

Result Receival Dates

	FEBRUARY
Lab Code	
G	05-Feb-08
L	08-Feb-08
М	08-Feb-08
E	22-Feb-08
K	22-Feb-08
I	04-Mar-08
Н	06-Mar-08
0	06-Mar-08
В	07-Mar-08
F	07-Mar-08
J	07-Mar-08
N	07-Mar-08
A	11-Mar-08
C	12-Mar-08
D	NOT YET RECEIVED

*Just a reminder to get results in promptly

Discussion of Results

Test Weight

Lab E drifted significantly further from the mean to submit a mean difference of -1.02 compared to -0.62 in the previous round. Lab A submitted a fairly high result with a mean difference of 0.98.

Impurities

Labs C and G submitted the furthest from the mean with low results recording differences of -0.50 and -0.57. All other labs remained within +/-0.40 from the mean.

Oil Rapid

This round saw increased variation between labs to produce a standard deviation of 0.74 compared to 0.62 in the previous round. Labs A and H submitted the furthest from the mean with differences of 1.35 and -1.35. Note that the result of 39.60% produced by lab H for Oil Rapid is also considerably lower than the results submitted for both their Oil Solvent methods. Lab B produced a significantly high result with a mean difference of 1.00.



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Oil Solvent

Lab G once again produced an outlier for Oil Solvent recording a mean difference of -2.76. Note that the lab continually submits significantly low results for this method. The lab also shows inconsistency between Oil methods this round with differences of at least 1.00% between their submitted oil results. Lab F also produced an outlier this round recording a difference of -2.65 compared to -0.29 in the previous round. Labs B and I submitted results fairly far from the mean of 0.82 and -0.99. Labs E and L performed better this round to submit differences of -0.13 and 0.07 compared to 1.05 and -0.74 previously.

Oil Solvent (AOCS Method Am 2-93)

Lab G produced an outlier recording -1.99. The lab performed poorly for Oil overall with major outliers produced for both Oil Solvent methods.

Oil SFE

Only lab J submitted results for Oil SFE this round.

Moisture Oven

Lab G submitted significantly far from the mean with a difference of -0.43. Lab C produced the highest result recording a mean difference of 0.31. All other results remained within +/-0.25 from the mean.

Moisture Rapid

Results received this round were similar to that in the previous round. Labs A and H again produced the results furthest from the mean recording differences of -0.57 and 0.48.

Oleic Oil

Round 3 saw greater variation between labs producing a high standard deviation of 1.38 compared to 0.94 in round 2. Lab G submitted considerably far from the mean to record a difference of 2.65.

Linoleic Oil

Lab O submitted further from the mean with a difference of -0.52 compared to -0.14 in the previous round. Lab B continues to submit higher than the mean producing a difference of 0.48.

Free Fatty Acid

As with the previous round, accurate results within +/-0.20 from the mean were received. Well done.

