



2014 AOF Test Check Program
Monthly Report
Round 9
September - 2014
01/09/2014 – 01/10/2014

Result Receiving Dates

| Lab Code | Date |
|----------|------------|
| A | 05/09/2014 |
| B | 25/09/2014 |
| C | 01/10/2014 |
| D | 29/09/2014 |
| E | 08/09/2014 |
| F | - |
| G | 29/09/2014 |
| H | 01/10/2014 |
| I | 30/09/2014 |
| J | 26/09/2014 |
| K | 01/10/2014 |
| L | 30/09/2014 |
| M | 01/10/2014 |
| N | 09/09/2014 |
| O | 26/09/2014 |
| Q | 17/09/2014 |
| R | 13/09/2014 |
| S | 26/09/2014 |

Discussion of Results

Test Weight

Sample 1 – One outlier was identified for Lab **D** with a 14.3 h/L discrepancy from the lower quartile limit (65.65 h/L).

Sample 2 – One outlier was identified for Lab **D** with a 2.11 h/L discrepancy from the lower quartile limit (64.98 h/L).

Sample 3 – One outlier was identified for Lab **D** with a 0.15 h/L discrepancy from the upper quartile limit (66.04 h/L).



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Impurities

No outliers were observed for this test.

Oil Rapid

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab **N** with a 0.48 of a percent discrepancy from the lower quartile limit (38.58%).

Sample 3 – No outliers were observed.

Oil Solvent Extraction

Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab **S** with a 0.28 of a percent discrepancy from the lower quartile limit (40.18%).

Sample 3 – No outliers were observed.

Moisture Oven

Sample 1 – Outliers were identified for Lab **D** and **R**. Lab **D** was 0.11 of a percent discrepancy from the upper quartile limit (8.19%). Lab **R** was 0.63 of a percent discrepancy from the lower quartile limit (5.06%).

Sample 2 – Outliers were identified for Lab **C**, **D** and **S**. Lab **D** and **S** result in a 0.48 and 0.08 of a percent discrepancy, respectively, from the upper quartile limit (5.92%). Lab **R** was 0.41 of a percent discrepancy from the lower quartile limit (4.96%).

Sample 3 – Outliers were identified for Lab **D** and **R**. Lab **D** was 0.46 of a percent discrepancy from the upper quartile limit (5.94%). Lab **R** was 0.44 of a percent discrepancy from the lower quartile limit (4.82%).



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Moisture Rapid

Sample 1 – Outliers identified for labs **I** and **R** were 1.27 and 1.87 of a percent, respectively, from the lower quartile limit (7.07%).

Sample 2 – Outliers identified for labs **I** and **R** were 0.05 and 0.3 of a percent, respectively, from the lower quartile limit (4.80%).

Sample 3 – No outliers were observed.

Oleic Oil

Sample 1 – One outlier was identified for Lab **H** with a 2.01 of a percent discrepancy from the upper quartile limit (71.24%).

Sample 2 – One outlier was identified for Lab **H** with a 1.8 of a percent discrepancy from the upper quartile limit (66.3%).

Sample 3 – No outliers were observed.

Linoleic Oil

Sample 1 – No outliers were observed.

Sample 2 – No outliers were observed.

Sample 3 – One outlier was identified for Lab **E** with a 0.63 of a percent discrepancy from the lower quartile limit (17.87%).

Free Fatty Acid

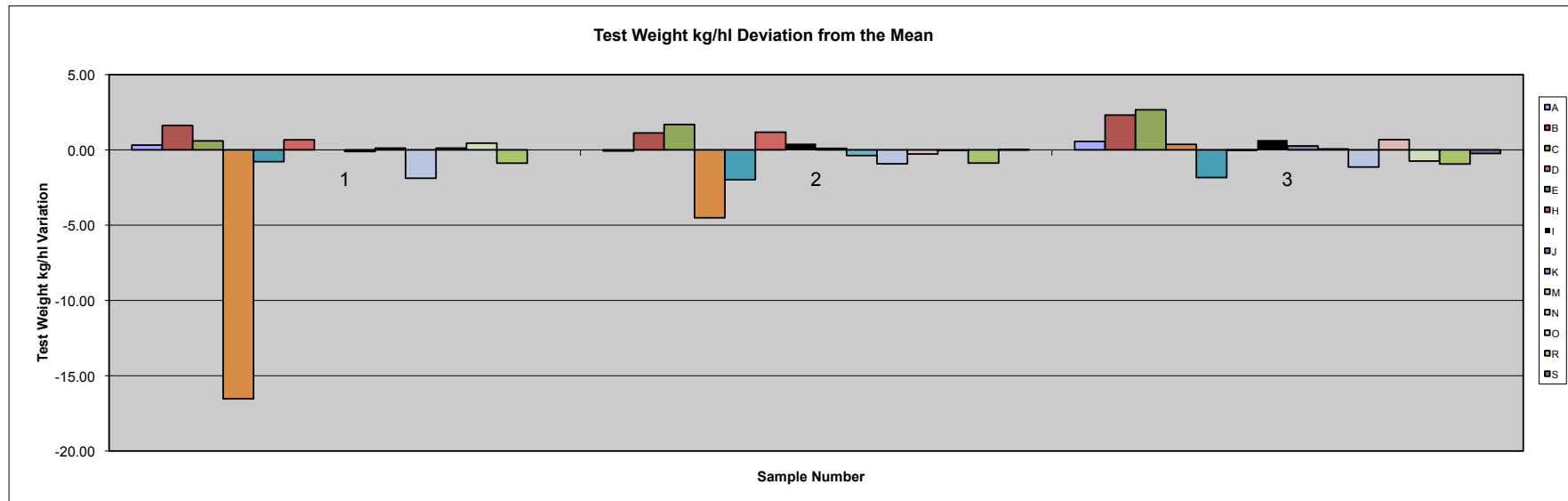
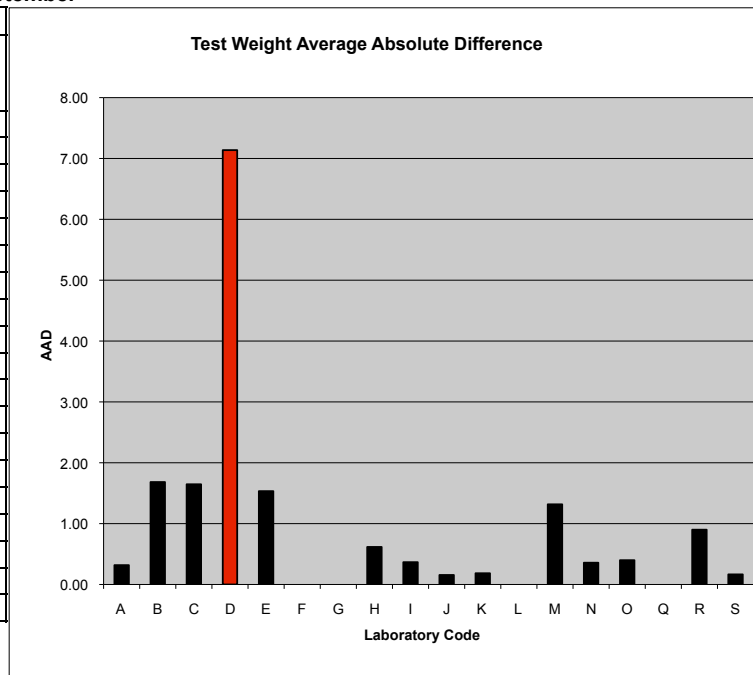
Sample 1 – No outliers were observed.

