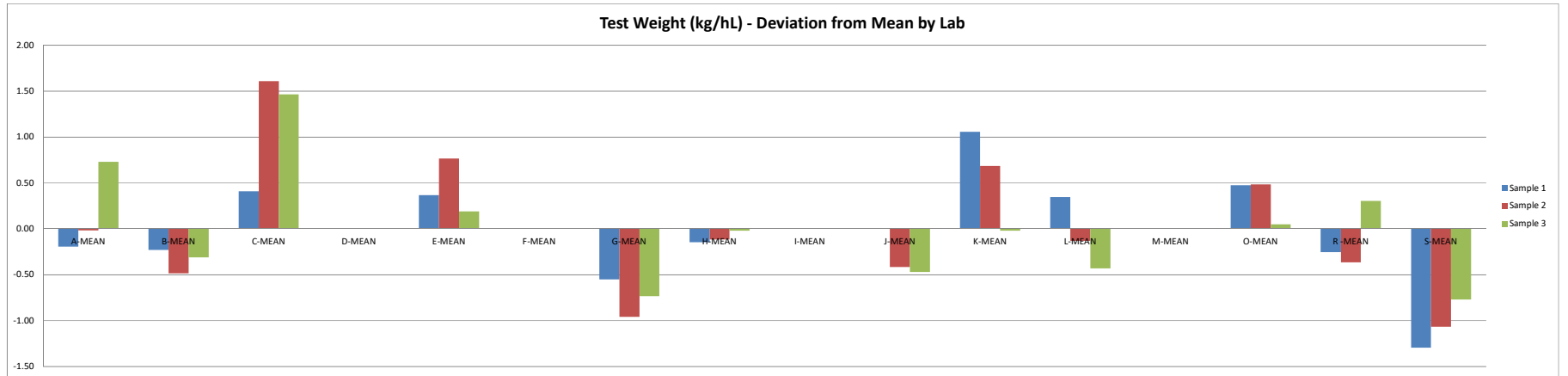


AOF Test Check Program 2018 - Round 3

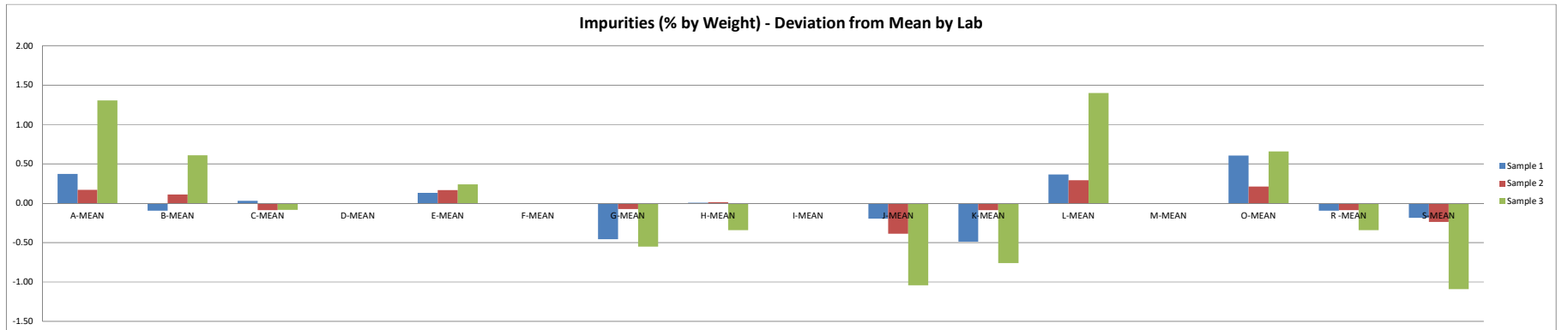
Test Weight (kg/hL)																																		
	A	A-MEAN	B	B-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN
Sample 1	66.75	-0.19	66.72	-0.23	67.36	0.41			67.31	0.37			66.40	-0.55	66.80	-0.14			66.95	0.01	68.00	1.06	67.29	0.35			67.42	0.48	66.69	-0.25	65.65	-1.29	0.60	66.94
Sample 2	68.00	-0.01	67.53	-0.48	69.63	1.61			68.78	0.77			67.06	-0.96	67.90	-0.11			67.60	-0.41	68.70	0.69	67.89	-0.13			68.50	0.49	67.65	-0.36	66.95	-1.06	0.77	68.01
Sample 3	67.75	0.73	66.71	-0.31	68.49	1.47			67.21	0.19			66.29	-0.73	67.00	-0.02			66.55	-0.47	67.00	-0.02	66.59	-0.43			67.07	0.05	67.33	0.31	66.25	-0.77	0.64	67.02
Mean Absolute Difference		0.31		0.34		1.16				0.44				0.75		0.09				0.30		0.59		0.30			0.34		0.31		1.04			
Mean of Difference		0.17		-0.34		1.16				0.44				-0.75		-0.09				-0.29		0.57		-0.07			0.34		-0.10		-1.04			



Test Weight (kg/hL) Z - score																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	-0.32	-0.38	0.69		0.61		-0.92	-0.24		0.01	1.77	0.58		0.80	-0.43	-2.17
Sample 2	-0.02	-0.63	2.09		1.00		-1.25	-0.15		-0.54	0.89	-0.17		0.63	-0.47	-1.38
Sample 3	1.15	-0.49	2.31		0.30		-1.15	-0.03		-0.74	-0.03	-0.67		0.08	0.48	-1.21

