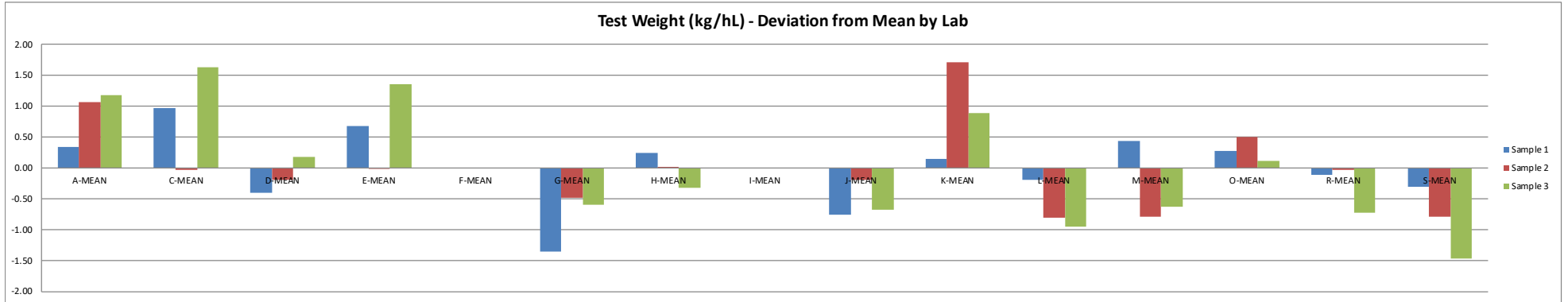


AOF Test Check Program 2018 - Round 1.xlsx

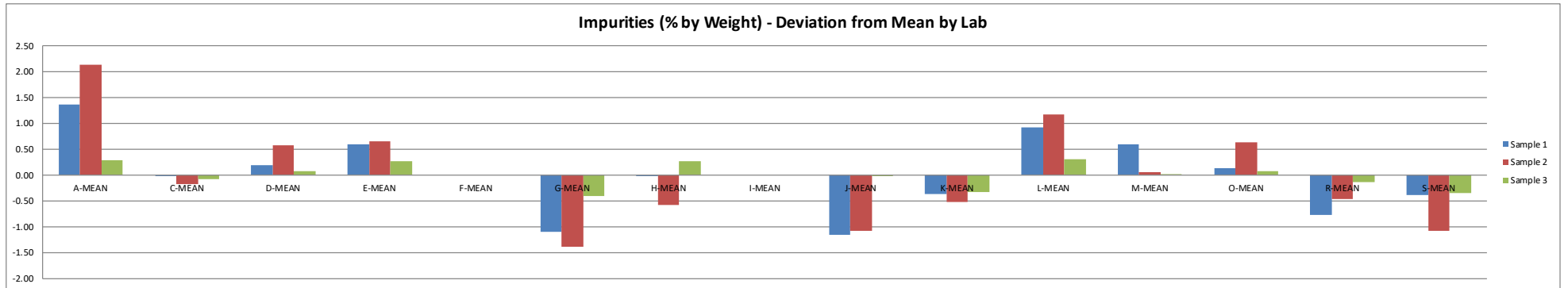
Test Weight (kg/hL)																																
	A	A-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN
Sample 1	68.50	0.34	69.13	0.97	67.75	-0.41	68.84	0.68			66.82	-1.34	68.40	0.24			67.40	-0.76	68.30	0.14	67.97	-0.19	68.6	0.44	68.44	0.28	68.05	-0.11	67.85	-0.31	0.62	68.16
Sample 2	67.75	1.06	66.65	-0.04	66.50	-0.19	66.69	0.00			66.21	-0.48	66.70	0.01			66.50	-0.19	68.40	1.71	65.89	-0.80	65.9	-0.79	67.19	0.50	66.65	-0.04	65.90	-0.79	0.74	66.69
Sample 3	67.00	1.18	67.45	1.63	66.00	0.18	67.17	1.35			65.22	-0.60	65.50	-0.32			65.15	-0.67	66.70	0.88	64.87	-0.95	65.2	-0.62	65.94	0.12	65.10	-0.72	64.35	-1.47	0.98	65.82
Mean Absolute Difference		0.86		0.88		0.26		0.68				0.81		0.19				0.54		0.91		0.65		0.62		0.30		0.29		0.85		
Mean of Difference		0.86		0.85		-0.14		0.68				-0.81		-0.02				-0.54		0.91		-0.65		-0.32		0.30		-0.29		-0.85		