AOF Test Check Program FEBRUARY 2007/2008 Sample Number 3 Summary

8/2/2008 - 7/3/2008																																										
Lab Code		Test Weigh kg/hl	ıt	Diff result- mean	Impurities %		res	oiff Oil Ra sult- ean % (Cle			Diff result- mean		Oil Solvent % (Clean)		Diff result- mean		Oil Solvent % (AOCS)		Diff result- mean Oil % SFE (Clean)			Diff result- mean	Moisture % Oven				Moisture % Rapid		Diff result- mean	Oleic % Oil		Diff result- mean		Linoleic % Oil		Diff result- mean		Free Fatty Acid		Diff result- mean		
	Result A	Result B	AVE		Result Re	sult A	VE	Res	ult Resu B	AVE		Result A	Result B	AVE		Result A	Result B	AVE		Result A	Result B	AVE		Result A	Result B	AVE		Result A	Result B	AVE		Result A B	AVE		Result A	Result B	AVE		Result A	Result B	AVE	
Α	69.40	69.40	69.40	0.98	1.00 1.	10 1.	05 0.	.38 42.1	0 42.5	0 42.30	1.35																	4.30	4.50	4.40	-0.57											
В	68.00	68.00	68.00	-0.42	1.04 0.	94 0.	99 0.	.32 41.9	0 42.0	0 41.95	1.00	41.80	42.10	41.95	0.82	41.80	42.00	41.90	0.30					5.05	4.90	4.98	-0.08	5.07	5.07	5.07	0.10	56.70 56.70	56.70	-1.28	22.30	22.30	22.30	0.48	0.15	0.16	0.16	-0.10
С	67.82	67.88	67.85	-0.58	0.17 0.	16 0.	.17 -0	0.50 40.9	41.1	7 41.04	0.09	41.19	41.17	41.18	0.05									5.37	5.37	5.37	0.31					58.28 58.60	58.44	0.46	21.92	21.94	21.93	0.11	0.30	0.29	0.30	0.05
D																																										
E	67.40	67.40	67.40	-1.02	0.60 0.	71 0.	66 -0	0.01 41.0	0 40.9	0 40.95	0.00	40.96	41.05	41.01	-0.13									5.25	5.28	5.27	0.21	4.90	4.90	4.90	-0.07								0.42	0.46	0.44	0.19
F	68.70				0.60			40.9	0			37.33	39.64	38.49	-2.65									5.23	5.21	5.22	0.16	5.50				57.30 56.60	56.95	-1.03	21.80	21.70	21.75	-0.07	0.24	0.28	0.26	0.01
G					0.10 0.	10 0.	10 -0	.57 41.5	2 41.5	6 41.54	0.59	38.61	38.14	38.38	-2.76	39.30	39.92	39.61	-1.99					4.79	4.47	4.63	-0.43					60.56 60.69	60.63	2.65	22.21	21.76	21.99	0.16	0.28	0.23	0.26	0.01
н	69.00	69.10	69.05	0.63	0.60 0.	60 0.	60 -0	0.07 39.7	0 39.5	0 39.60	-1.35	41.50	41.40	41.45	0.32	41.50	41.40	41.45	-0.15					5.10	5.10	5.10	0.04	5.40	5.50	5.45	0.48	56.88 57.37	57.13	-0.85	21.50	21.72	21.61	-0.22	0.17	0.17	0.17	-0.08
I	69.00	69.10	69.05	0.63	0.30 0.	40 0.	.35 -0	0.32 40.7	0 40.8	0 40.75	-0.20	40.17	40.11	40.14	-0.99									5.15	5.14	5.15	0.09	5.20	5.50	5.35	0.38											
J	68.14	68.44	68.29	-0.14	0.79 1.	23 1.	01 0.	.34 40.7	0 40.5	0 40.60	-0.35									40.84	40.99	40.92	0.00	5.01	5.03	5.02	-0.04	5.20	5.20	5.20	0.23											
к	68.50	68.20	68.35	-0.08	0.50 0.	90 0.	.70 0.	.03 40.3	40.1	0 40.20	-0.75	41.00	40.60	40.80	-0.33									4.95	4.93	4.94	-0.12	4.60	4.80	4.70	-0.27								0.20	0.30	0.25	0.00
L					0.41 0.	67 0.	.54 -0	0.13				41.10	41.30	41.20	0.07									5.22	5.24	5.23	0.17					57.40 57.40	57.40	-0.58	21.90	21.90	21.90	0.07	0.36	0.37	0.37	0.12
м	67.80	67.80	67.80	-0.63	0.90 0.	90 0.	.90 0.	.23 40.6	9 40.3	4 40.52	-0.43													5.07	5.07	5.07	0.01	4.52	4.66	4.59	-0.38											
Ν	68.65	68.72	68.69	0.26	0.98 0.	97 0.	.98 0.	.31 41.2	41.2	0 41.20	0.25	41.75	41.80	41.78	0.64	41.47	41.41	41.44	-0.16					5.00	4.90	4.95	-0.11	5.10	5.00	5.05	0.08											
0	68.80	68.80	68.80	0.38				40.7	40.7	0 40.70	-0.25	40.70	40.70	40.70	-0.43									4.90	4.80	4.85	-0.21					58.60 58.60	58.60	0.62	21.30	21.30	21.30	-0.52				
Mean			68.43			0.	67			40.95				41.13				41.60				40.92				5.06				4.97			57.98				21.83				0.25	
Stdev			0.63			0.	33			0.74				0.56				0.26				#####				0.20				0.35			1.38				0.31				0.07	

ILIERNot included in the Mean and Stdev

These outliers have been determined by the Outlier Determination Tab