



**2012 AOF Test Check Program
Monthly Report
Round 6
June 2012
01/06/2012 – 01/07/2012**

Result Receiving Dates

| Lab Code | Date |
|-----------------|-------------|
| A | 06/06/2012 |
| B | 29/06/2012 |
| C | 02/07/2012 |
| D | 02/07/2012 |
| E | 14/06/2012 |
| F | 04/07/2012 |
| G | 09/06/2012 |
| H | 02/07/2012 |
| I | 14/06/2012 |
| J | 19/06/2012 |
| K | 15/06/2012 |
| L | - |
| M | 15/06/2012 |
| N | 05/06/2012 |

Discussion of Results

Test Weight

No outliers were observed for any participating laboratories for this test.

Impurities

No outliers were observed for any participating laboratories for this test.

Oil Rapid

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for lab **D** with a 0.56 of a percent discrepancy from the upper (47.80%) quartile limit.

Sample 3 – No outliers were observed.



**2012 AOF Test Check Program
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Round 6
June 2012**

01/06/2012 – 01/07/2012

Oil Solvent (ISO 659)

Sample 1 – One outlier was identified for lab **G** with a 0.92 of a percent discrepancy from the lower (40.08%) quartile limit.

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for lab **F** with a 2.54 of a percent discrepancy from the upper (40.77%) quartile limit.

Oil Solvent Reference (AOCS Method Am 2-93)

Sample 1 – Two outliers were identified; lab **G** showed a 0.56 of a percent discrepancy from the lower (41.20%) quartile limit, lab **N** results were equal with the upper (42.68%) quartile limit.

Sample 2 – No outliers were observed.

Sample 3 – Two outliers were identified; lab **G** showed 2.78 of a percent discrepancy from the upper (40.38%) quartile limit, lab **K** showed 0.44 of a percent discrepancy from the lower (39.52%) quartile limit.

Moisture Oven

Sample 1 – Two outliers were identified; lab **D** showed 0.62 of a percent discrepancy from the upper (6.38%) quartile limit, lab **G** showed 0.05 of a percent discrepancy from the lower (5.36%) quartile limit.

Sample 2 – No outliers were observed.

Sample 3 – No outliers were observed.

Moisture Rapid

Sample 1 – No outliers were observed.

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for lab **A** with a 0.16 of a percent discrepancy from the upper (6.69%) quartile limit.



**2012 AOF Test Check Program
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01/06/2012 – 01/07/2012

Oleic Oil

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for lab **K** with a 1.08 of a percent discrepancy from the upper (66.68%) quartile limit.

Sample 3 – One outlier was identified for lab **K** with a 0.33 of a percent discrepancy from the lower (62.10%) quartile limit.

Linoleic Oil

Sample 1 – One outlier was identified for lab **K** with a 1.57 of a percent discrepancy from the lower (20.03%) quartile limit.

Sample 2 – One outlier was identified for lab **K** with a 4.19 of a percent discrepancy from the lower (16.86%) quartile limit.

Sample 3 – One outlier was identified for lab **K** with a 0.51 of a percent discrepancy from the lower (18.02%) quartile limit.

Free Fatty Acid

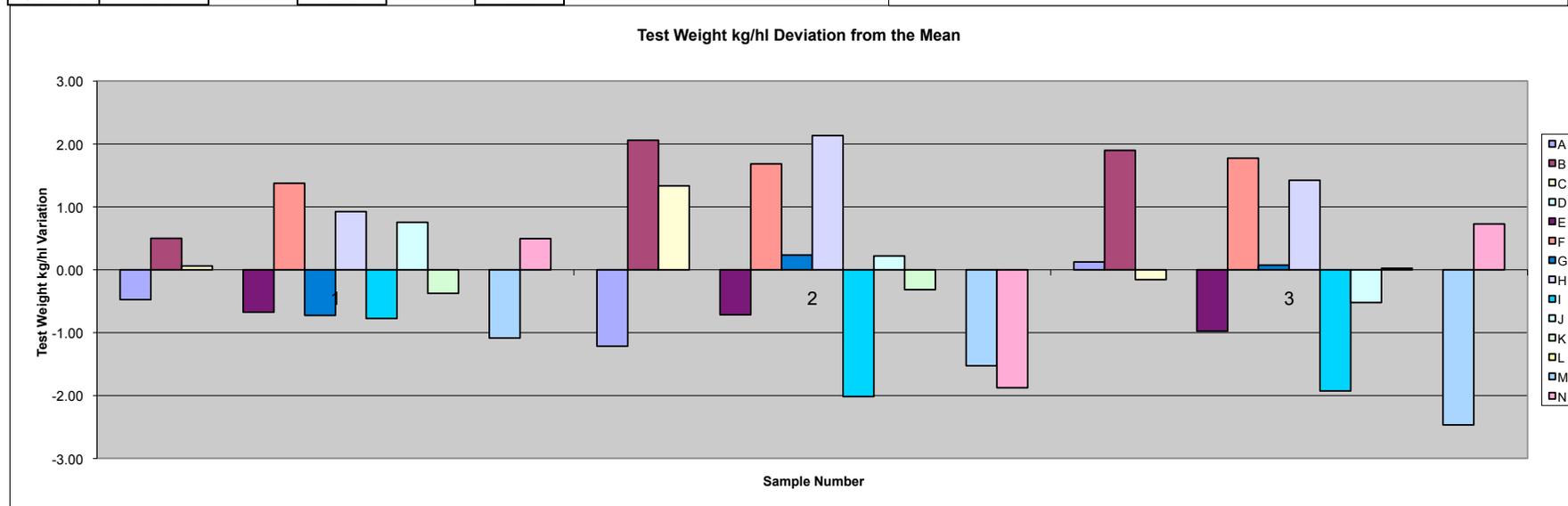
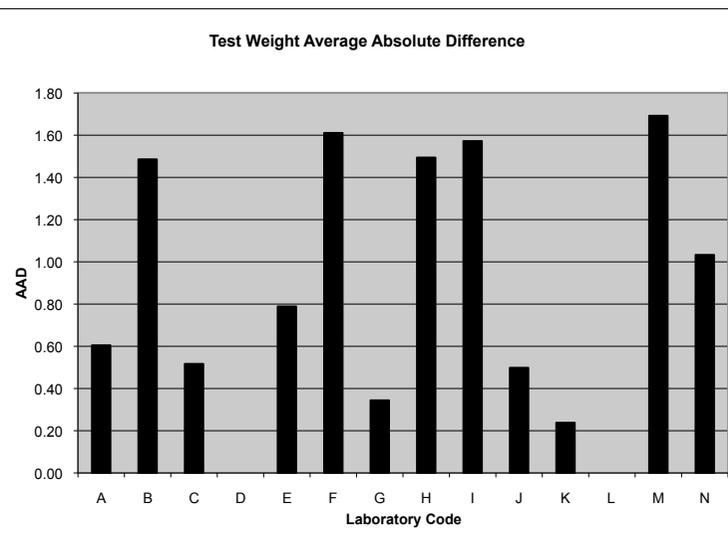
Sample 1 – Two outliers were identified; lab **E** showed 0.51 of a percent discrepancy from the upper (0.37%) quartile limit, lab **H** showed 0.01 of a percent discrepancy from the lower (0.25%) quartile limit.