Sample 2 – One outlier was identified for Lab **E** with a 0.04 of a percent discrepancy from the upper quartile limit (0.78%).

Sample 3 – One outlier was identified for Lab **E** with a 0.12 of a percent discrepancy from the upper quartile limit (0.35%).

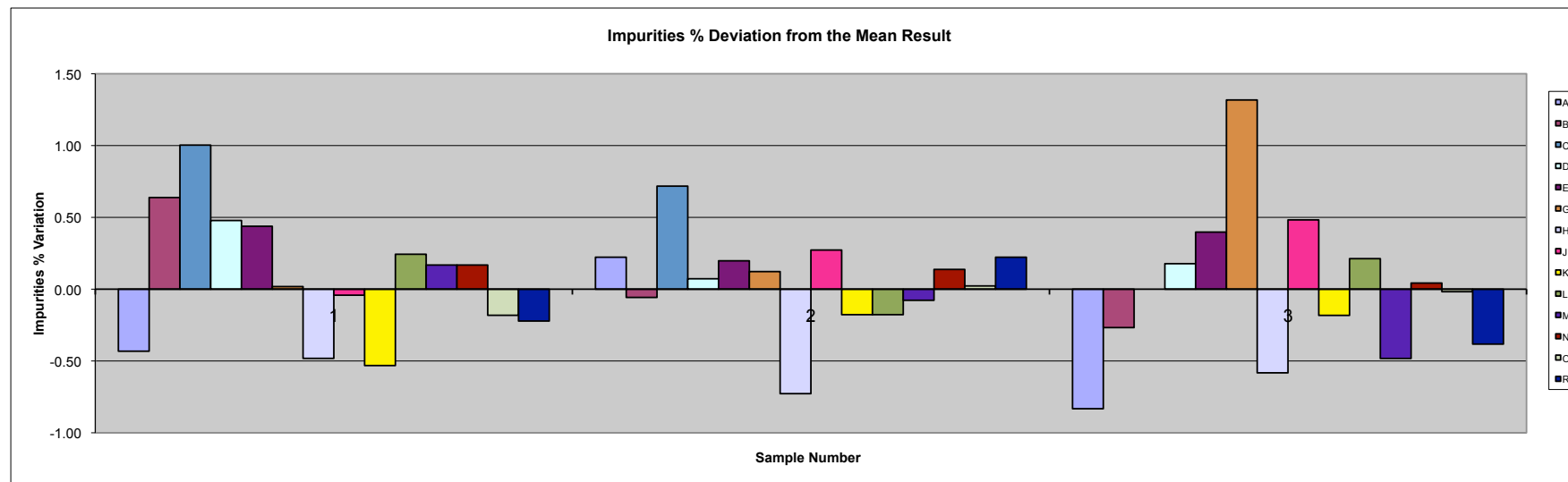
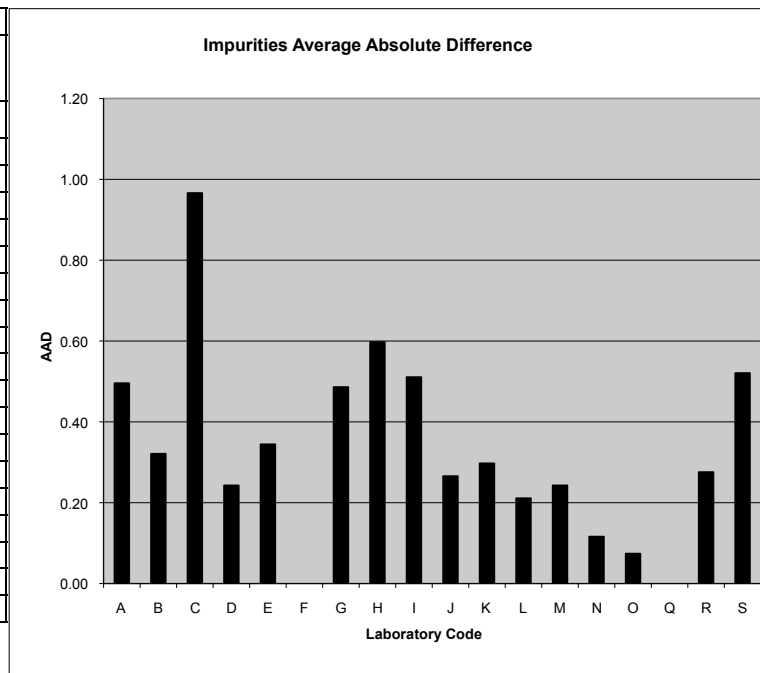
**2014 AOF Test Check Program
Round 9 Summary - September**

| 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 | 68.20 | 0.32 | 67.30 | -0.08 | 64.50 | 0.56 | 0.27 | 0.32 |
| B | 69.50 | 1.62 | 68.50 | 1.12 | 66.25 | 2.31 | 1.68 | 1.68 |
| C | 68.48 | 0.60 | 69.06 | 1.68 | 66.60 | 2.66 | 1.65 | 1.65 |
| D | 51.35 | -16.53 | 62.87 | -4.51 | 64.31 | 0.37 | -6.89 | 7.14 |
| E | 67.10 | -0.78 | 65.40 | -1.98 | 62.10 | -1.84 | -1.53 | 1.53 |
| F | | | | | | | | |
| G | | | | | | | | |
| H | 68.55 | 0.67 | 68.55 | 1.17 | 63.95 | 0.01 | 0.62 | 0.62 |
| I | 67.91 | 0.03 | 67.80 | 0.42 | 64.60 | 0.66 | 0.37 | 0.37 |
| J | 67.78 | -0.11 | 67.48 | 0.10 | 64.20 | 0.26 | 0.08 | 0.16 |
| K | 68.00 | 0.12 | 67.00 | -0.38 | 64.00 | 0.06 | -0.07 | 0.18 |
| L | | | | | | | | |
| M | 66.00 | -1.88 | 66.45 | -0.93 | 62.80 | -1.14 | -1.32 | 1.32 |
| N | 68.00 | 0.12 | 67.10 | -0.28 | 64.62 | 0.68 | 0.17 | 0.36 |
| O | 68.33 | 0.45 | 67.37 | -0.01 | 63.20 | -0.74 | -0.10 | 0.40 |
| Q | | | | | | | | |
| R | 67.00 | -0.88 | 66.50 | -0.88 | 63.00 | -0.94 | -0.90 | 0.90 |
| S | 67.88 | 0.00 | 67.40 | 0.02 | 63.70 | -0.24 | -0.15 | 0.17 |
| MEAN | 67.88 | | 67.38 | | 63.94 | | | 1.20 |
| STDEV | 0.85 | | 0.98 | | 1.04 | | | |