AOF Test Check Program 2018 - Round 3

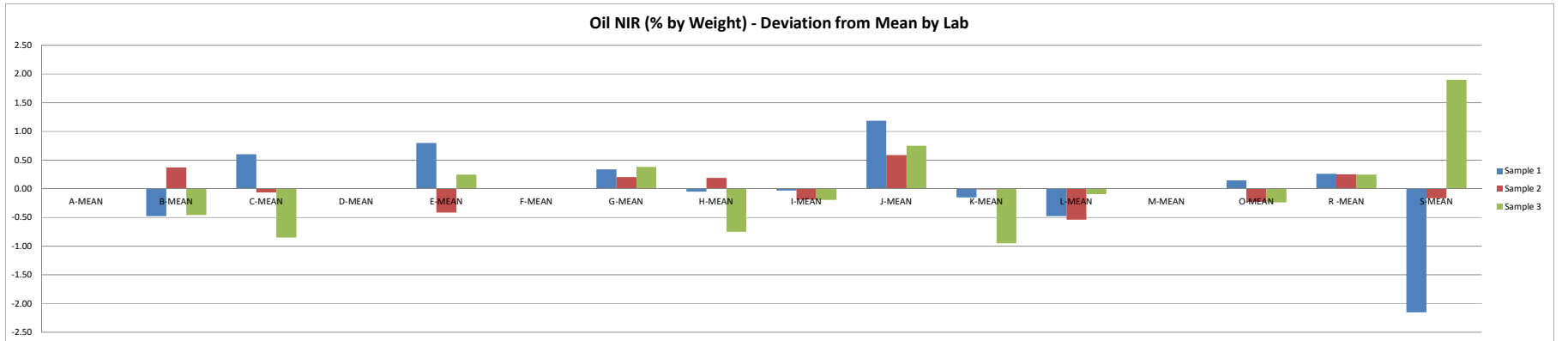
Impurities (% by Weight)																																			
	A	A-MEAN	B	B-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN	
Sample 1		1.17	0.37	0.70	-0.09	0.83	0.03			0.93	0.13			0.34	-0.46	0.80	0.01			0.60	-0.19	0.31	-0.49	1.16	0.37			1.40	0.61	0.70	-0.09	0.61	-0.18	0.33	0.79
Sample 2		0.96	0.17	0.90	0.11	0.70	-0.09			0.96	0.17			0.72	-0.07	0.80	0.01			0.40	-0.39	0.70	-0.09	1.08	0.29			1.00	0.21	0.70	-0.09	0.55	-0.24	0.20	0.79
Sample 3		2.95	1.31	2.25	0.61	1.56	-0.09			1.88	0.24			1.09	-0.55	1.30	-0.34			0.60	-1.04	0.88	-0.76	3.04	1.40			2.30	0.66	1.30	-0.34	0.55	-1.09	0.85	1.64
Mean Absolute Difference			0.62		0.27		0.07				0.18				0.36		0.12				0.54		0.45		0.69				0.49		0.17		0.50		
Mean of Difference			0.62		0.21		-0.05				0.18				-0.36		-0.11				-0.54		-0.45		0.69				0.49		-0.17		-0.50		



Impurities (% by Weight) Z - score																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	1.13	-0.28	0.09		0.40		-1.39	0.02		-0.59	-1.48	1.11		1.84	-0.28	-0.56
Sample 2	0.86	0.56	-0.44		0.84		-0.37	0.06		-1.95	-0.44	1.46		1.06	-0.44	-1.20
Sample 3	1.54	0.72	-0.10		0.28		-0.65	-0.40		-1.23	-0.90	1.65		0.78	-0.40	-1.29

**AOF Test Check Program 2018 - Round 3**

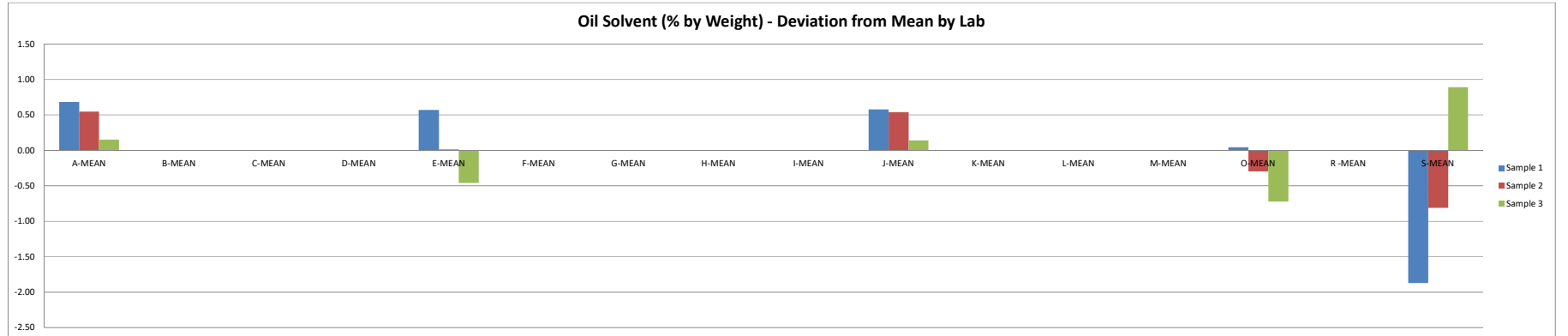
Oil NIR (% by Weight)																																		
	A	A-MEAN	B	B-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN
Sample 1			48.13	-0.48	49.20	0.60			49.40	0.80			48.94	0.34	48.55	-0.05	48.57	-0.03	49.79	1.18	48.45	-0.15	48.13	-0.48			48.75	0.14	48.87	0.26	46.45	-2.15	0.84	48.60
Sample 2			44.19	0.37	43.75	-0.06			43.40	-0.41			44.02	0.20	44.00	0.19	43.63	-0.19	44.40	0.59	43.80	-0.01	43.28	-0.54			43.59	-0.23	44.07	0.25	43.65	-0.16	0.33	43.81
Sample 3			46.40	-0.45	46.00	-0.85			47.10	0.25			47.23	0.38	46.10	-0.75	46.66	-0.19	47.60	0.75	45.90	-0.95	46.76	-0.09			46.62	-0.23	47.10	0.25	48.75	1.90	0.79	46.85
Mean Absolute Difference				0.43		0.50				0.49				0.31		0.33		0.14		0.84		0.37		0.37			0.20		0.25		1.40			
Mean of Difference				-0.19		-0.10				0.21				0.31		-0.20		-0.14		0.84		-0.37		-0.37			-0.11		0.25		-0.14			



Oil NIR (% by Weight) Z - score																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1		-0.57	0.72		0.96		0.41	-0.06	-0.04	1.41	-0.18	-0.57		0.17	0.32	-2.57
Sample 2		1.13	-0.19		-1.25		0.61	0.57	-0.57	1.78	-0.04	-1.63		-0.69	0.76	-0.49
Sample 3		-0.57	-1.07		0.32		0.48	-0.94	-0.25	0.95	-1.20	-0.12		-0.30	0.31	2.39