Sample 2 – One outlier was identified for lab **E** with a 0.1 of a percent discrepancy from the upper (0.43%) quartile limit.

Sample 3 – One outlier was identified for lab **E** with a 0.26 of a percent discrepancy from the upper (2.95%) quartile limit.

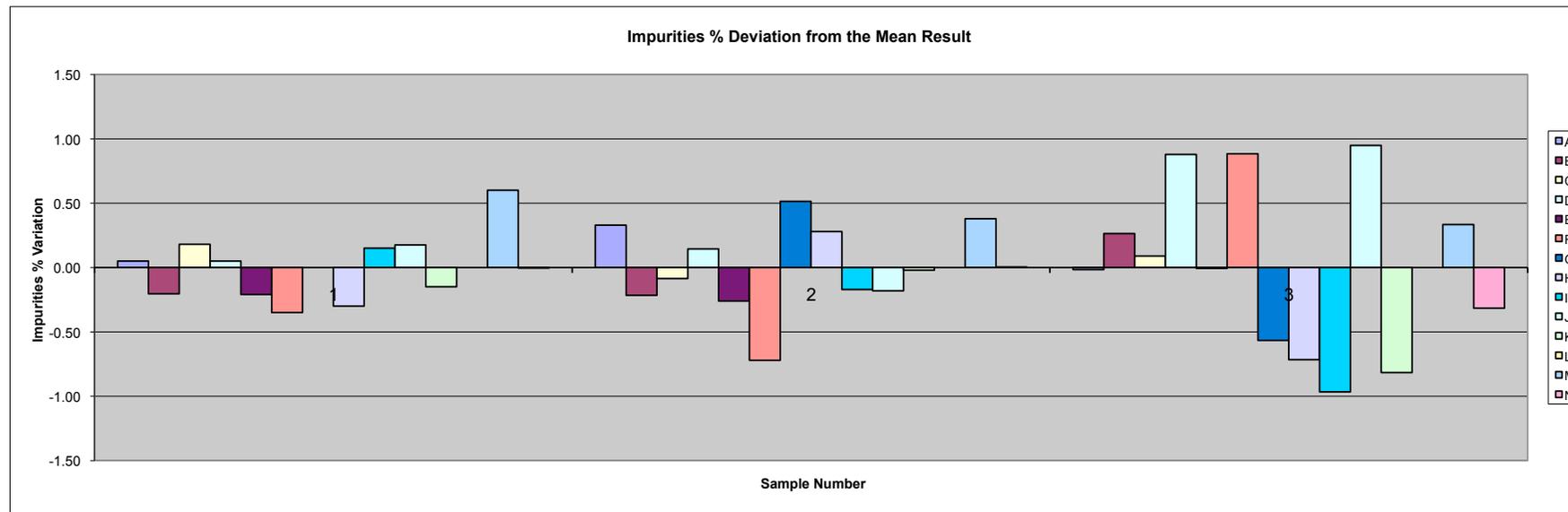
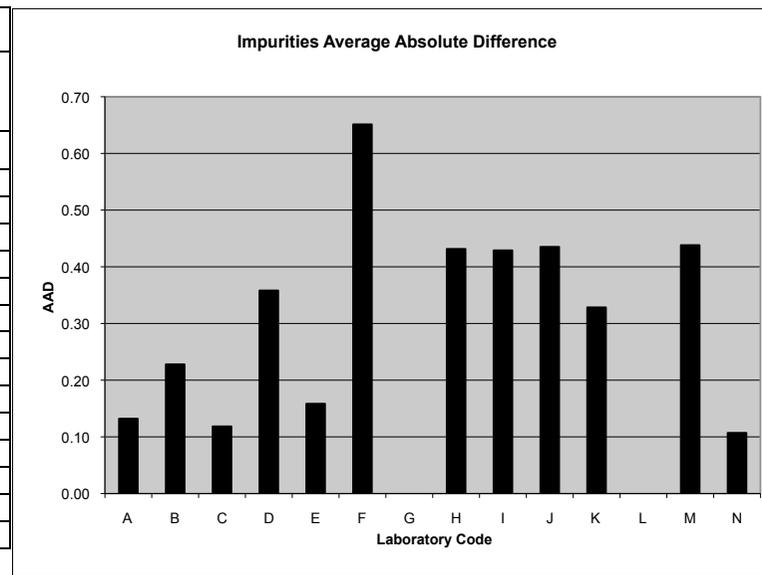
**2012 AOF Test Check Program
Round 6 Summary - June**

| 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 | 68.90 | -0.47 | 64.10 | -1.22 | 65.10 | 0.12 | -0.52 | 0.60 |
| B | 69.88 | 0.50 | 67.38 | 2.06 | 66.88 | 1.90 | 1.49 | 1.49 |
| C | 69.44 | 0.06 | 66.65 | 1.33 | 64.82 | -0.16 | 0.41 | 0.52 |
| D | | | | | | | | |
| E | 68.70 | -0.67 | 64.60 | -0.72 | 64.00 | -0.98 | -0.79 | 0.79 |
| F | 70.75 | 1.38 | 67.00 | 1.68 | 66.75 | 1.77 | 1.61 | 1.61 |
| G | 68.65 | -0.72 | 65.55 | 0.23 | 65.05 | 0.07 | -0.14 | 0.34 |
| H | 70.30 | 0.93 | 67.45 | 2.13 | 66.40 | 1.42 | 1.49 | 1.49 |
| I | 68.60 | -0.78 | 63.30 | -2.02 | 63.05 | -1.93 | -1.57 | 1.57 |
| J | 70.13 | 0.75 | 65.54 | 0.22 | 64.46 | -0.52 | 0.15 | 0.50 |
| K | 69.00 | -0.38 | 65.00 | -0.32 | 65.00 | 0.02 | -0.22 | 0.24 |
| L | | | | | | | | |
| M | 68.29 | -1.09 | 63.79 | -1.53 | 62.51 | -2.47 | -1.69 | 1.69 |
| N | 69.87 | 0.50 | 63.44 | -1.88 | 65.71 | 0.73 | -0.22 | 1.03 |
| MEAN | 69.38 | | 65.32 | | 64.98 | | | 0.99 |
| STDEV | 0.79 | | 1.52 | | 1.36 | | | |