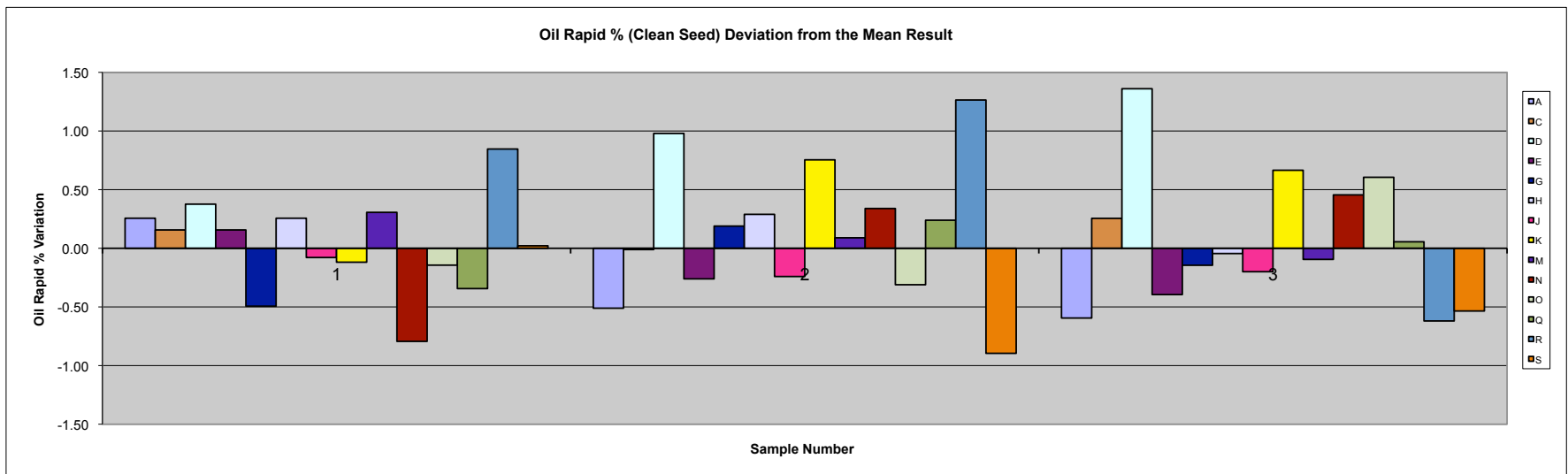
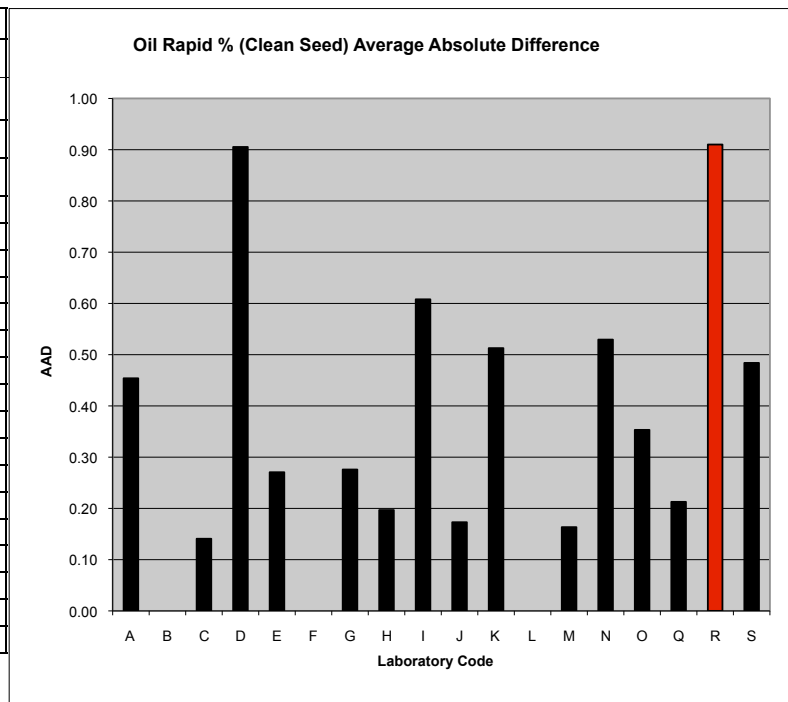
**2014 AOF Test Check Program
Round 9 Summary - September**

| Impurities % | | | | | | | | |
|--------------|-------------|---------|-------------|---------|-------------|---------|---------------------|-----------------------------|
| Lab | Sample 1 | | Sample 2 | | Sample 3 | | Mean of Differences | Average Absolute Difference |
| | Result | S1-Mean | Result | S2-Mean | Result | S3-Mean | | |
| A | 1.30 | -0.43 | 1.40 | 0.22 | 2.35 | -0.83 | -0.35 | 0.50 |
| B | 2.37 | 0.64 | 1.12 | -0.06 | 2.92 | -0.27 | 0.10 | 0.32 |
| C | 2.74 | 1.00 | 1.90 | 0.72 | 4.36 | 1.18 | 0.97 | 0.97 |
| D | 2.21 | 0.48 | 1.25 | 0.07 | 3.36 | 0.18 | 0.24 | 0.24 |
| E | 2.17 | 0.44 | 1.38 | 0.20 | 3.58 | 0.40 | 0.34 | 0.34 |
| F | | | | | | | | |
| G | 1.75 | 0.02 | 1.30 | 0.12 | 4.50 | 1.32 | 0.49 | 0.49 |
| H | 1.25 | -0.48 | 0.45 | -0.73 | 2.60 | -0.58 | -0.60 | 0.60 |
| I | 1.06 | -0.67 | 0.70 | -0.48 | 2.80 | -0.38 | -0.51 | 0.51 |
| J | 1.69 | -0.04 | 1.45 | 0.27 | 3.67 | 0.48 | 0.24 | 0.27 |
| K | 1.20 | -0.53 | 1.00 | -0.18 | 3.00 | -0.18 | -0.30 | 0.30 |
| L | 1.98 | 0.24 | 1.00 | -0.18 | 3.40 | 0.21 | 0.09 | 0.21 |
| M | 1.90 | 0.17 | 1.10 | -0.08 | 2.70 | -0.48 | -0.13 | 0.24 |
| N | 1.90 | 0.17 | 1.32 | 0.14 | 3.23 | 0.04 | 0.12 | 0.12 |
| O | 1.55 | -0.18 | 1.20 | 0.02 | 3.17 | -0.02 | -0.06 | 0.07 |
| Q | | | | | | | | |
| R | 1.51 | -0.22 | 1.40 | 0.22 | 2.80 | -0.38 | -0.13 | 0.28 |
| S | 1.14 | -0.59 | 0.89 | -0.29 | 2.51 | -0.68 | -0.52 | 0.52 |
| MEAN | 1.73 | | 1.18 | | 3.18 | | | 0.37 |
| STDEV | 0.49 | | 0.33 | | 0.62 | | | |