Test Weight (kg/hL) Z-score															
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	0.56	1.58	-0.66	1.11		-2.17	0.39		-1.23	0.23	-0.31	0.72	0.46	-0.17	-0.50
Sample 2	1.45	-0.05	-0.25	0.00		-0.65	0.02		-0.25	2.33	-1.08	-1.07	0.68	-0.05	-1.07
Sample 3	1.20	1.66	0.19	1.37		-0.61	-0.32		-0.68	0.90	-0.97	-0.63	0.12	-0.73	-1.50

AOF Test Check Program 2018 - Round 1.xlsx

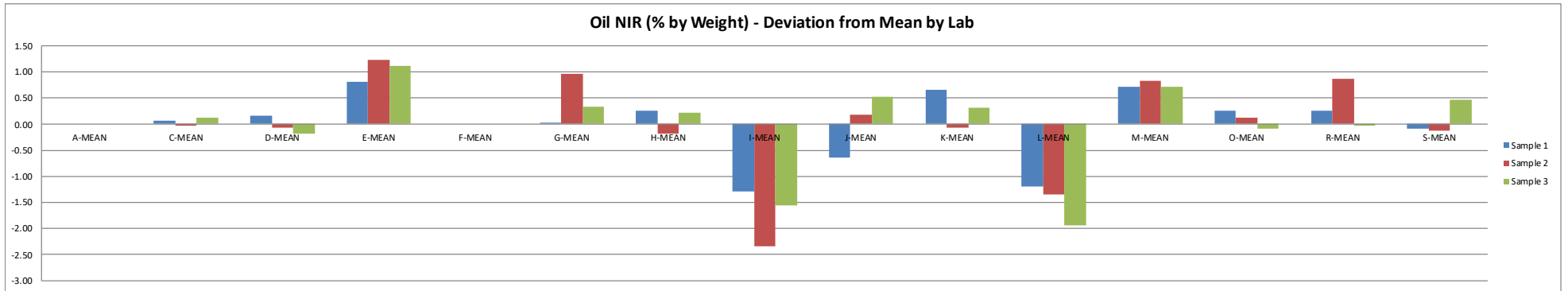
Impurities (% by Weight)																																
	A	A-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN
Sample 1	3.32	1.36	1.95	-0.01	2.15	0.19	2.56	0.59			0.87	-1.09	1.95	-0.01			0.80	-1.16	1.60	-0.37	2.88	0.92	2.56	0.60	2.10	0.14	1.20	-0.76	1.57	-0.39	0.76	1.96
Sample 2	4.21	2.14	1.90	-0.17	2.65	0.58	2.73	0.66			0.70	-1.37	1.50	-0.57			1.00	-1.07	1.55	-0.52	3.24	1.17	2.13	0.06	2.70	0.63	1.60	-0.47	0.99	-1.08	1.01	2.07
Sample 3	1.32	0.29	0.95	-0.08	1.10	0.07	1.30	0.27			0.62	-0.41	1.30	0.27			1.00	-0.03	0.70	-0.33	1.34	0.31	1.05	0.02	1.10	0.07	0.90	-0.13	0.68	-0.35	0.25	1.03
Mean Absolute Difference		1.26		0.09		0.28		0.51				0.96		0.28				0.75		0.41		0.80		0.23		0.28		0.45		0.61		
Mean of Difference		1.26		-0.09		0.28		0.51				-0.96		-0.10				-0.75		-0.41		0.80		0.23		0.28		-0.45		-0.61		