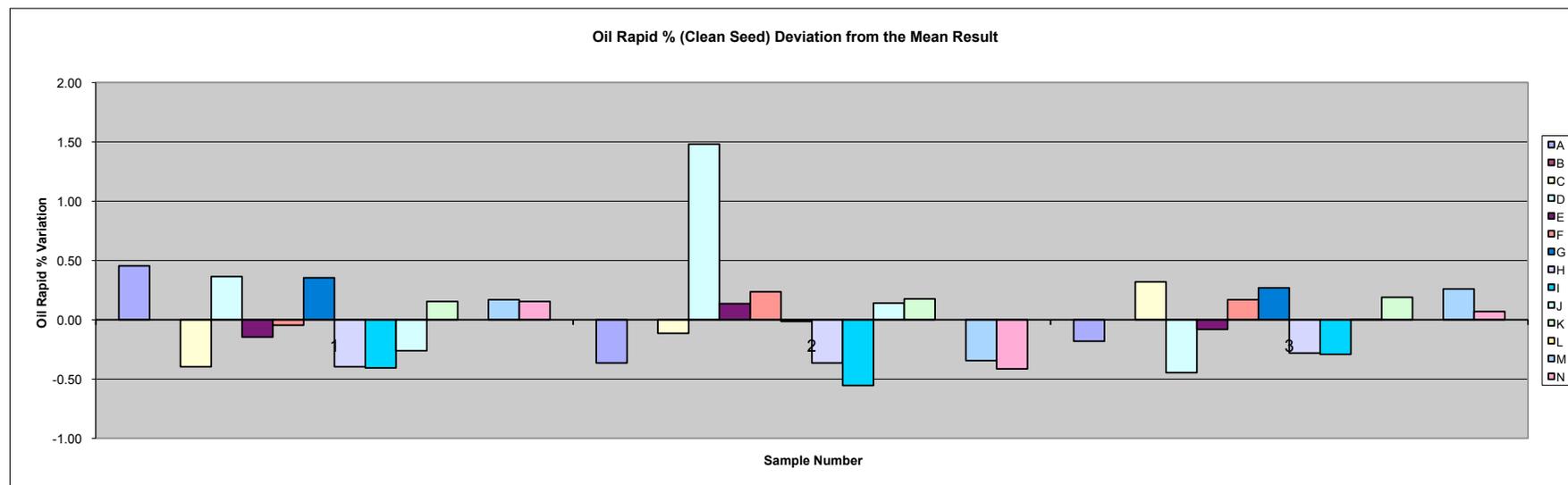
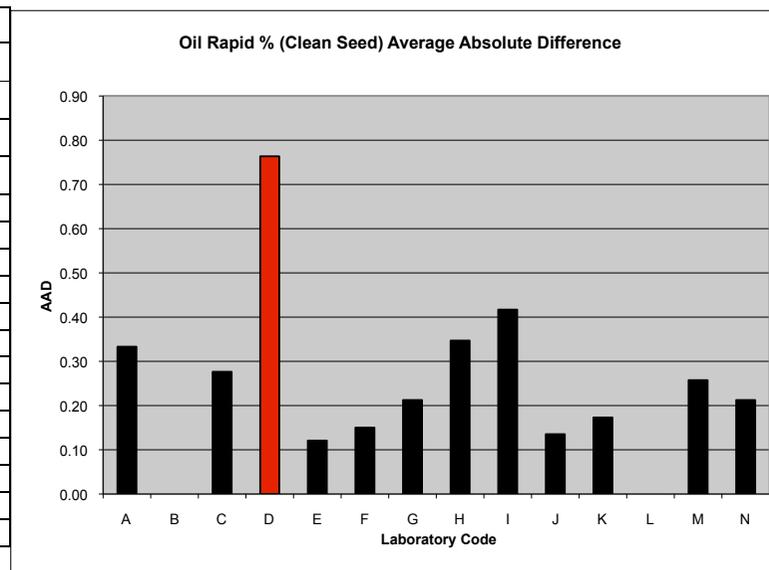
**2012 AOF Test Check Program
Round 6 Summary - June**

| Impurities % | | | | | | | | |
|--------------|-------------|---------|-------------|---------|-------------|---------|---------------------|-----------------------------|
| Lab | Sample 1 | | Sample 2 | | Sample 3 | | Mean of Differences | Average Absolute Difference |
| | Result | S1-Mean | Result | S2-Mean | Result | S3-Mean | | |
| A | 0.90 | 0.05 | 2.40 | 0.33 | 2.60 | -0.02 | 0.12 | 0.13 |
| B | 0.65 | -0.20 | 1.86 | -0.22 | 2.88 | 0.26 | -0.05 | 0.23 |
| C | 1.03 | 0.18 | 1.99 | -0.09 | 2.71 | 0.09 | 0.06 | 0.12 |
| D | 0.90 | 0.05 | 2.22 | 0.14 | 3.50 | 0.88 | 0.36 | 0.36 |
| E | 0.64 | -0.21 | 1.81 | -0.26 | 2.61 | -0.01 | -0.16 | 0.16 |
| F | 0.50 | -0.35 | 1.35 | -0.72 | 3.50 | 0.88 | -0.06 | 0.65 |
| G | | | 2.59 | 0.51 | 2.05 | -0.57 | | |
| H | 0.55 | -0.30 | 2.35 | 0.28 | 1.90 | -0.72 | -0.25 | 0.43 |
| I | 1.00 | 0.15 | 1.90 | -0.17 | 1.65 | -0.97 | -0.33 | 0.43 |
| J | 1.03 | 0.18 | 1.89 | -0.18 | 3.57 | 0.95 | 0.31 | 0.44 |
| K | 0.70 | -0.15 | 2.05 | -0.02 | 1.80 | -0.82 | -0.33 | 0.33 |
| L | | | | | | | | |
| M | 1.45 | 0.60 | 2.45 | 0.38 | 2.95 | 0.33 | 0.44 | 0.44 |
| N | 0.85 | 0.00 | 2.08 | 0.00 | 2.30 | -0.32 | -0.10 | 0.11 |
| MEAN | 0.85 | | 2.07 | | 2.62 | | | 0.32 |
| STDEV | 0.26 | | 0.33 | | 0.66 | | | |