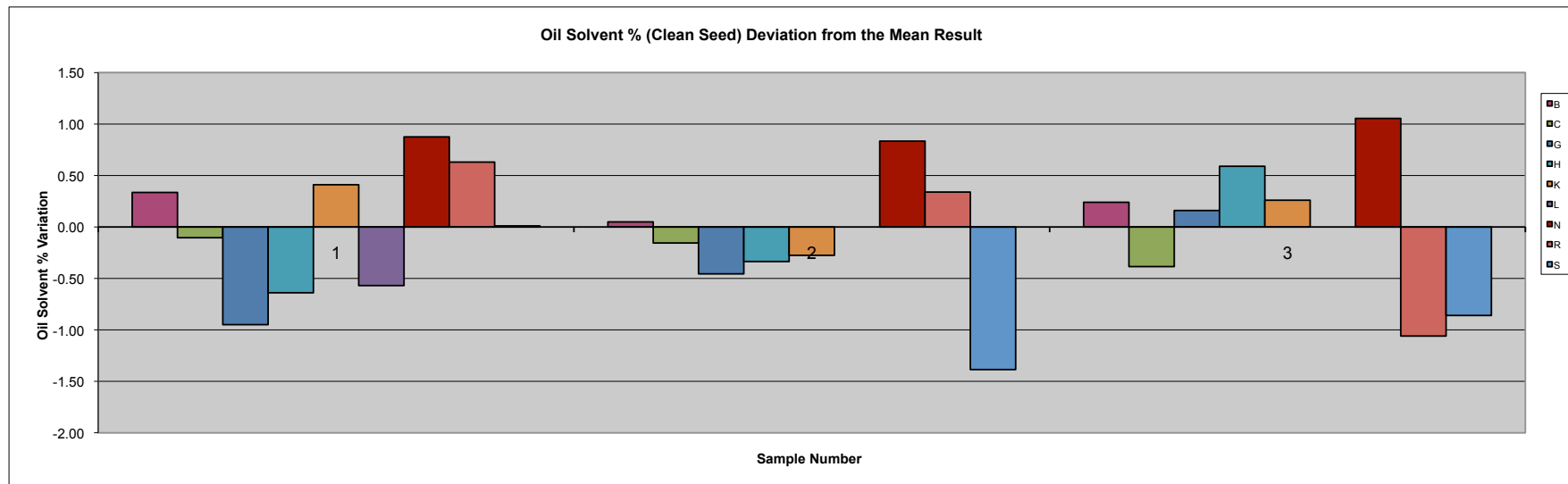
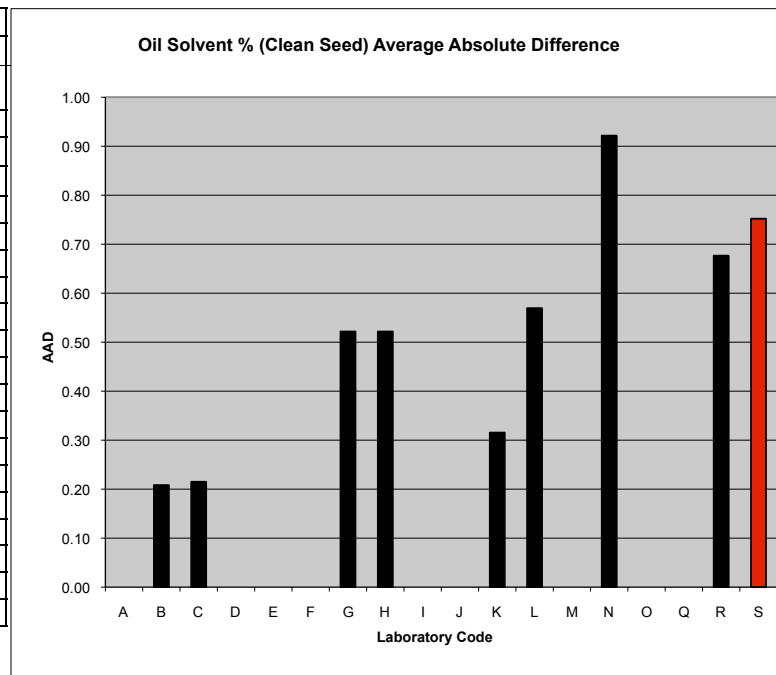
**2014 AOF Test Check Program
Round 9 Summary - September**

| 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 | 39.45 | 0.26 | 40.75 | -0.51 | 44.00 | -0.59 | -0.28 | 0.45 |
| B | | | | | | | | |
| C | 39.35 | 0.16 | 41.25 | -0.01 | 44.85 | 0.26 | 0.13 | 0.14 |
| D | 39.57 | 0.38 | 42.24 | 0.98 | 45.96 | 1.36 | 0.91 | 0.91 |
| E | 39.35 | 0.16 | 41.00 | -0.26 | 44.20 | -0.39 | -0.17 | 0.27 |
| F | | | | | | | | |
| G | 38.70 | -0.49 | 41.45 | 0.19 | 44.45 | -0.14 | -0.15 | 0.28 |
| H | 39.45 | 0.26 | 41.55 | 0.29 | 44.55 | -0.04 | 0.17 | 0.20 |
| I | 38.79 | -0.40 | 40.61 | -0.65 | 43.83 | -0.77 | -0.61 | 0.61 |
| J | 39.12 | -0.08 | 41.02 | -0.24 | 44.40 | -0.20 | -0.17 | 0.17 |
| K | 39.08 | -0.12 | 42.02 | 0.75 | 45.26 | 0.67 | 0.43 | 0.51 |
| L | | | | | | | | |
| M | 39.50 | 0.31 | 41.35 | 0.09 | 44.50 | -0.09 | 0.10 | 0.16 |
| N | 38.40 | -0.79 | 41.60 | 0.34 | 45.05 | 0.46 | 0.00 | 0.53 |
| O | 39.05 | -0.14 | 40.95 | -0.31 | 45.20 | 0.61 | 0.05 | 0.35 |
| Q | 38.85 | -0.34 | 41.50 | 0.24 | 44.65 | 0.06 | -0.02 | 0.21 |
| R | 40.04 | 0.85 | 42.53 | 1.26 | 43.98 | -0.62 | 0.50 | 0.91 |
| S | 39.22 | 0.02 | 40.37 | -0.90 | 44.06 | -0.53 | -0.47 | 0.48 |
| MEAN | 39.19 | | 41.26 | | 44.59 | | | 0.41 |
| STDEV | 0.41 | | 0.52 | | 0.58 | | | |