Impurities (% by Weight) Z - score															
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	1.80	-0.02	0.25	0.78		-1.44	-0.02		-1.54	-0.48	1.21	0.79	0.18	-1.01	-0.52
Sample 2	2.12	-0.17	0.58	0.66		-1.36	-0.56		-1.06	-0.52	1.16	0.06	0.63	-0.47	-1.07
Sample 3	1.17	-0.33	0.29	1.09		-1.62	1.09		-0.11	-1.30	1.23	0.09	0.29	-0.51	-1.38

AOF Test Check Program 2018 - Round 1.xlsx

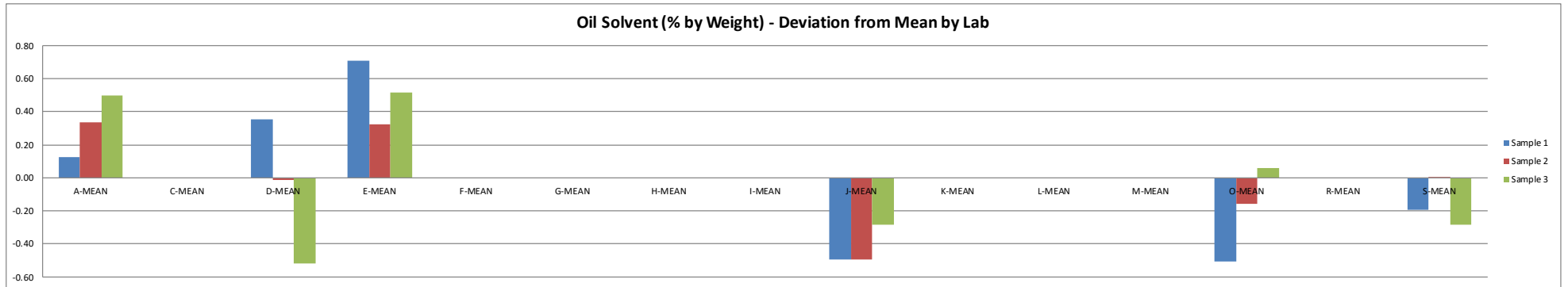
Oil NIR (% by Weight)																																
	A	A-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN
Sample 1			41.90	0.06	42.00	0.16	42.65	0.81			41.86	0.02	42.10	0.26	40.54	-1.30	41.20	-0.64	42.50	0.66	40.65	-1.19	42.55	0.71	42.09	0.25	42.10	0.26	41.75	-0.09	0.67	41.84
Sample 2			46.15	-0.03	46.10	-0.08	47.40	1.22			47.14	0.96	46.00	-0.18	43.83	-2.35	46.35	0.17	46.10	-0.08	44.83	-1.35	47.00	0.82	46.31	0.13	47.05	0.87	46.05	-0.13	0.97	46.18
Sample 3			49.80	0.12	49.50	-0.18	50.80	1.12			50.02	0.34	49.90	0.22	48.14	-1.55	50.20	0.52	50.00	0.32	47.75	-1.94	50.40	0.72	49.60	-0.08	49.65	-0.03	50.15	0.47	0.85	49.69
Mean Absolute Difference				0.07		0.14		1.05				0.44		0.22		1.73		0.44		0.35		1.49		0.75		0.16		0.39		0.23		
Mean of Difference				0.05		-0.03		1.05				0.44		0.10		-1.73		0.02		0.30		-1.49		0.75		0.10		0.37		0.08		



Oil NIR (% by Weight) Z-score															
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1		0.09	0.24	1.22		0.03	0.39	-1.94	-0.95	0.99	-1.78	1.07	0.38	0.39	-0.13
Sample 2		-0.03	-0.08	1.26		0.99	-0.18	-2.42	0.18	-0.08	-1.39	0.85	0.13	0.90	-0.13
Sample 3		0.14	-0.22	1.31		0.39	0.25	-1.82	0.60	0.37	-2.27	0.84	-0.10	-0.04	0.55