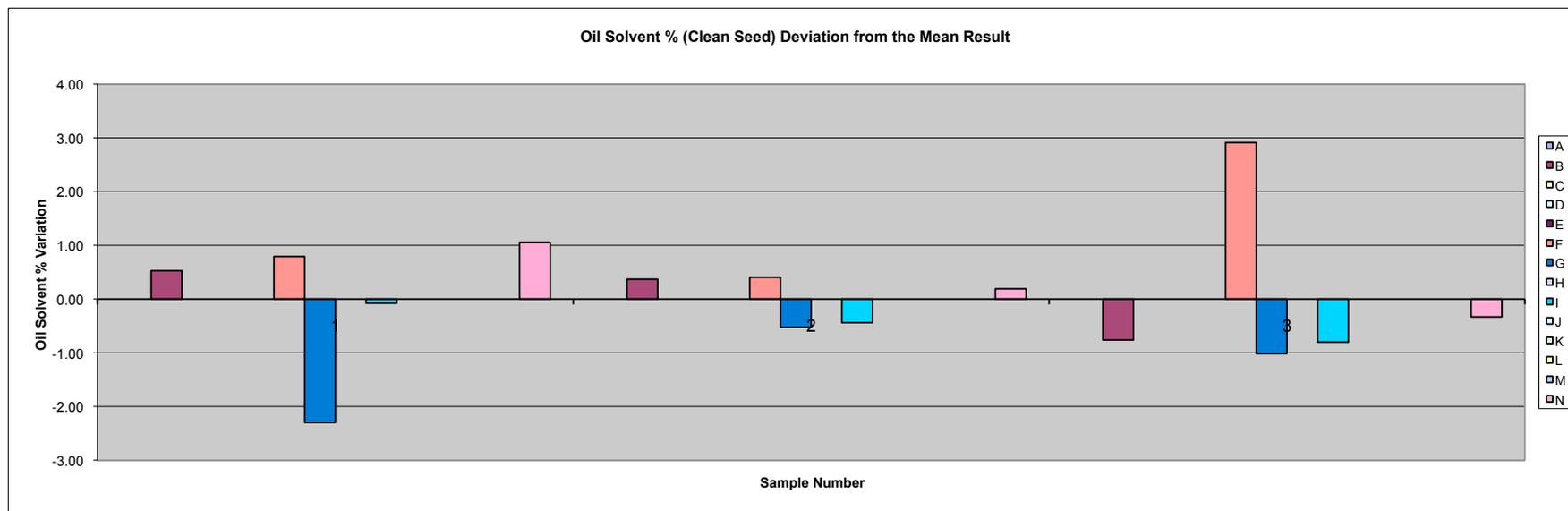
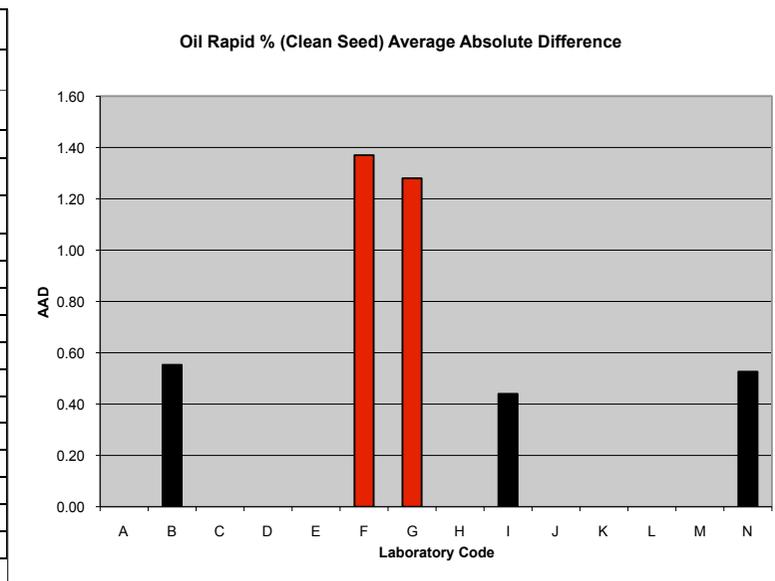
**2012 AOF Test Check Program
Round 6 Summary - June**

| 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 | 42.45 | 0.45 | 45.95 | -0.36 | 39.70 | -0.18 | -0.03 | 0.33 |
| B | | | | | | | | |
| C | 41.60 | -0.40 | 46.20 | -0.11 | 40.20 | 0.32 | -0.06 | 0.28 |
| D | 42.36 | 0.36 | 47.80 | 1.48 | 39.44 | -0.45 | 0.47 | 0.76 |
| E | 41.85 | -0.15 | 46.45 | 0.14 | 39.80 | -0.08 | -0.03 | 0.12 |
| F | 41.95 | -0.05 | 46.55 | 0.24 | 40.05 | 0.17 | 0.12 | 0.15 |
| G | 42.35 | 0.35 | 46.30 | -0.01 | 40.15 | 0.27 | 0.20 | 0.21 |
| H | 41.60 | -0.40 | 45.95 | -0.36 | 39.60 | -0.28 | -0.35 | 0.35 |
| I | 41.59 | -0.41 | 45.76 | -0.55 | 39.59 | -0.29 | -0.42 | 0.42 |
| J | 41.74 | -0.26 | 46.46 | 0.14 | 39.89 | 0.00 | -0.04 | 0.14 |
| K | 42.15 | 0.15 | 46.49 | 0.18 | 40.07 | 0.19 | 0.17 | 0.17 |
| L | | | | | | | | |
| M | 42.17 | 0.17 | 45.97 | -0.34 | 40.14 | 0.26 | 0.03 | 0.26 |
| N | 42.15 | 0.15 | 45.90 | -0.41 | 39.95 | 0.07 | -0.06 | 0.21 |
| MEAN | 42.00 | | 46.31 | | 39.88 | | | 0.28 |
| STDEV | 0.32 | | 0.54 | | 0.25 | | | |