**AOF Test Check Program 2018 - Round 3**

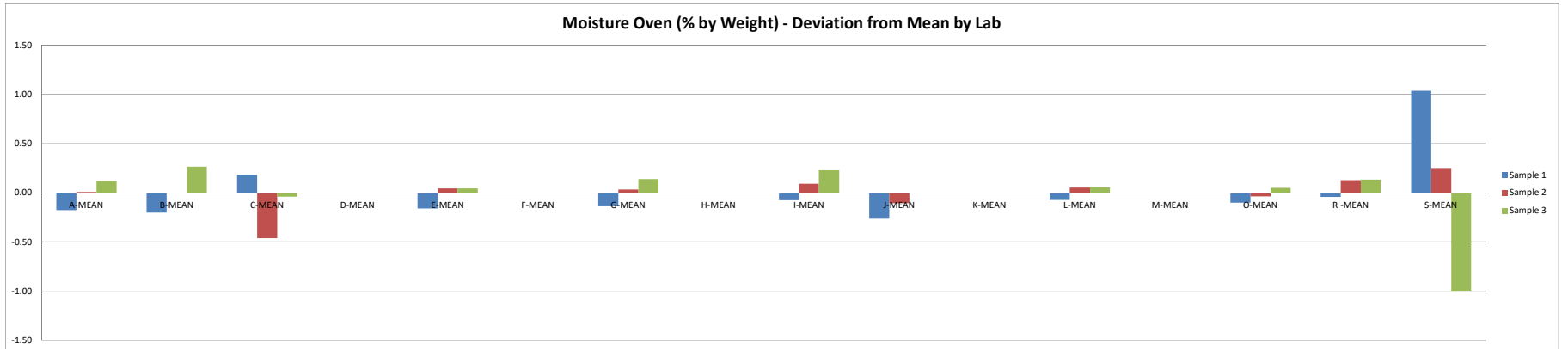
Oil Solvent (% by Weight)																																			
	A	A-MEAN	B	B-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN	
Sample 1	49.90	0.68							49.79	0.57									49.80	0.58							49.27	0.04				47.35	-1.87	1.08	49.22
Sample 2	44.41	0.55							43.88	0.02									44.40	0.54							43.57	-0.29				43.05	-0.81	0.58	43.86
Sample 3	47.81	0.15							47.20	-0.46									47.80	0.14							46.94	-0.72				48.55	0.89	0.63	47.66
Mean Absolute Difference		0.46								0.35										0.42								0.35					1.19		
Mean of Difference		0.46								0.04										0.42								-0.33					-0.60		



Oil Solvent (% by Weight) Z - score																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	0.63				0.53					0.54					0.04	-1.74
Sample 2	0.95				0.03					0.93					-0.51	-1.40
Sample 3	0.24				-0.73					0.22					-1.16	1.42

AOF Test Check Program 2018 - Round 3

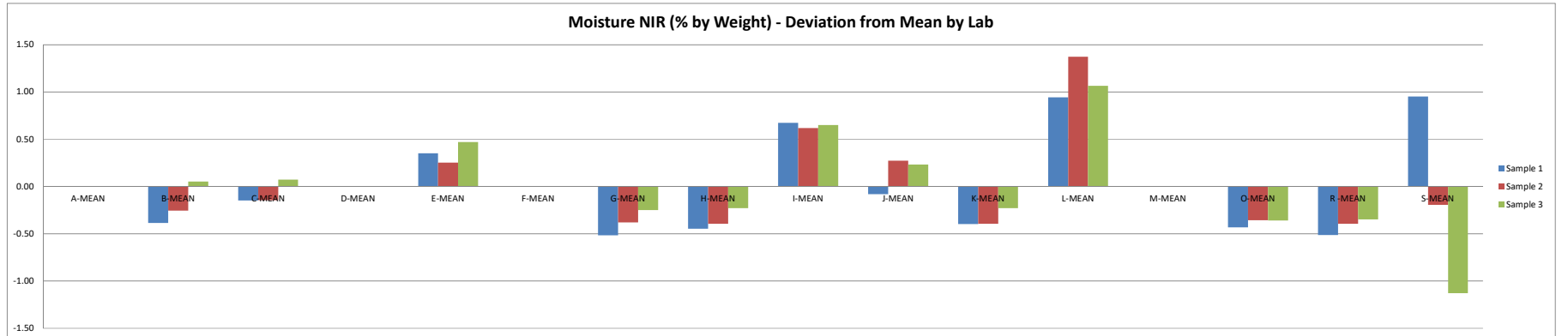
Moisture Oven (% by Weight)																																			
	A	A-MEAN	B	B-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN	
Sample 1		4.18	-0.18	4.16	-0.20	4.55	0.18			4.20	-0.16			4.23	-0.14			4.29	-0.08	4.10	-0.26			4.29	-0.07			4.26	-0.10	4.32	-0.04	5.40	1.04	0.36	4.36
Sample 2		5.36	0.01	5.36	0.00	4.90	-0.46			5.40	0.04			5.39	0.03			5.45	0.09	5.25	-0.11			5.41	0.05			5.32	-0.04	5.49	0.13	5.60	0.24	0.18	5.36
Sample 3		5.42	0.12	5.57	0.27	5.27	-0.04			5.35	0.05			5.45	0.14			5.54	0.23	5.30	0.00			5.36	0.06			5.36	0.05	5.44	0.14	4.30	-1.00	0.35	5.30
Mean Absolute Difference			0.10		0.16		0.23				0.08				0.10				0.13		0.12				0.06			0.06		0.10		0.76			
Mean of Difference			-0.02		0.02		-0.11				-0.02				0.01				0.08		-0.12				0.01			-0.03		0.07		0.09			



Moisture Oven (% by Weight) Z - score																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	-0.49	-0.55	0.51		-0.44		-0.37		-0.21	-0.72		-0.19		-0.28	-0.11	2.86
Sample 2	0.04	-0.01	-2.59		0.25		0.19		0.53	-0.60		0.30		-0.20	0.72	1.37
Sample 3	0.35	0.77	-0.11		0.13		0.41		0.67	-0.01		0.16		0.15	0.39	-2.91

**AOF Test Check Program 2018 - Round 3**

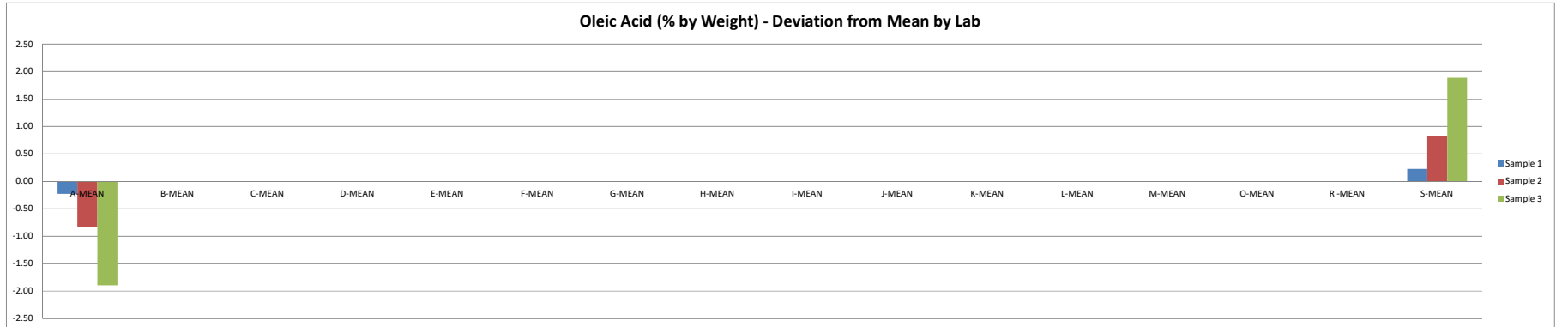
Moisture NIR (% by Weight)																																		
	A	A-MEAN	B	B-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN
Sample 1			3.66	-0.39	3.90	-0.15			4.40	0.35			3.53	-0.52	3.60	-0.45	4.72	0.67	3.97	-0.08	3.65	-0.40	4.99	0.94			3.62	-0.43	3.54	-0.51	5.00	0.95	0.57	4.05
Sample 2			4.84	-0.26	4.95	-0.15			5.35	0.25			4.72	-0.38	4.70	-0.40	5.72	0.62	5.37	0.27	4.70	-0.40	6.47	1.37			4.74	-0.36	4.70	-0.40	4.90	-0.20	0.55	5.10
Sample 3			5.08	0.05	5.10	0.07			5.50	0.47			4.78	-0.25	4.80	-0.23	5.68	0.65	5.26	0.23	4.80	-0.23	6.10	1.07			4.67	-0.36	4.68	-0.35	3.90	-1.13	0.57	5.03
Mean Absolute Difference				0.23		0.12				0.36				0.38		0.36		0.65		0.20		0.34		1.13			0.38		0.42		0.76			
Mean of Difference				-0.20		-0.07				0.36				-0.38		-0.36		0.65		0.14		-0.34		1.13			-0.38		-0.42		-0.12			