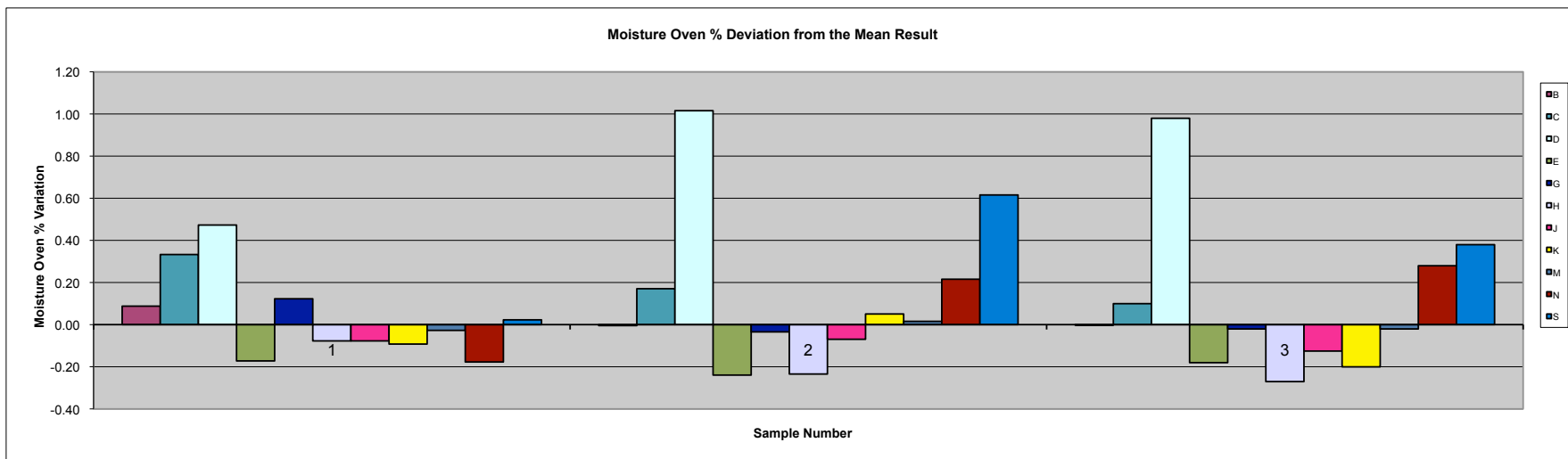
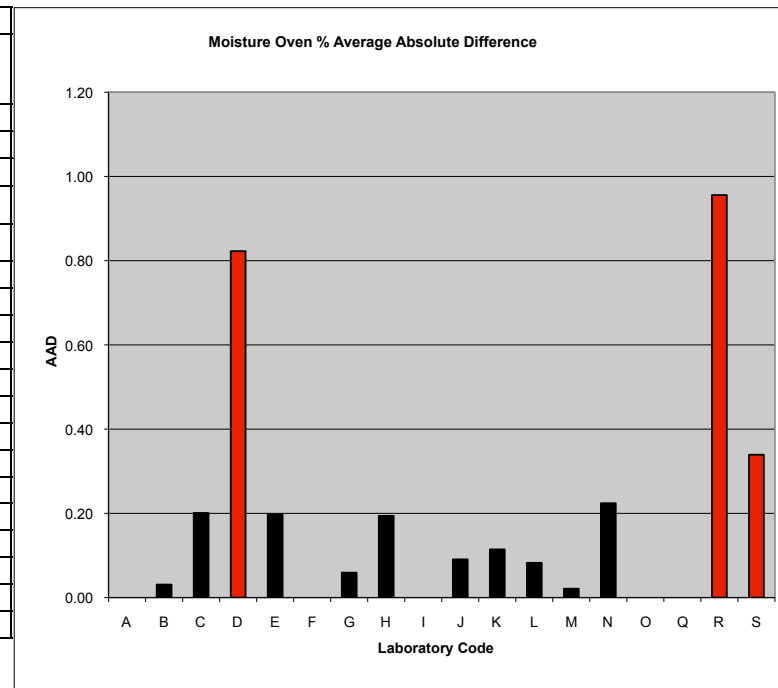
**2014 AOF Test Check Program
Round 9 Summary - September**

| 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 | 39.13 | 0.34 | 41.34 | 0.05 | 44.80 | 0.24 | 0.21 | 0.21 |
| C | 38.69 | -0.10 | 41.13 | -0.16 | 44.18 | -0.38 | -0.22 | 0.22 |
| D | | | | | | | | |
| E | | | | | | | | |
| F | | | | | | | | |
| G | 37.84 | -0.95 | 40.83 | -0.46 | 44.72 | 0.16 | -0.42 | 0.52 |
| H | 38.15 | -0.64 | 40.95 | -0.34 | 45.15 | 0.59 | -0.13 | 0.52 |
| I | | | | | | | | |
| J | | | | | | | | |
| K | 39.20 | 0.41 | 41.01 | -0.28 | 44.82 | 0.26 | 0.13 | 0.32 |
| L | 38.22 | -0.57 | | | | | -0.57 | 0.57 |
| M | | | | | | | | |
| N | 39.67 | 0.88 | 42.12 | 0.83 | 45.62 | 1.06 | 0.92 | 0.92 |
| O | | | | | | | | |
| Q | | | | | | | | |
| R | 39.42 | 0.63 | 41.63 | 0.34 | 43.50 | -1.06 | -0.03 | 0.68 |
| S | 38.80 | 0.01 | 39.90 | -1.39 | 43.70 | -0.86 | -0.75 | 0.75 |
| MEAN | 38.79 | | 41.29 | | 44.56 | | | 0.52 |
| STDEV | 0.62 | | 0.45 | | 0.72 | | | |