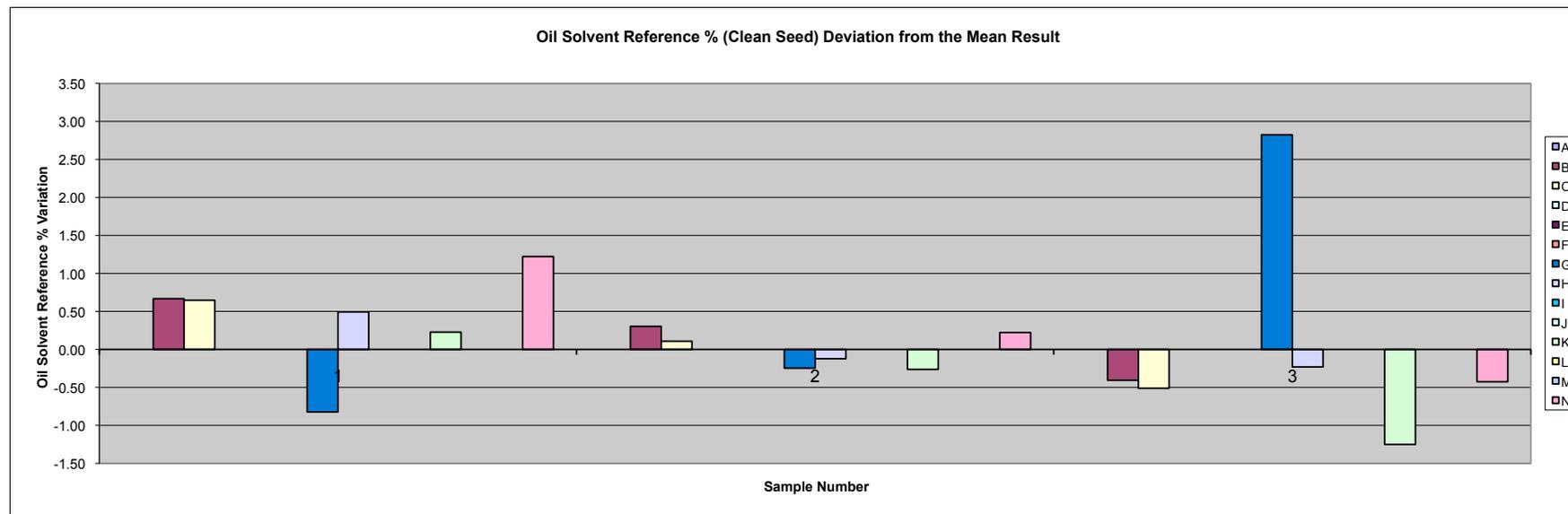
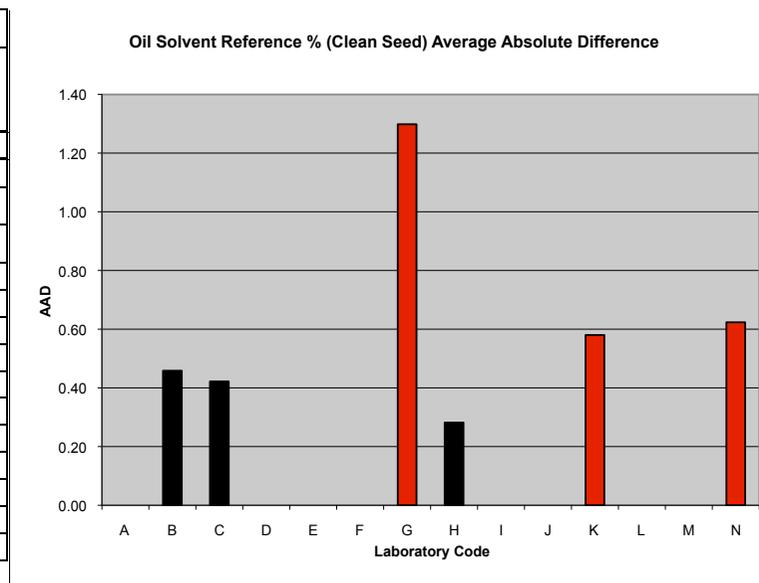
**2012 AOF Test Check Program
Round 6 Summary - June**

| 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 | | | | | | | | |
| B | 41.99 | 0.53 | 46.87 | 0.37 | 39.63 | -0.76 | 0.05 | 0.55 |
| C | | | | | | | | |
| D | | | | | | | | |
| E | | | | | | | | |
| F | 42.25 | 0.79 | 46.90 | 0.40 | 43.30 | 2.91 | 1.37 | 1.37 |
| G | 39.16 | -2.30 | 45.97 | -0.53 | 39.37 | -1.02 | -1.28 | 1.28 |
| H | | | | | | | | |
| I | 41.38 | -0.08 | 46.06 | -0.44 | 39.59 | -0.80 | -0.44 | 0.44 |
| J | | | | | | | | |
| K | | | | | | | | |
| L | | | | | | | | |
| M | | | | | | | | |
| N | 42.52 | 1.06 | 46.69 | 0.19 | 40.06 | -0.33 | 0.31 | 0.53 |
| MEAN | 41.46 | | 46.50 | | 40.39 | | | 0.83 |
| STDEV | 1.35 | | 0.45 | | 1.65 | | | |



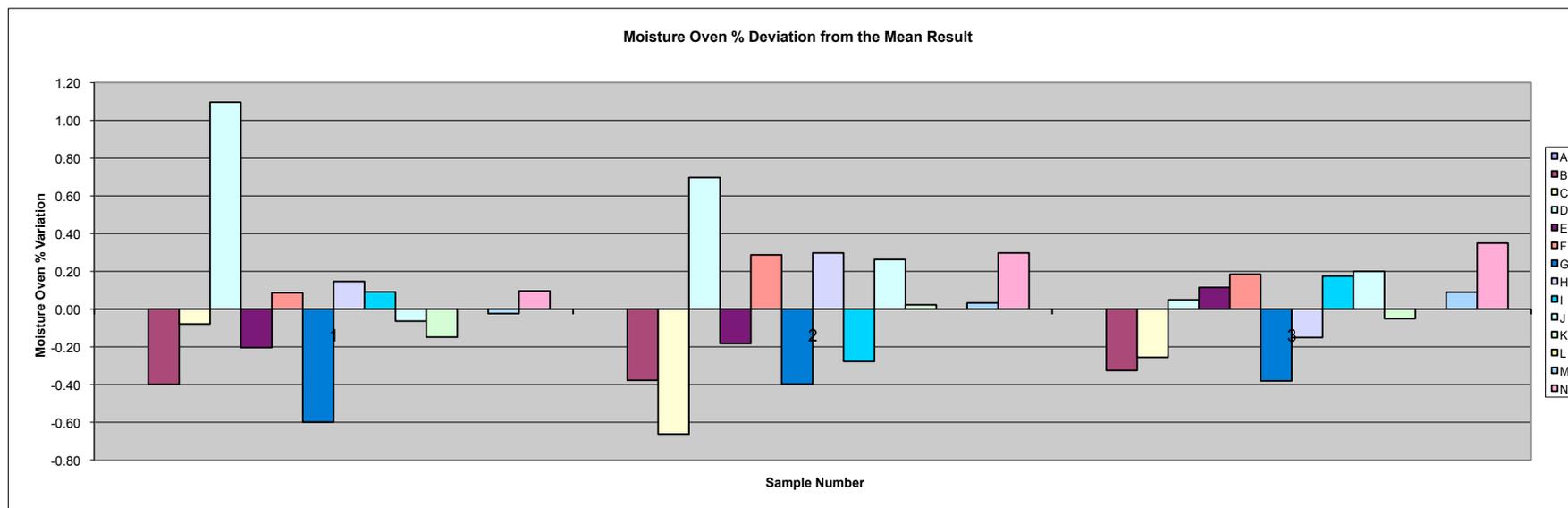
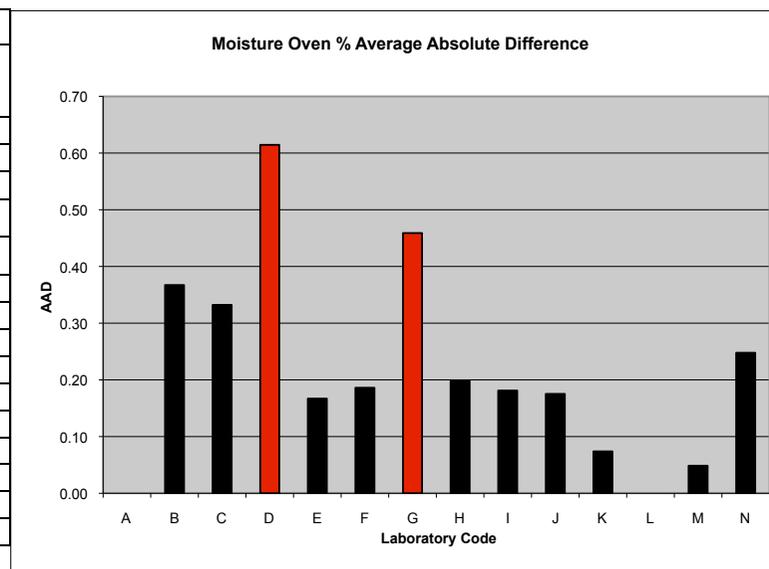
**2012 AOF Test Check Program
Round 6 Summary - June**