Moisture NIR (% by Weight) Z - score																	
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S	
Sample 1		-0.67	-0.26		0.61		-0.90	-0.78	1.17	-0.14	-0.69	1.64		-0.75	-0.89	1.66	
Sample 2		-0.47	-0.27		0.47		-0.70	-0.73	1.13	0.50	-0.73	2.52		-0.65	-0.73	-0.36	
Sample 3		0.09	0.13		0.83		-0.44	-0.40	1.15	0.41	-0.40	1.88		-0.63	-0.62	-1.99	

**AOF Test Check Program 2018 - Round 3**

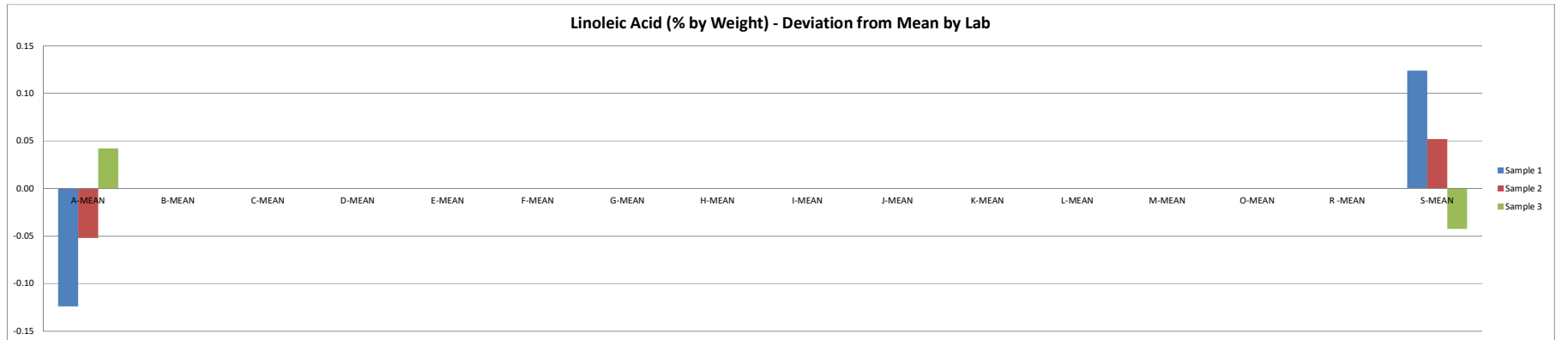
Oleic Acid (% by Weight)																																				
	A	A-MEAN	B	B-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN		
Sample 1		59.29	-0.23																														59.75	0.23	0.32	59.52
Sample 2		61.34	-0.83																														63.00	0.83	1.18	62.17
Sample 3		57.52	-1.89																														61.30	1.89	2.67	59.41
Mean Absolute Difference			0.98																																0.98	
Mean of Difference			-0.98																																0.98	



Oleic Acid (% by Weight) (% by Weight) Z - score																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	-0.71															0.71
Sample 2	-0.71															0.71
Sample 3	-0.71															0.71

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Linoleic Acid (% by Weight)																																			
	A	A-MEAN	B	B-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN	
Sample 1	22.55	-0.12																														22.80	0.12	0.18	22.68
Sample 2	21.50	-0.05																														21.60	0.05	0.07	21.55
Sample 3	22.68	0.04																														22.60	-0.04	0.06	22.64
Mean Absolute Difference		0.07																																0.07	
Mean of Difference		-0.04																																0.04	

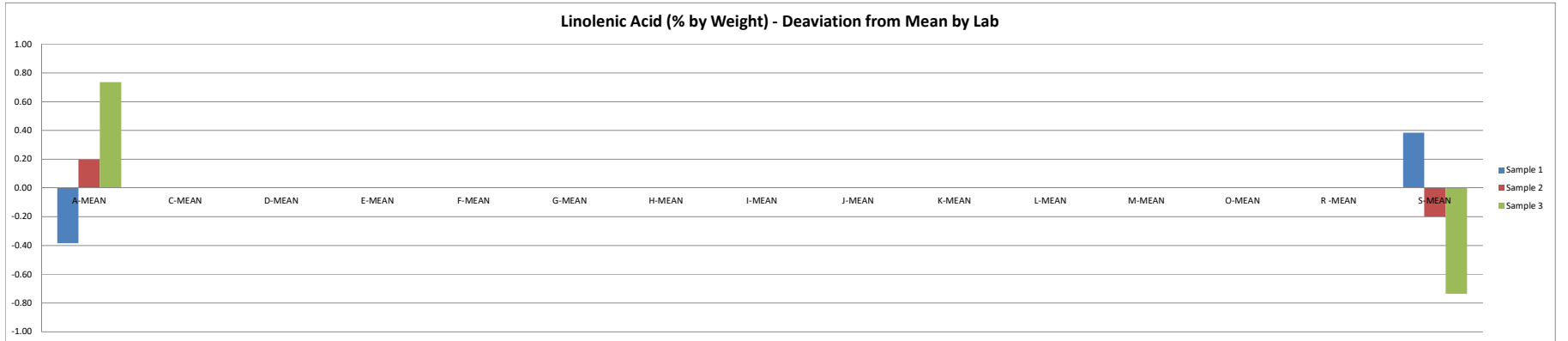


Linoleic Acid (% by Weight) Z - score																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	-0.71															0.71
Sample 2	-0.71															0.71
Sample 3	0.71															-0.71



