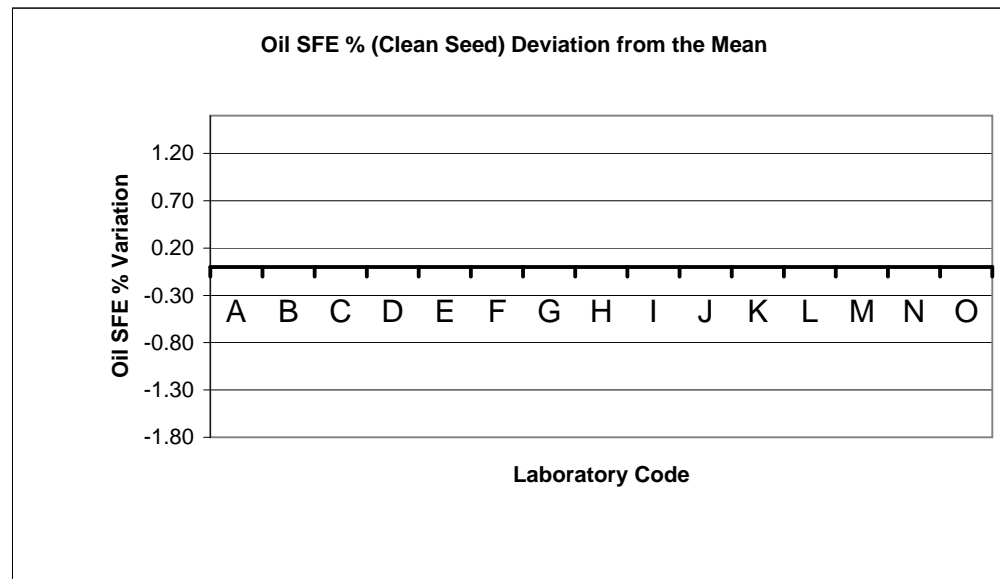


**AOF Test Check Program APRIL 2006/2007
Sample Number 6 Summary**

| Oil Solvent % (Clean Seed) AOCS | | |
|---------------------------------|--------|-------|
| Lab | Result | Mean |
| A | | |
| B | 38.9 | -0.33 |
| C | | |
| D | | |
| E | | |
| F | | |
| G | 39.18 | -0.05 |
| H | | |
| I | | |
| J | | |
| K | | |
| L | | |
| M | | |
| N | 39.62 | 0.39 |
| O | | |
| MEAN | 39.23 | |
| STDEV | 0.36 | |

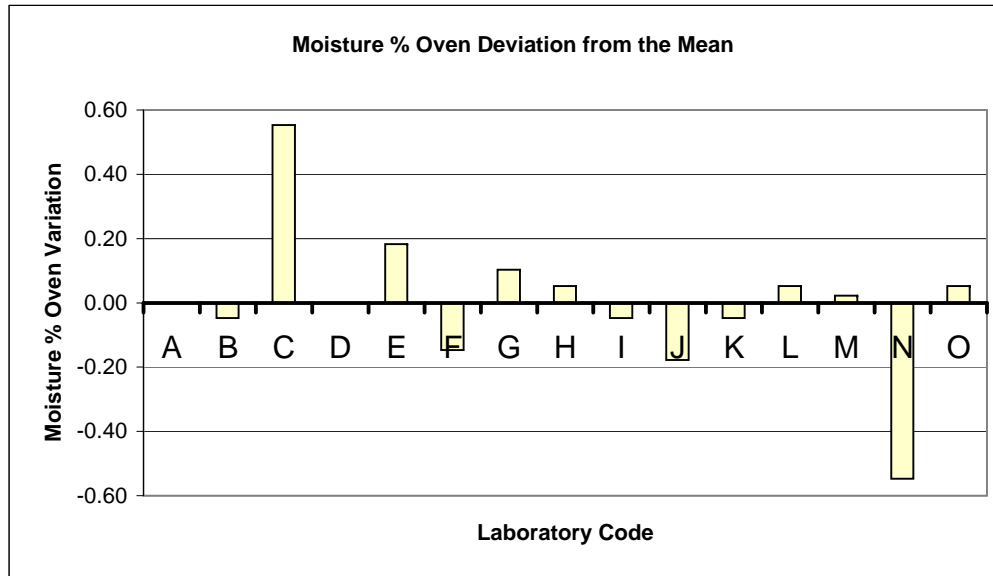


| Oil % SFE (Clean Seed) | | |
|------------------------|---------|------|
| Lab | Result | Mean |
| A | | |
| B | | |
| C | | |
| D | | |
| E | | |
| F | | |
| G | | |
| H | | |
| I | | |
| J | 36.4 | 0.00 |
| K | | |
| L | | |
| M | | |
| N | | |
| O | | |
| MEAN | 36.40 | |
| STDEV | #DIV/0! | |