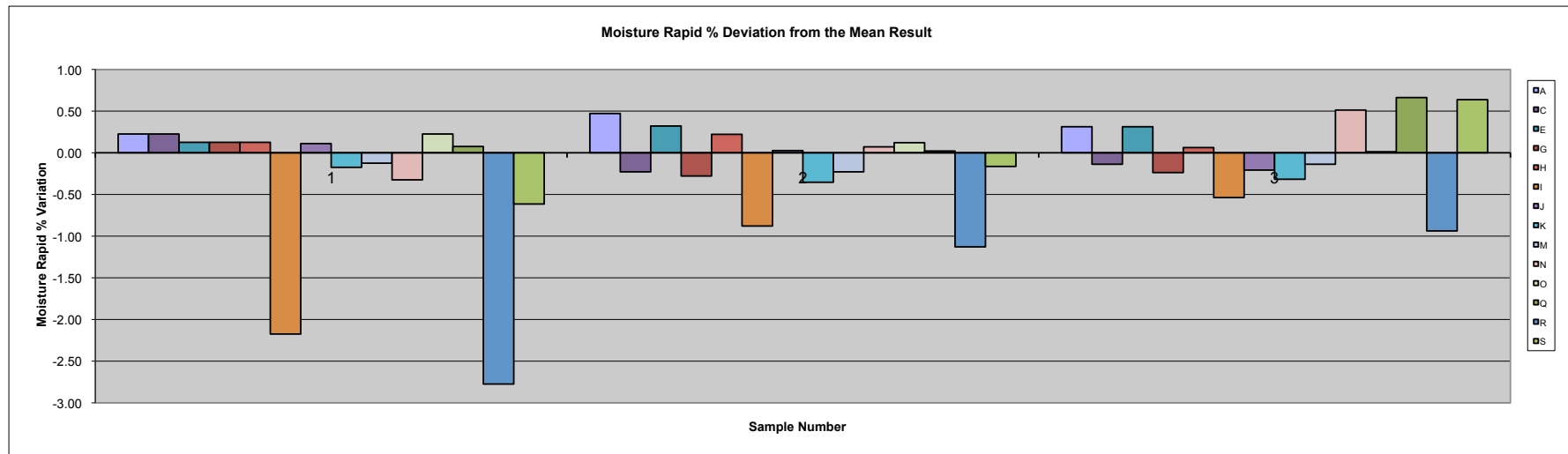
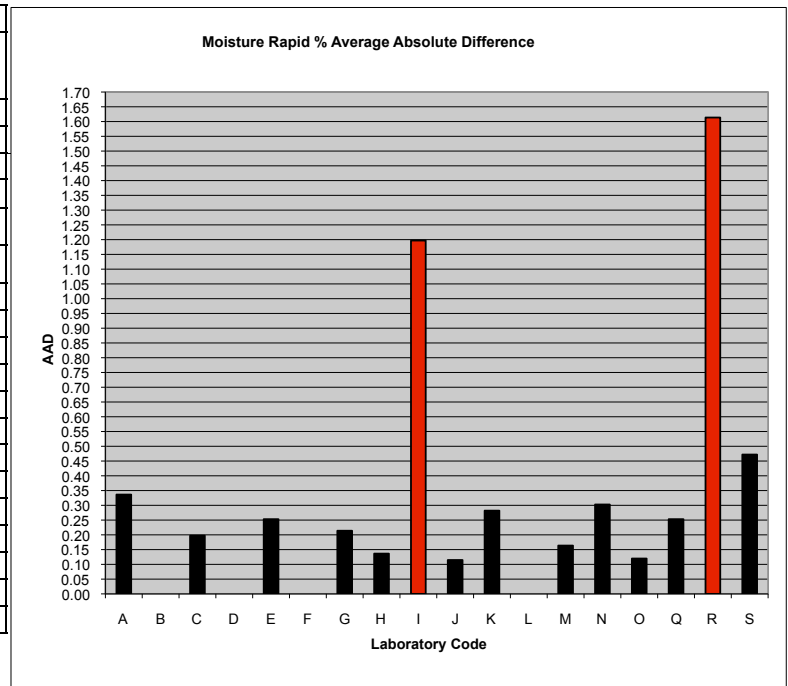
**2014 AOF Test Check Program
Round 9 Summary - September**

| 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 | 7.92 | 0.09 | 5.38 | 0.00 | 5.42 | 0.00 | 0.03 | 0.03 |
| C | 8.16 | 0.33 | 5.56 | 0.17 | 5.52 | 0.10 | 0.20 | 0.20 |
| D | 8.30 | 0.47 | 6.40 | 1.02 | 6.40 | 0.98 | 0.82 | 0.82 |
| E | 7.66 | -0.17 | 5.15 | -0.24 | 5.24 | -0.18 | -0.20 | 0.20 |
| F | | | | | | | | |
| G | 7.95 | 0.12 | 5.35 | -0.03 | 5.40 | -0.02 | 0.02 | 0.06 |
| H | 7.75 | -0.08 | 5.15 | -0.23 | 5.15 | -0.27 | -0.19 | 0.19 |
| I | | | | | | | | |
| J | 7.75 | -0.08 | 5.32 | -0.07 | 5.30 | -0.13 | -0.09 | 0.09 |
| K | 7.74 | -0.09 | 5.44 | 0.05 | 5.22 | -0.20 | -0.08 | 0.11 |
| L | 7.89 | 0.06 | 5.52 | 0.13 | 5.48 | 0.06 | 0.08 | 0.08 |
| M | 7.80 | -0.03 | 5.40 | 0.02 | 5.40 | -0.02 | -0.01 | 0.02 |
| N | 7.65 | -0.18 | 5.60 | 0.22 | 5.70 | 0.28 | 0.11 | 0.22 |
| O | | | | | | | | |
| Q | | | | | | | | |
| R | 6.84 | -0.99 | 4.55 | -0.83 | 4.38 | -1.05 | -0.96 | 0.96 |
| S | 7.85 | 0.02 | 6.00 | 0.62 | 5.80 | 0.38 | 0.34 | 0.34 |
| MEAN | 7.83 | | 5.38 | | 5.42 | | | 0.26 |
| STDEV | 0.15 | | 0.15 | | 0.20 | | | |