**AOF Test Check Program 2018 - Round 3**

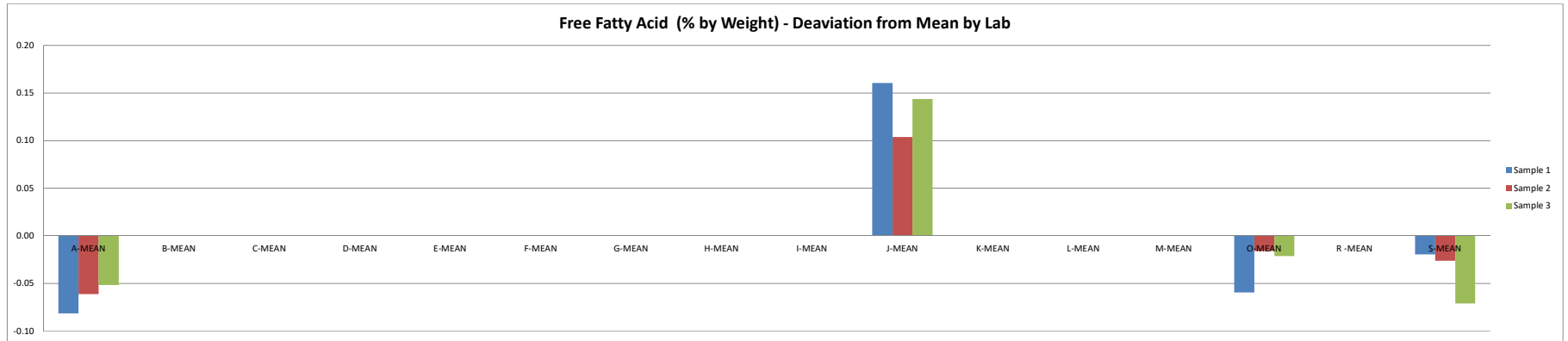
Linolenic Acid (% by Weight)																																			
	A	A-MEAN	B	B-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN	
Sample 1		10.08	-0.38																													10.85	0.38	0.54	10.47
Sample 2		8.85	0.20																													8.45	-0.20	0.28	8.65
Sample 3		11.17	0.74																													9.70	-0.74	1.04	10.44
Mean Absolute Difference			0.44																															0.44	
Mean of Difference			0.18																															-0.18	



Linolenic Acid (% by Weight) Z - score																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	-0.71															0.71
Sample 2	0.71															-0.71
Sample 3	0.71															-0.71

**AOF Test Check Program 2018 - Round 3**

Free Fatty Acid (% by Weight)																																		
	A	A-MEAN	B	B-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN
Sample 1		0.06	-0.08																0.30	0.16							0.08	-0.06			0.12	-0.02	0.11	0.14
Sample 2		0.03	-0.06																0.20	0.10							0.08	-0.02			0.07	-0.03	0.07	0.10
Sample 3		0.10	-0.05																0.30	0.14							0.14	-0.02			0.09	-0.07	0.10	0.16
Mean Absolute Difference			0.06																	0.14								0.03				0.04		
Mean of Difference			-0.06																	0.14								-0.03				-0.04		



Free Fatty Acid (% by Weight) Z - score																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1		-0.74								1.46					-0.54	-0.18
Sample 2		-0.85								1.44					-0.23	-0.36
Sample 3		-0.53								1.47					-0.22	-0.72

# AOF Test Check Program 2018 - Round 3

2018 - Round 3

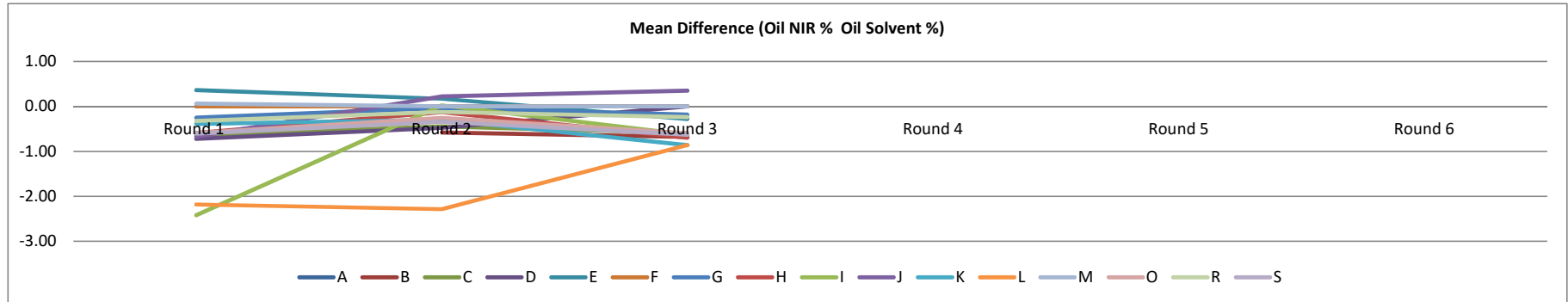
Oil % (NIR) - Oil % (Mean Reference)																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1		-1.10	-0.02		0.18		-0.28	-0.67	-0.65	0.56	-0.77	-1.10		-0.48	-0.36	-2.77
Sample 2		0.33	-0.11		-0.46		0.16	0.14	-0.23	0.54	-0.06	-0.58		-0.27	0.21	-0.21
Sample 3		-1.26	-1.66		-0.56		-0.43	-1.56	-1.00	-0.06	-1.76	-0.90		-1.04	-0.56	1.09
Average		-0.68	-0.60		-0.28		-0.19	-0.70	-0.63	0.35	-0.86	-0.86		-0.60	-0.24	-0.63

Moisture % (NIR) - Moisture % (Mean Reference)																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1		-0.70	-0.46		0.04		-0.83	-0.76	0.36	-0.40	-0.71	0.63		-0.75	-0.83	0.64
Sample 2		-0.52	-0.41		-0.01		-0.64	-0.66	0.36	0.01	-0.66	1.11		-0.62	-0.66	-0.46
Sample 3		-0.22	-0.20		0.20		-0.52	-0.50	0.38	-0.04	-0.50	0.79		-0.63	-0.62	-1.40
Average		-0.48	-0.36		0.08		-0.67	-0.64	0.36	-0.14	-0.62	0.84		-0.67	-0.70	-0.41