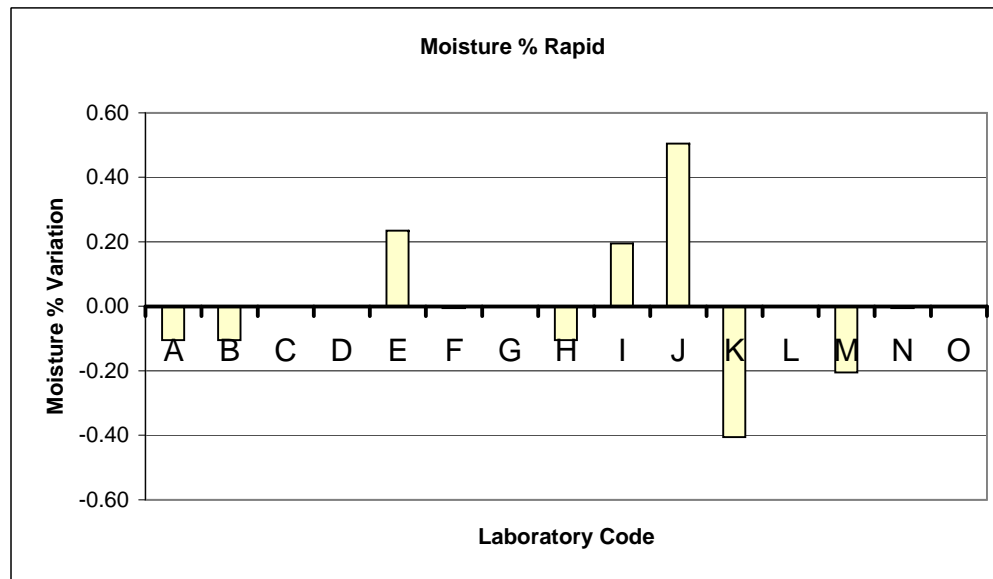


**AOF Test Check Program APRIL 2006/2007
Sample Number 6 Summary**

| Moisture % Oven | | |
|-----------------|-------------|-------|
| Lab | Result | Mean |
| A | | |
| B | 6.70 | -0.05 |
| C | 7.30 | 0.55 |
| D | | |
| E | 6.93 | 0.18 |
| F | 6.60 | -0.15 |
| G | 6.85 | 0.10 |
| H | 6.80 | 0.05 |
| I | 6.70 | -0.05 |
| J | 6.57 | -0.18 |
| K | 6.70 | -0.05 |
| L | 6.80 | 0.05 |
| M | 6.77 | 0.02 |
| N | 6.20 | -0.55 |
| O | 6.80 | 0.05 |
| MEAN | 6.75 | |
| STDEV | 0.11 | |