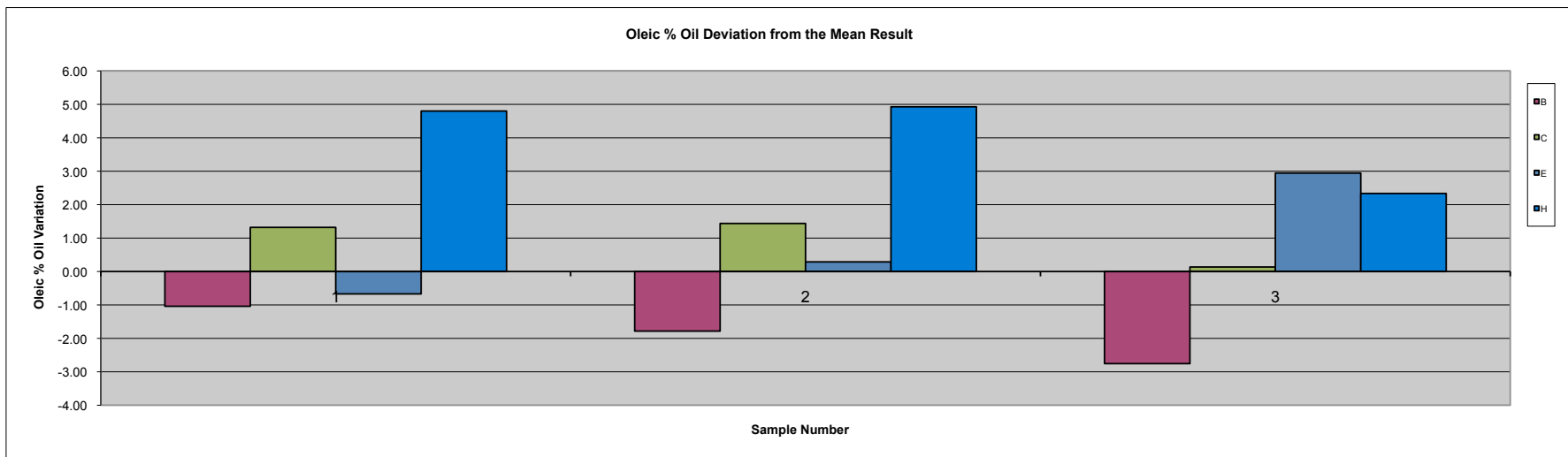
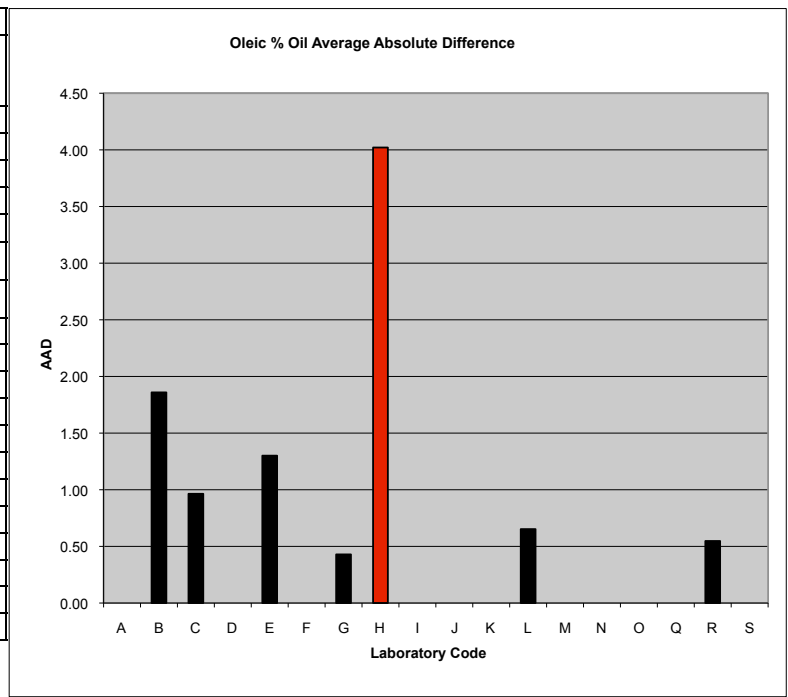
**2014 AOF Test Check Program
Round 9 Summary - September**

| 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 | 8.20 | 0.23 | 6.10 | 0.47 | 5.50 | 0.31 | 0.34 | 0.34 |
| B | | | | | | | | |
| C | 8.20 | 0.23 | 5.40 | -0.23 | 5.05 | -0.14 | -0.05 | 0.20 |
| D | | | | | | | | |
| E | 8.10 | 0.13 | 5.95 | 0.32 | 5.50 | 0.31 | 0.25 | 0.25 |
| F | | | | | | | | |
| G | 8.10 | 0.13 | 5.35 | -0.28 | 4.95 | -0.24 | -0.13 | 0.21 |
| H | 8.10 | 0.13 | 5.85 | 0.22 | 5.25 | 0.06 | 0.14 | 0.14 |
| I | 5.80 | -2.17 | 4.75 | -0.88 | 4.65 | -0.54 | -1.20 | 1.20 |
| J | 8.09 | 0.11 | 5.66 | 0.03 | 4.98 | -0.21 | -0.02 | 0.11 |
| K | 7.80 | -0.17 | 5.28 | -0.35 | 4.87 | -0.32 | -0.28 | 0.28 |
| L | | | | | | | | |
| M | 7.85 | -0.12 | 5.40 | -0.23 | 5.05 | -0.14 | -0.16 | 0.16 |
| N | 7.65 | -0.32 | 5.70 | 0.07 | 5.70 | 0.51 | 0.09 | 0.30 |
| O | 8.20 | 0.23 | 5.75 | 0.12 | 5.20 | 0.01 | 0.12 | 0.12 |
| Q | 8.05 | 0.08 | 5.65 | 0.02 | 5.85 | 0.66 | 0.25 | 0.25 |
| R | 5.20 | -2.77 | 4.50 | -1.13 | 4.25 | -0.94 | -1.61 | 1.61 |
| S | 7.36 | -0.61 | 5.47 | -0.16 | 5.83 | 0.64 | -0.05 | 0.47 |
| MEAN | 7.97 | | 5.63 | | 5.19 | | | 0.40 |
| STDEV | 0.26 | | 0.26 | | 0.46 | | | |