# AOF Test Check Program 2018 - Round 3

## Collective 2018 Oil

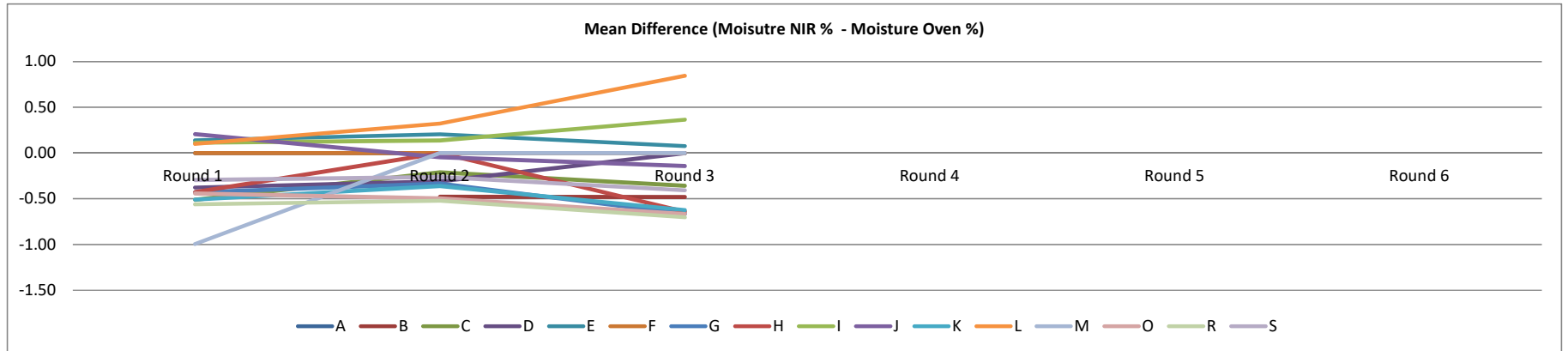
Mean Difference (Oil NIR % - Oil Reference %)																
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Round 1			-0.64	-0.72	0.36		-0.25	-0.59	-2.42	-0.67	-0.39	-2.18	0.06	-0.59	-0.32	-0.61
Round 2		-0.58	-0.45	-0.48	0.17		-0.04	-0.13	0.02	0.22	-0.30	-2.29		-0.26	-0.13	-0.35
Round 3		-0.68	-0.60		-0.28		-0.19	-0.70	-0.63	0.35	-0.86	-0.86		-0.60	-0.24	-0.63
Round 4																
Round 5																
Round 6																



# AOF Test Check Program 2018 - Round 3

## Collective 2018 Moisture

Mean Difference (Moisture NIR % - Moisture Reference %)																	
	A	B	C	D	E	F	G	H	I	J	K	L	M	O	R	S	
Round 1			-0.51	-0.38	0.14		-0.43	-0.43	0.11	0.21	-0.51	0.10	-0.99	-0.44	-0.56	-0.29	
Round 2		-0.48	-0.21	-0.31	0.21		-0.33		0.14	-0.04	-0.36	0.32		-0.50	-0.52	-0.26	
Round 3		-0.48	-0.36		0.08		-0.67	-0.64	0.36	-0.14	-0.62	0.84		-0.67	-0.70	-0.41	
Round 4																	
Round 5																	
Round 6																	



## AOF Test Check Program 2018 - Round 3

Appendix 1:

$$z = (x - X) / \hat{\sigma} \quad \text{..(19)}$$

where  $\hat{\sigma}$  is the standard deviation for proficiency assessment.

**NOTE** ISO Guide 43 uses the symbol  $s$  for the standard deviation in the definition of the z-score. This is appropriate when this quantity is derived as the standard deviation of a number of results, but not in other cases (for example, when it is calculated from the results of a precision experiment, or by reference to a generalised linear model).

**Interpretation of z-scores.** When a participant reports a result that gives rise to a z-score above 3,0 or below -3,0 then the result shall be considered to give an “action signal”. Likewise, a z-score above 2,0 or below -2,0 shall be considered to give a “warning signal”. A single “action signal”, or “warning signals” in two successive rounds, shall be taken as evidence that an anomaly has occurred that requires investigation.

Reference : ISO 13528 statistical methods for use in proficiency testing by interlaboratory comparisons

**AOF Test Check Program 2018 - Round 3**

Appendix 2: Raw Data

Reporting Date	29/05/2018		Lab	A								
Parameter	Unit	Method	Sample 1			Sample 2			Sample 3			
			Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average	
Test Weight	kg/hL		66.75	66.75	66.75	68.00	68.00	68.00	67.75	67.75	67.75	
Impurities	% by weight	AOF4-1.3	1.11	1.22	1.17	0.98	0.94	0.96	2.95	2.94	2.95	
Oil NIR (Clean Seed)	% by weight											
Oil Solvent (Clean Seed)	% by weight	FOSFA	49.84	49.96	49.90	44.60	44.22	44.41	47.65	47.97	47.81	
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight		4.20	4.17	4.18	5.37	5.36	5.36	5.42	5.43	5.42	
Moisture NIR	% by weight											
Oleic Acid	% by weight	Methanolic KOH	59.36	59.22	59.29	61.31	61.37	61.34	57.55	57.49	57.52	
Linoleic Acid	% by weight	Methanolic KOH	22.50	22.61	22.55	21.52	21.47	21.50	22.66	22.71	22.68	
Linolenic Acid	% by weight	Methanolic KOH	10.07	10.09	10.08	8.84	8.85	8.85	11.18	11.17	11.17	
Free Fatty Acid	% by weight	AOC5 Ac5-41	0.06	0.05	0.06	0.03	0.03	0.03	0.10	0.10	0.10	

Reporting Date	15/05/2018		Lab	B								
Parameter	Unit	Method	Sample 1			Sample 2			Sample 3			
			Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average	
Test Weight	kg/hL	Balance	66.85	66.58	66.72	67.53	67.53	67.53	66.88	66.54	66.71	
Impurities	% by weight	Agtator	0.60	0.80	0.70	1.00	0.80	0.90	2.30	2.20	2.25	
Oil NIR (Clean Seed)	% by weight	NIR	48.54	47.71	48.13	44.44	43.93	44.19	46.43	46.36	46.40	
Oil Solvent (Clean Seed)	% by weight											
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight	Oven	4.13	4.19	4.16	5.36	5.35	5.36	5.50	5.64	5.57	
Moisture NIR	% by weight	NIR	3.68	3.64	3.66	4.89	4.79	4.84	5.11	5.05	5.08	
Oleic Acid	% by weight											
Linoleic Acid	% by weight											
Linolenic Acid	% by weight											
Free Fatty Acid	% by weight											

Reporting Date	22/05/2018		Lab	C								
Parameter	Unit	Method	Sample 1			Sample 2			Sample 3			
			Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average	
Test Weight	kg/hL		67.13	67.58	67.36	69.47	69.78	69.63	68.54	68.43	68.49	
Impurities	% by weight		0.87	0.78	0.83	0.70	0.70	0.70	1.66	1.45	1.56	
Oil NIR (Clean Seed)	% by weight	Infratec 1241	49.20	49.20	49.20	43.80	43.70	43.75	46.10	45.90	46.00	
Oil Solvent (Clean Seed)	% by weight											
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight		4.68	4.41	4.55	5.00	4.79	4.90	5.32	5.21	5.27	
Moisture NIR	% by weight	Infratec 1241	3.8	4.0	3.9	4.9	5.0	5.0	5.1	5.1	5.1	
Oleic Acid	% by weight											
Linoleic Acid	% by weight											
Linolenic Acid	% by weight											
Free Fatty Acid	% by weight											