| 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 | 42.13 | 0.67 | 46.83 | 0.30 | 39.93 | -0.41 | 0.19 | 0.46 |
| C | 42.11 | 0.65 | 46.63 | 0.11 | 39.82 | -0.51 | 0.08 | 0.42 |
| D | | | | | | | | |
| E | | | | | | | | |
| F | | | | | | | | |
| G | 40.64 | -0.82 | 46.28 | -0.25 | 43.16 | 2.82 | 0.58 | 1.30 |
| H | 41.95 | 0.49 | 46.40 | -0.12 | 40.10 | -0.23 | 0.05 | 0.28 |
| I | | | | | | | | |
| J | | | | | | | | |
| K | 41.69 | 0.23 | 46.26 | -0.26 | 39.08 | -1.25 | -0.43 | 0.58 |
| L | | | | | | | | |
| M | | | | | | | | |
| N | 42.68 | 1.22 | 46.75 | 0.22 | 39.91 | -0.43 | 0.34 | 0.62 |
| MEAN | 41.86 | | 46.52 | | 40.33 | | | 0.61 |
| STDEV | 0.68 | | 0.24 | | 1.43 | | | |



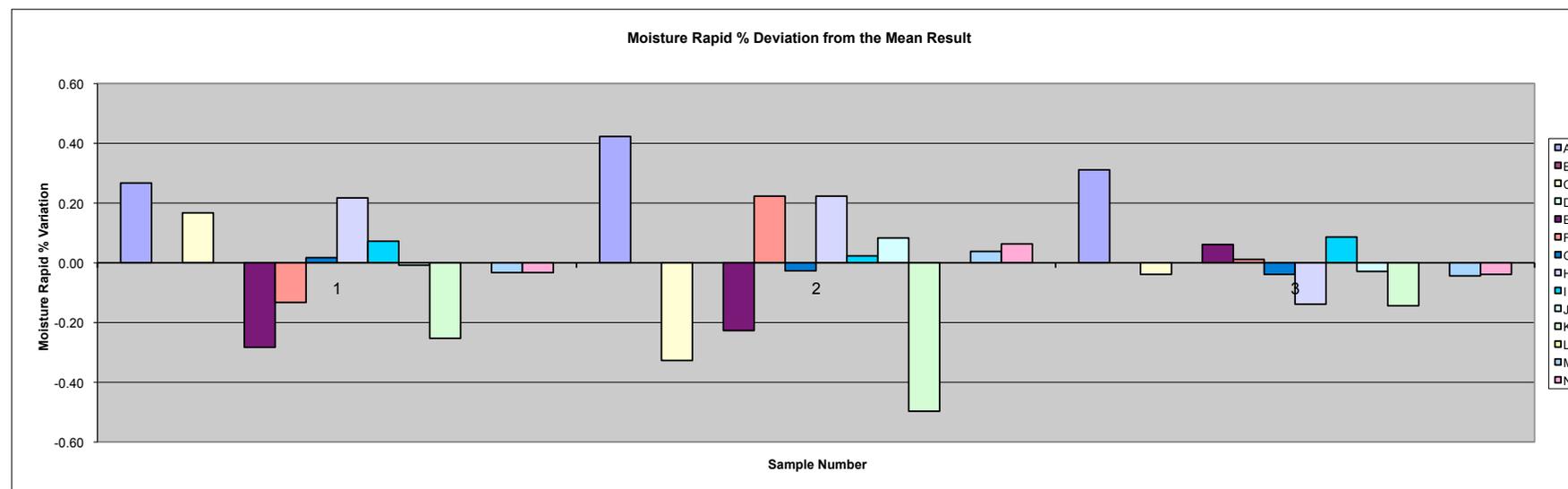
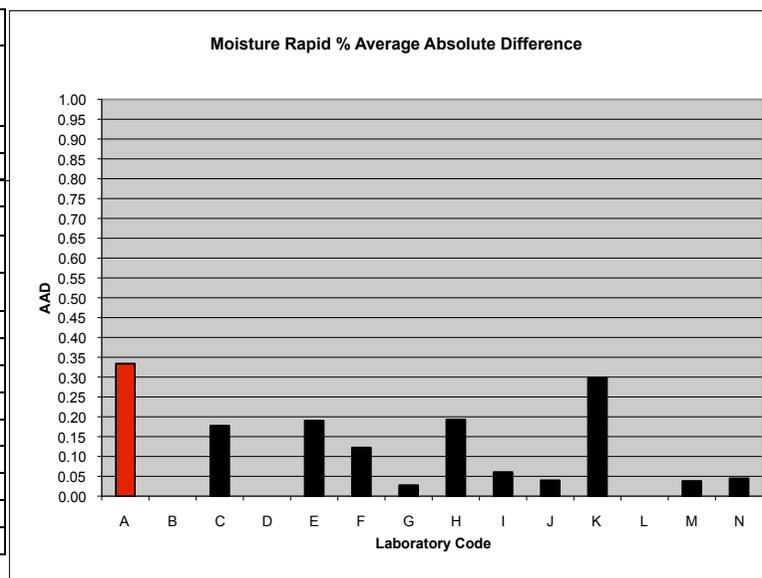
**2012 AOF Test Check Program
Round 6 Summary - June**

| 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 | 5.51 | -0.40 | 6.33 | -0.38 | 6.23 | -0.33 | -0.37 | 0.37 |
| C | 5.83 | -0.08 | 6.04 | -0.66 | 6.30 | -0.26 | -0.33 | 0.33 |
| D | 7.00 | 1.10 | 7.40 | 0.70 | 6.60 | 0.05 | 0.61 | 0.61 |
| E | 5.70 | -0.20 | 6.52 | -0.18 | 6.67 | 0.11 | -0.09 | 0.17 |
| F | 5.99 | 0.09 | 6.99 | 0.29 | 6.74 | 0.18 | 0.19 | 0.19 |
| G | 5.31 | -0.60 | 6.31 | -0.40 | 6.17 | -0.38 | -0.46 | 0.46 |
| H | 6.05 | 0.15 | 7.00 | 0.30 | 6.40 | -0.15 | 0.10 | 0.20 |
| I | 6.00 | 0.09 | 6.43 | -0.28 | 6.73 | 0.17 | 0.00 | 0.18 |
| J | 5.84 | -0.06 | 6.97 | 0.26 | 6.75 | 0.20 | 0.13 | 0.18 |
| K | 5.76 | -0.15 | 6.73 | 0.02 | 6.50 | -0.05 | -0.06 | 0.07 |
| L | | | | | | | | |
| M | 5.88 | -0.02 | 6.74 | 0.03 | 6.64 | 0.09 | 0.03 | 0.05 |
| N | 6.00 | 0.10 | 7.00 | 0.30 | 6.90 | 0.35 | 0.25 | 0.25 |
| MEAN | 5.90 | | 6.70 | | 6.55 | | | 0.25 |
| STDEV | 0.41 | | 0.39 | | 0.23 | | | |