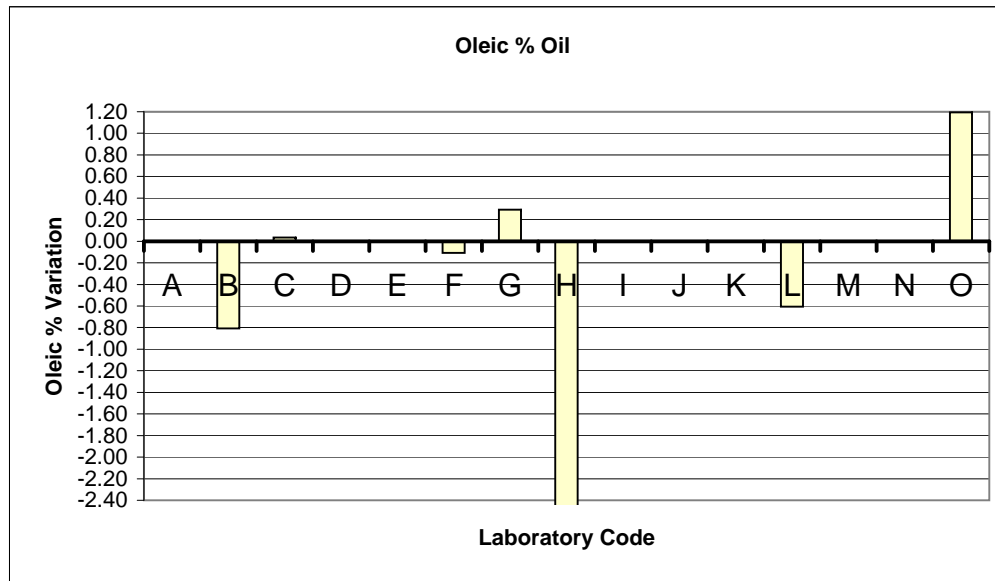


| Moisture % Rapid | | |
|------------------|-------------|-------|
| Lab | Result | Mean |
| A | 6.50 | -0.11 |
| B | 6.50 | -0.11 |
| C | | |
| D | | |
| E | 6.84 | 0.24 |
| F | 6.60 | 0.00 |
| G | | |
| H | 6.50 | -0.11 |
| I | 6.80 | 0.20 |
| J | 7.11 | 0.51 |
| K | 6.20 | -0.40 |
| L | | |
| M | 6.40 | -0.20 |
| N | 6.60 | 0.00 |
| O | | |
| MEAN | 6.61 | |
| STDEV | 0.26 | |

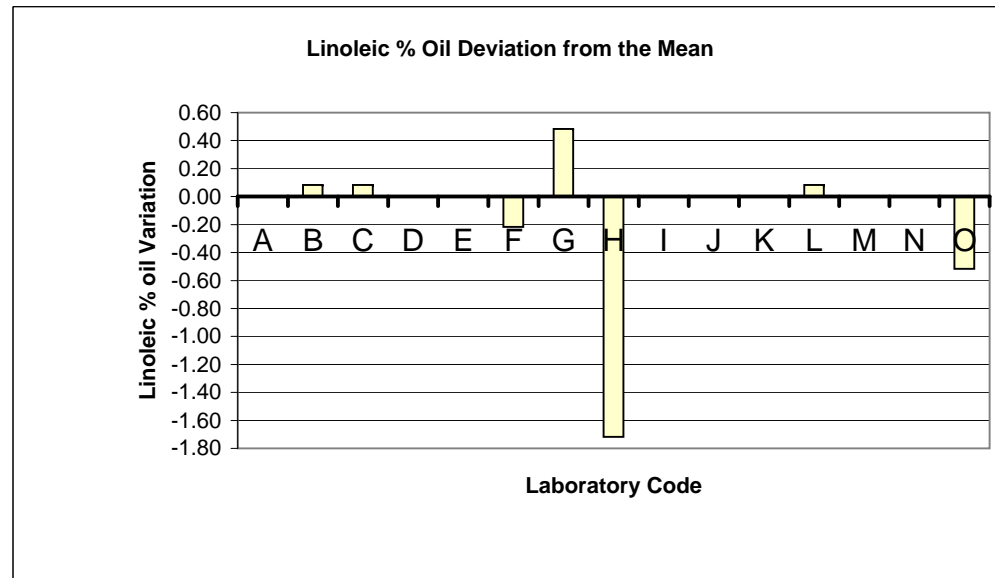


**AOF Test Check Program APRIL 2006/2007
Sample Number 6 Summary**

| Oleic % Oil | | |
|--------------|--------------|-------|
| Lab | Result | Mean |
| A | | |
| B | 57.20 | -0.81 |
| C | 58.04 | 0.03 |
| D | | |
| E | | |
| F | 57.90 | -0.11 |
| G | 58.30 | 0.29 |
| H | 54.60 | -3.41 |
| I | | |
| J | | |
| K | | |
| L | 57.40 | -0.61 |
| M | | |
| N | | |
| O | 59.20 | 1.19 |
| MEAN | 58.01 | |
| STDEV | 0.71 | |



| Linoleic % oil | | |
|----------------|--------------|-------|
| Lab | Result | Mean |
| A | | |
| B | 22.50 | 0.08 |
| C | 22.50 | 0.08 |
| D | | |
| E | | |
| F | 22.20 | -0.22 |
| G | 22.90 | 0.48 |
| H | 20.70 | -1.72 |
| I | | |
| J | | |
| K | | |
| L | 22.50 | 0.08 |
| M | | |
| N | | |
| O | 21.90 | -0.52 |
| MEAN | 22.42 | |
| STDEV | 0.34 | |



**AOF Test Check Program APRIL 2006/2007
Sample Number 6 Summary**

| Free Fatty Acid % of Oil | | |
|--------------------------|-------------|-------|
| Lab | Result | Mean |
| A | | |
| B | 0.20 | -0.28 |
| C | 0.25 | -0.23 |
| D | | |
| E | 0.69 | 0.22 |
| F | 0.91 | 0.44 |
| G | 0.62 | 0.15 |
| H | 0.22 | -0.26 |
| I | | |
| J | | |
| K | 0.41 | -0.07 |
| L | 0.50 | 0.03 |
| M | | |
| N | | |
| O | | |
| MEAN | 0.48 | |
| STDEV | 0.25 | |