Reporting Date			Lab	D								
Parameter	Unit	Method	Sample 1			Sample 2			Sample 3			
			Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average	
Test Weight	kg/hL											
Impurities	% by weight											
Oil NIR (Clean Seed)	% by weight											
Oil Solvent (Clean Seed)	% by weight											
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight											
Moisture NIR	% by weight											
Oleic Acid	% by weight											
Linoleic Acid	% by weight											
Linolenic Acid	% by weight											
Free Fatty Acid	% by weight											

**AOF Test Check Program 2018 - Round 3**

Reporting Date	31/05/2018	Lab	E	Sample 1			Sample 2			Sample 3		
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average	
Test Weight	kg/hL		67.44	67.18	67.31	68.29	69.27	68.78	67.26	67.16	67.21	
Impurities	% by weight		0.86	0.99	0.93	1.00	0.91	0.96	1.85	1.91	1.88	
Oil NIR (Clean Seed)	% by weight	Infratec 1241	49.30	49.50	49.40	43.30	43.50	43.40	46.90	47.30	47.10	
Oil Solvent (Clean Seed)	% by weight	ISO 659	49.79	49.79	49.79	44.11	43.64	43.88	47.26	47.14	47.20	
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight		4.2	4.2	4.2	5.4	5.4	5.4	5.4	5.3	5.4	
Moisture NIR	% by weight		4.4	4.4	4.4	5.4	5.3	5.4	5.5	5.5	5.5	
Oleic Acid	% by weight	Infratec 1241										
Linoleic Acid	% by weight											
Linolenic Acid	% by weight											
Free Fatty Acid	% by weight											

Reporting Date		Lab	F	Sample 1			Sample 2			Sample 3		
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average	
Test Weight	kg/hL											
Impurities	% by weight											
Oil NIR (Clean Seed)	% by weight											
Oil Solvent (Clean Seed)	% by weight	AOF 4-1.24a										
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight	AOF 4-1.5										
Moisture NIR	% by weight											
Oleic Acid	% by weight	AOF 4-1.21										
Linoleic Acid	% by weight	AOF 4-1.21										
Linolenic Acid	% by weight	AOF 4-1.21										
Free Fatty Acid	% by weight	AOF 4-2.19										

Reporting Date	23/05/2018	Lab	G	Sample 1			Sample 2			Sample 3		
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average	
Test Weight	kg/hL		66.46	66.33	66.40	66.93	67.18	67.06	66.07	66.50	66.29	
Impurities	% by weight		0.36	0.31	0.34	0.79	0.64	0.72	1.18	1.00	1.09	
Oil NIR (Clean Seed)	% by weight	NIR	48.88	49.00	48.94	44.19	43.84	44.02	47.00	47.46	47.23	
Oil Solvent (Clean Seed)	% by weight											
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight		4.23	4.22	4.23	5.40	5.38	5.39	5.45	5.44	5.45	
Moisture NIR	% by weight	NIR	3.58	3.48	3.53	4.67	4.76	4.72	4.73	4.83	4.78	
Oleic Acid	% by weight											
Linoleic Acid	% by weight											
Linolenic Acid	% by weight											
Free Fatty Acid	% by weight											

Reporting Date	6/06/2018	Lab	H	Sample 1			Sample 2			Sample 3		
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average	
Test Weight	kg/hL		66.8	66.8	66.80	67.8	68.0	67.90	67.2	66.8	67.00	
Impurities	% by weight		0.9	0.7	0.80	0.8	0.8	0.80	1.4	1.2	1.30	
Oil NIR (Clean Seed)	% by weight		48.5	48.6	48.55	44.0	44.0	44.00	46.2	46.0	46.10	
Oil Solvent (Clean Seed)	% by weight											
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight											
Moisture NIR	% by weight		3.6	3.6	3.60	4.6	4.8	4.70	4.8	4.8	4.80	
Oleic Acid	% by weight											
Linoleic Acid	% by weight											
Linolenic Acid	% by weight											
Free Fatty Acid	% by weight											



**AOF Test Check Program 2018 - Round 3**

Reporting Date	11/05/2018		Lab	I							
			Sample 1			Sample 2			Sample 3		
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average
Test Weight	kg/hL										
Impurities	% by weight										
Oil NIR (Clean Seed)	% by weight	Near-Infra Red (NIR)	48.50	48.64	48.57	43.42	43.83	43.63	46.51	46.80	46.66
Oil Solvent (Clean Seed)	% by weight										
Oil SFE Extraction	% by weight										
Moisture Oven	% by weight	AOF 4 - 1.5	4.28	4.29	4.29	5.46	5.44	5.45	5.53	5.54	5.54
Moisture NIR	% by weight	Near-Infra Red (NIR)	4.72	4.72	4.72	5.75	5.68	5.72	5.70	5.66	5.68
Oleic Acid	% by weight										
Linoleic Acid	% by weight										
Linolenic Acid	% by weight										
Free Fatty Acid	% by weight										

Reporting Date	24/05/2018		Lab	J							
			Sample 1			Sample 2			Sample 3		
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average
Test Weight	kg/hL	Chondrometer	66.90	67.00	67.0	67.60	67.60	67.6	66.40	66.70	66.6
Impurities	% by weight	AOF Quality Standard	0.70	0.50	0.6	0.40	0.40	0.4	0.60	0.60	0.6
Oil NIR (Clean Seed)	% by weight	NIR	49.80	49.77	49.8	44.44	44.36	44.4	47.61	47.59	47.6
Oil Solvent (Clean Seed)	% by weight	AOCS AM 2-93	49.80	49.80	49.8	44.40	44.40	44.4	47.80	47.80	47.8
Oil SFE Extraction	% by weight	N/A									
Moisture Oven	% by weight	AOAC 925.10	4.10	4.10	4.1	5.30	5.20	5.3	5.30	5.30	5.3
Moisture NIR	% by weight	NIR	3.97	3.96	4.0	5.37	5.37	5.4	5.26	5.26	5.3
Oleic Acid	% by weight	N/A									
Linoleic Acid	% by weight	N/A									
Linolenic Acid	% by weight	N/A									
Free Fatty Acid	% by weight	AOCS Ca 5a-40	0.30	0.30	0.30	0.20	0.20	0.20	0.30	0.30	0.30