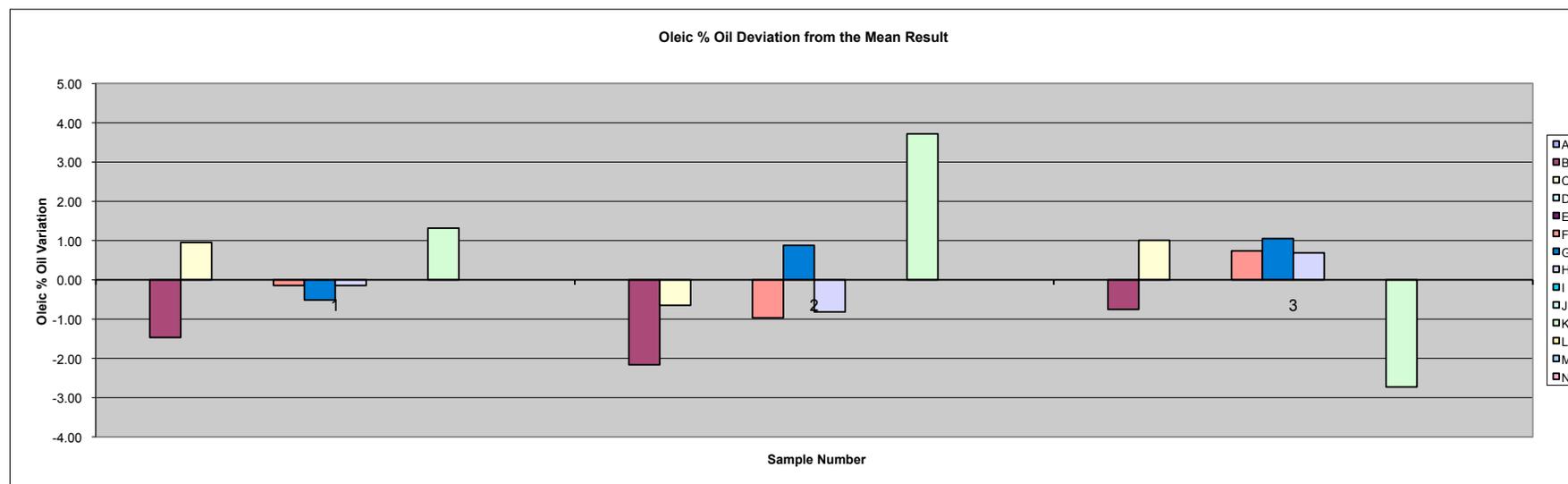
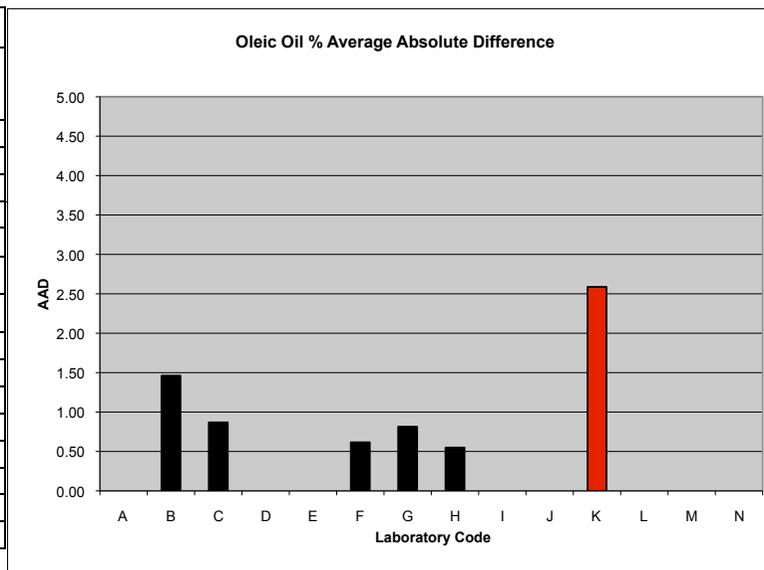
**2012 AOF Test Check Program
Round 6 Summary - June**

| 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 | 6.15 | 0.27 | 7.00 | 0.42 | 6.85 | 0.31 | 0.33 | 0.33 |
| B | | | | | | | | |
| C | 6.05 | 0.17 | 6.25 | -0.33 | 6.50 | -0.04 | -0.07 | 0.18 |
| D | | | | | | | | |
| E | 5.60 | -0.28 | 6.35 | -0.23 | 6.60 | 0.06 | -0.15 | 0.19 |
| F | 5.75 | -0.13 | 6.80 | 0.22 | 6.55 | 0.01 | 0.03 | 0.12 |
| G | 5.90 | 0.02 | 6.55 | -0.03 | 6.50 | -0.04 | -0.02 | 0.03 |
| H | 6.10 | 0.22 | 6.80 | 0.22 | 6.40 | -0.14 | 0.10 | 0.19 |
| I | 5.96 | 0.07 | 6.60 | 0.02 | 6.63 | 0.09 | 0.06 | 0.06 |
| J | 5.88 | -0.01 | 6.66 | 0.08 | 6.51 | -0.03 | 0.02 | 0.04 |
| K | 5.63 | -0.25 | 6.08 | -0.50 | 6.40 | -0.14 | -0.30 | 0.30 |
| L | | | | | | | | |
| M | 5.85 | -0.03 | 6.62 | 0.04 | 6.50 | -0.04 | -0.01 | 0.04 |
| N | 5.85 | -0.03 | 6.64 | 0.06 | 6.50 | -0.04 | 0.00 | 0.04 |
| MEAN | 5.88 | | 6.58 | | 6.54 | | | 0.14 |
| STDEV | 0.18 | | 0.26 | | 0.12 | | | |