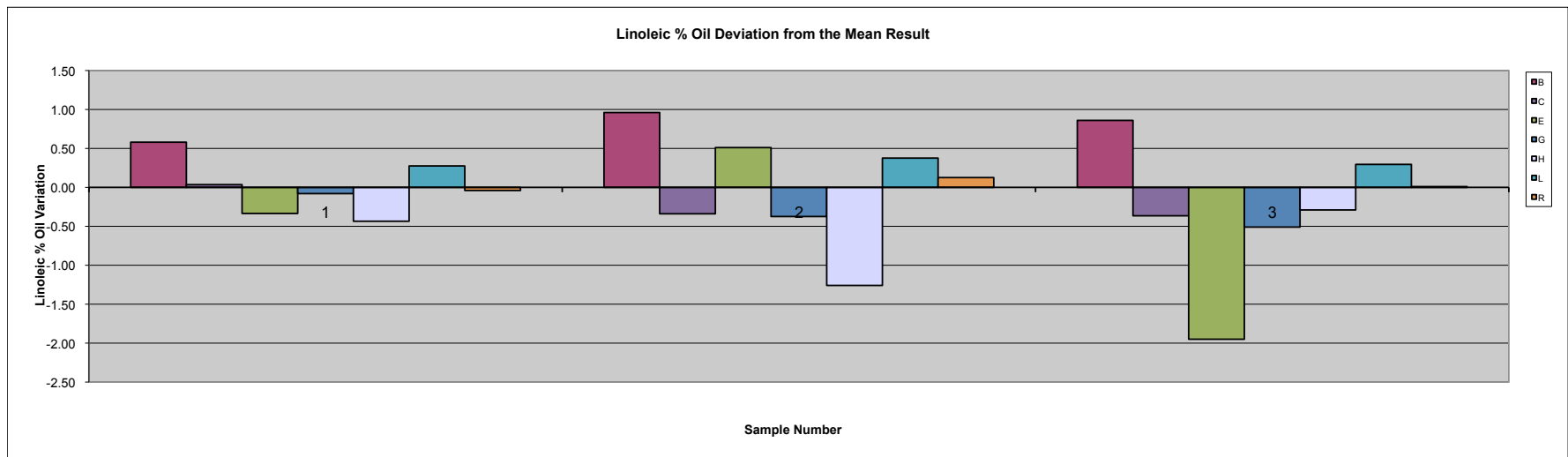
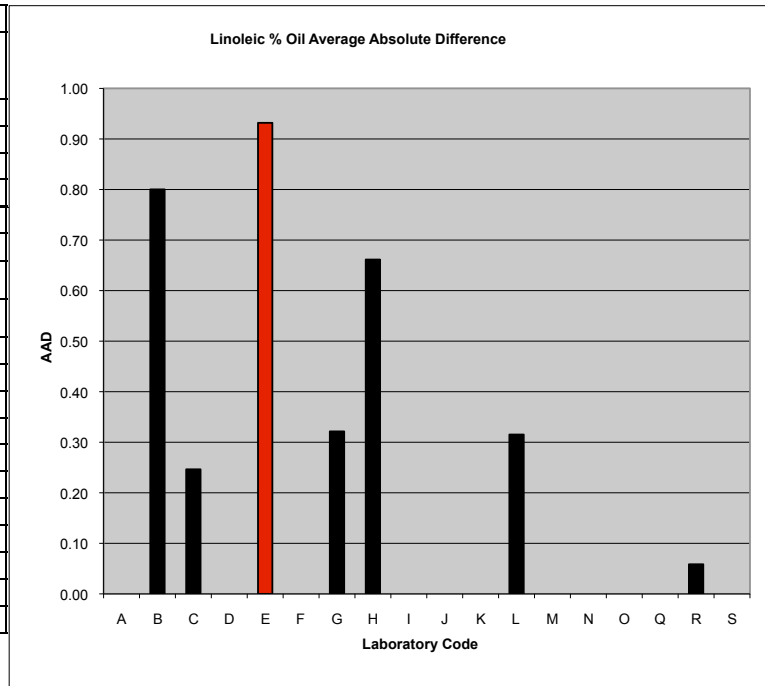
**2014 AOF Test Check Program
Round 9 Summary - September**

| 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 | 67.41 | -1.04 | 61.39 | -1.78 | 60.21 | -2.76 | -1.86 | 1.86 |
| C | 69.77 | 1.32 | 64.61 | 1.44 | 63.10 | 0.14 | 0.96 | 0.96 |
| D | | | | | | | | |
| E | 67.78 | -0.67 | 63.46 | 0.29 | 65.91 | 2.95 | 0.85 | 1.30 |
| F | | | | | | | | |
| G | 68.90 | 0.44 | 63.86 | 0.69 | 63.12 | 0.16 | 0.43 | 0.43 |
| H | 73.25 | 4.80 | 68.10 | 4.93 | 65.30 | 2.34 | 4.02 | 4.02 |
| I | | | | | | | | |
| J | | | | | | | | |
| K | | | | | | | | |
| L | 68.35 | -0.11 | 62.79 | -0.39 | 61.50 | -1.47 | -0.65 | 0.65 |
| M | | | | | | | | |
| N | | | | | | | | |
| O | | | | | | | | |
| Q | | | | | | | | |
| R | 68.50 | 0.05 | 62.93 | -0.24 | 61.62 | -1.35 | -0.51 | 0.55 |
| S | | | | | | | | |
| MEAN | 68.45 | | 63.17 | | 62.97 | | | 1.40 |
| STDEV | 0.83 | | 1.10 | | 2.07 | | | |



**2014 AOF Test Check Program
Round 9 Summary - September**

| 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 | 14.72 | 0.58 | 18.87 | 0.96 | 20.05 | 0.86 | 0.80 | 0.80 |
| C | 14.17 | 0.04 | 17.57 | -0.34 | 18.83 | -0.37 | -0.22 | 0.25 |
| D | | | | | | | | |
| E | 13.80 | -0.33 | 18.42 | 0.51 | 17.24 | -1.95 | -0.59 | 0.93 |
| F | | | | | | | | |
| G | 14.06 | -0.08 | 17.54 | -0.37 | 18.68 | -0.51 | -0.32 | 0.32 |
| H | 13.70 | -0.44 | 16.65 | -1.26 | 18.90 | -0.29 | -0.66 | 0.66 |
| I | | | | | | | | |
| J | | | | | | | | |
| K | | | | | | | | |
| L | 14.41 | 0.28 | 18.29 | 0.38 | 19.49 | 0.29 | 0.32 | 0.32 |
| M | | | | | | | | |
| N | | | | | | | | |
| O | | | | | | | | |
| Q | | | | | | | | |
| R | 14.10 | -0.04 | 18.04 | 0.13 | 19.20 | 0.01 | 0.03 | 0.06 |
| S | | | | | | | | |
| MEAN | 14.14 | | 17.91 | | 19.19 | | | 0.48 |
| STDEV | 0.35 | | 0.73 | | 0.51 | | | |



**2014 AOF Test Check Program
Round 9 Summary - September**

| 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 | 0.23 | -0.13 | 0.27 | -0.10 | 0.10 | -0.08 | -0.10 | 0.10 |
| C | 0.25 | -0.11 | 0.25 | -0.12 | 0.15 | -0.03 | -0.08 | 0.08 |
| D | | | | | | | | |
| E | 0.50 | 0.14 | 0.82 | 0.45 | 0.47 | 0.29 | 0.29 | 0.29 |
| F | | | | | | | | |
| G | 0.51 | 0.15 | 0.56 | 0.19 | 0.22 | 0.04 | 0.12 | 0.12 |
| H | 0.25 | -0.11 | 0.28 | -0.09 | 0.15 | -0.03 | -0.08 | 0.08 |
| I | | | | | | | | |
| J | | | | | | | | |
| K | 0.27 | -0.09 | 0.30 | -0.07 | 0.11 | -0.07 | -0.08 | 0.08 |
| L | 0.31 | -0.05 | 0.35 | -0.02 | 0.19 | 0.01 | -0.02 | 0.03 |
| M | | | | | | | | |
| N | | | | | | | | |
| O | | | | | | | | |
| Q | | | | | | | | |
| R | 0.50 | 0.14 | 0.48 | 0.12 | 0.23 | 0.05 | 0.10 | 0.10 |
| S | 0.42 | 0.06 | 0.45 | 0.08 | 0.30 | 0.12 | 0.08 | 0.08 |
| MEAN | 0.36 | | 0.37 | | 0.18 | | | 0.11 |
| STDEV | 0.12 | | 0.11 | | 0.07 | | | |