Reporting Date	22/05/2018		Lab	K							
			Sample 1			Sample 2			Sample 3		
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average
Test Weight	kg/hL		67.8	68.2	68.0	68.2	69.2	68.7	67.4	66.6	67.0
Impurities	% by weight	AOF 2a-86	0.34	0.27	0.31	0.69	0.71	0.70	0.82	0.94	0.9
Oil NIR (Clean Seed)	% by weight	NIR	48.2	48.7	48.5	43.7	43.9	43.8	46.0	45.8	45.9
Oil Solvent (Clean Seed)	% by weight										
Oil SFE Extraction	% by weight										
Moisture Oven	% by weight										
Moisture NIR	% by weight	NIR	3.6	3.7	3.7	4.7	4.7	4.7	4.8	4.8	4.8
Oleic Acid	% by weight										
Linoleic Acid	% by weight										
Linolenic Acid	% by weight										
Free Fatty Acid	% by weight										

Reporting Date	9/05/2018		Lab	L							
			Sample 1			Sample 2			Sample 3		
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average
Test Weight	kg/hL	Chondrometer	67.29	67.29	67.29	68.02	67.75	67.89	66.94	66.24	66.59
Impurities	% by weight	AOF 4 - 1.3	1.18	1.14	1.16	1.07	1.09	1.08	3.07	3.01	3.04
Oil NIR (Clean Seed)	% by weight	Near-Infra Red (NIR)	48.12	48.13	48.13	43.09	43.46	43.28	46.70	46.81	46.76
Oil Solvent (Clean Seed)	% by weight	N/A									
Oil SFE Extraction	% by weight	N/A									
Moisture Oven	% by weight	AOF 4 - 1.5	4.28	4.30	4.29	5.41	5.41	5.41	5.38	5.34	5.36
Moisture NIR	% by weight	Near-Infra Red (NIR)	5.00	4.98	4.99	6.54	6.40	6.47	6.05	6.14	6.10
Oleic Acid	% by weight	N/A									
Linoleic Acid	% by weight	N/A									
Linolenic Acid	% by weight	N/A									
Free Fatty Acid	% by weight	N/A									

**AOF Test Check Program 2018 - Round 3**

			Lab	M								
			Sample 1			Sample 2			Sample 3			
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average	
Test Weight	kg/hL											
Impurities	% by weight											
Oil NIR (Clean Seed)	% by weight											
Oil Solvent (Clean Seed)	% by weight											
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight											
Moisture NIR	% by weight											
Oleic Acid	% by weight											
Linoleic Acid	% by weight											
Linolenic Acid	% by weight											
Free Fatty Acid	% by weight											

Reporting Date	May				Lab	O								
		Sample 1			Sample 2			Sample 3						
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average			
Test Weight	kg/hL		67.44	67.40	67.42	68.52	68.48	68.50	67.10	67.04	67.07			
Impurities	% by weight	AOF 4-1.2	1.40	1.40	1.40	1.00	1.00	1.00	2.30	2.30	2.30			
Oil NIR (Clean Seed)	% by weight	NIR	48.76	48.73	48.75	43.64	43.53	43.59	46.65	46.58	46.62			
Oil Solvent (Clean Seed)	% by weight	AOF 4-1.5 FOSFA	49.31	49.22	49.27	43.67	43.46	43.57	46.94	46.93	46.94			
Oil SFE Extraction	% by weight													
Moisture Oven	% by weight	AOF-1.5	4.27	4.25	4.26	5.33	5.31	5.32	5.36	5.35	5.36			
Moisture NIR	% by weight	NIR	3.61	3.62	3.62	4.75	4.73	4.74	4.67	4.67	4.67			
Oleic Acid	% by weight													
Linoleic Acid	% by weight													
Linolenic Acid	% by weight													
Free Fatty Acid	% by weight	AOF 4-2.19	0.08	0.08	0.08	0.08	0.08	0.08	0.14	0.13	0.14			

Reporting Date	16/05/2018				Lab	R								
		Sample 1			Sample 2			Sample 3						
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average			
Test Weight	kg/hL	½ litre measure & electronic balance	66.86	66.52	66.69	67.66	67.64	67.65	67.78	66.87	67.33			
Impurities	% by weight	Hand sieve (3.0/1.0mm), aspirate & hand pick	0.80	0.60	0.70	0.70	0.70	0.70	1.30	1.30	1.30			
Oil NIR (Clean Seed)	% by weight	Infracore 1241 Serial No: 91724323	48.97	48.76	48.87	44.06	44.07	44.07	47.02	47.17	47.10			
Oil Solvent (Clean Seed)	% by weight													
Oil SFE Extraction	% by weight													
Moisture Oven	% by weight	10g @ 130 oC for 1hr in duplicate (AOF method)	4.32	4.32	4.32	5.50	5.47	5.49	5.42	5.46	5.44			
Moisture NIR	% by weight	Infracore 1241 Serial No: 91724323	3.60	3.47	3.54	4.65	4.75	4.70	4.68	4.68	4.68			
Oleic Acid	% by weight													
Linoleic Acid	% by weight													
Linolenic Acid	% by weight													
Free Fatty Acid	% by weight													

Reporting Date					Lab	S								
		Sample 1			Sample 2			Sample 3						
Parameter	Unit	Method	Result A	Result B	Average	Result A	Result B	Average	Result A	Result B	Average			
Test Weight	kg/hL	TP 016	66.10	65.20	65.65	66.80	67.10	66.95	66.50	66.00	66.25			
Impurities	% by weight	TP 052	0.56	0.66	0.61	0.53	0.57	0.55	0.54	0.56	0.55			
Oil NIR (Clean Seed)	% by weight	TP 054	46.70	46.20	46.45	43.70	43.60	43.65	48.70	48.80	48.75			
Oil Solvent (Clean Seed)	% by weight	TP 053	47.10	47.60	47.35	43.00	43.10	43.05	48.30	48.80	48.55			
Oil SFE Extraction	% by weight													
Moisture Oven	% by weight	TP 022	5.40	5.40	5.40	5.50	5.70	5.60	4.30	4.30	4.30			
Moisture NIR	% by weight	TP 054	4.90	5.10	5.00	4.90	4.90	4.90	3.90	3.90	3.90			
Oleic Acid	% by weight	TP 047	59.60	59.90	59.75	63.30	62.70	63.00	61.40	61.20	61.30			
Linoleic Acid	% by weight	TP 047	22.80	22.80	22.80	21.50	21.70	21.60	22.60	22.60	22.60			
Linolenic Acid	% by weight	TP 047	10.90	10.80	10.85	8.40	8.50	8.45	9.70	9.70	9.70			
Free Fatty Acid	% by weight	TP 046	0.11	0.13	0.12	0.07	0.07	0.07	0.07	0.10	0.09			