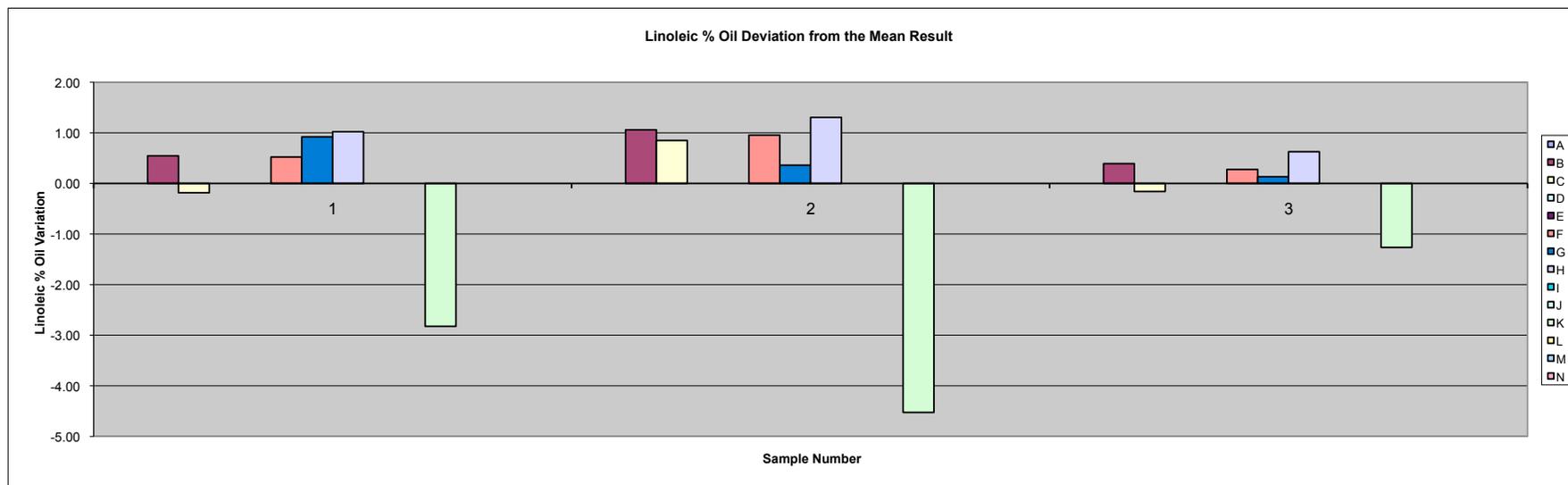
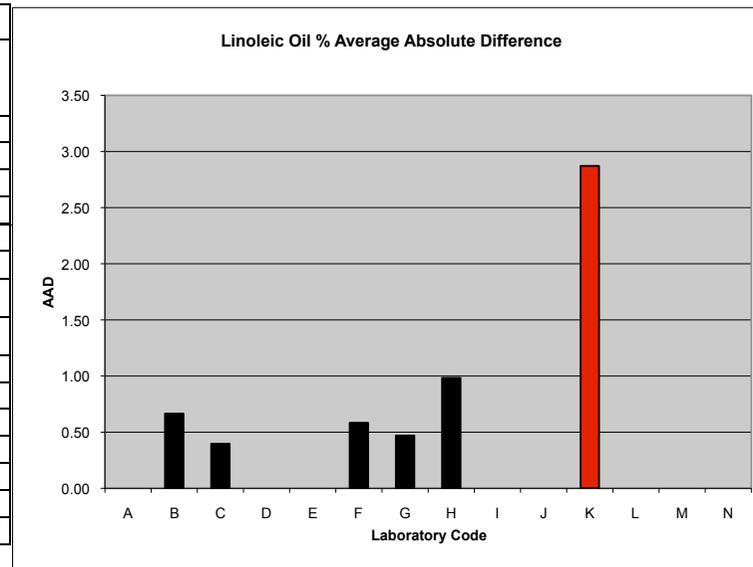
**2012 AOF Test Check Program
Round 6 Summary - June**

| 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 | | | | | | | | |
| B | 57.98 | -1.47 | 63.31 | -2.16 | 61.66 | -0.75 | -1.46 | 1.46 |
| C | 60.40 | 0.95 | 64.82 | -0.65 | 63.42 | 1.01 | 0.44 | 0.87 |
| D | | | | | | | | |
| E | | | | | | | | |
| F | 59.30 | -0.14 | 64.50 | -0.97 | 63.15 | 0.74 | -0.12 | 0.62 |
| G | 58.93 | -0.51 | 66.35 | 0.88 | 63.47 | 1.05 | 0.47 | 0.81 |
| H | 59.30 | -0.14 | 64.65 | -0.82 | 63.10 | 0.69 | -0.09 | 0.55 |
| I | | | | | | | | |
| J | | | | | | | | |
| K | 60.76 | 1.32 | 69.19 | 3.72 | 59.69 | -2.73 | 0.77 | 2.59 |
| L | | | | | | | | |
| M | | | | | | | | |
| N | | | | | | | | |
| MEAN | 59.44 | | 65.47 | | 62.41 | | | 1.15 |
| STDEV | 1.01 | | 2.06 | | 1.49 | | | |



**2012 AOF Test Check Program
Round 6 Summary - June**

| 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 | 21.83 | 0.55 | 18.26 | 1.06 | 19.17 | 0.39 | 0.67 | 0.67 | |
| C | 21.10 | -0.18 | 18.05 | 0.85 | 18.62 | -0.16 | 0.17 | 0.40 | |
| D | | | | | | | | | |
| E | | | | | | | | | |
| F | 21.80 | 0.52 | 18.15 | 0.95 | 19.05 | 0.28 | 0.58 | 0.58 | |
| G | 22.20 | 0.92 | 17.56 | 0.36 | 18.91 | 0.13 | 0.47 | 0.47 | |
| H | 22.30 | 1.02 | 18.50 | 1.30 | 19.40 | 0.63 | 0.98 | 0.98 | |
| I | | | | | | | | | |
| J | | | | | | | | | |
| K | 18.46 | -2.82 | 12.67 | -4.53 | 17.51 | -1.26 | -2.87 | 2.87 | |
| L | | | | | | | | | |
| M | | | | | | | | | |
| N | | | | | | | | | |
| MEAN | 21.28 | | 17.20 | | 18.77 | | | 1.00 | |
| STDEV | 1.45 | | 2.24 | | 0.67 | | | | |



**2012 AOF Test Check Program
Round 6 Summary - June**

| Free Fatty Acid % 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 | 0.28 | -0.05 | 0.08 | -0.13 | 2.23 | -0.03 | -0.07 | 0.07 |
| C | 0.32 | -0.01 | 0.21 | 0.00 | | | -0.01 | 0.01 |
| D | | | | | | | | |
| E | 0.51 | 0.18 | 0.53 | 0.33 | 3.21 | 0.95 | 0.48 | 0.48 |
| F | 0.32 | -0.01 | 0.21 | 0.01 | 2.40 | 0.14 | 0.05 | 0.05 |
| G | | | 0.24 | 0.03 | 2.00 | -0.26 | -0.11 | 0.15 |
| H | 0.24 | -0.09 | 0.08 | -0.12 | 1.78 | -0.49 | -0.23 | 0.23 |
| I | | | | | | | | |
| J | | | | | | | | |
| K | 0.32 | -0.01 | 0.10 | -0.11 | 1.95 | -0.31 | -0.14 | 0.14 |
| L | | | | | | | | |
| M | | | | | | | | |
| N | | | | | | | | |
| MEAN | 0.33 | | 0.20 | | 2.26 | | | 0.16 |
| STDEV | 0.09 | | 0.16 | | 0.51 | | | |