AOF Test Check Program 2018 - Round 1.xlsx

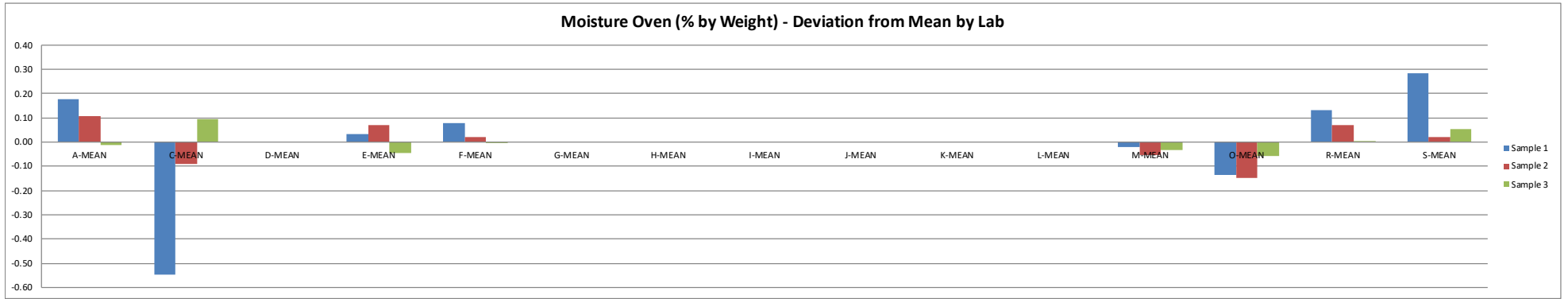
Oil Solvent (% by Weight)																																
	A	A-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN
Sample 1	42.42	0.13			42.65	0.36	43.00	0.71									41.80	-0.49							41.79	-0.50			42.10	-0.19	0.49	42.29
Sample 2	47.34	0.34			46.99	-0.01	47.32	0.32									46.50	-0.50							46.84	-0.16			47.00	0.00	0.31	47.00
Sample 3	50.98	0.50			49.97	-0.52	51.00	0.52									50.20	-0.28							50.54	0.06			50.20	-0.28	0.43	50.48
Mean Absolute Difference		0.32				0.29		0.52										0.42								0.24					0.16	
Mean of Difference		0.32				-0.06		0.52										-0.42								-0.20					-0.16	



Oil Solvent (% by Weight) Z - score															
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	0.26		0.74	1.46					-1.02				-1.04		-0.40
Sample 2	1.08		-0.04	1.03					-1.59				-0.50		0.01
Sample 3	1.15		-1.19	1.19					-0.65				0.14		-0.65

AOF Test Check Program 2018 - Round 1.xlsx

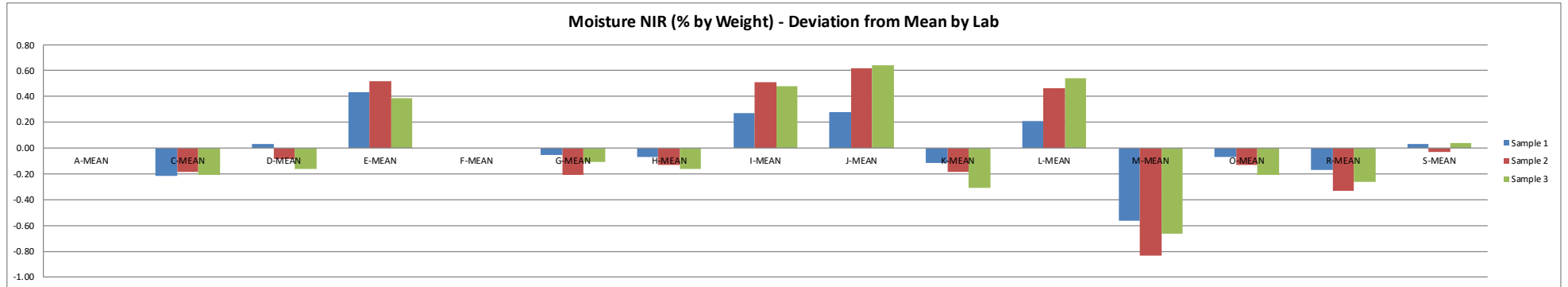
Moisture Oven (% by Weight)																																	
	A	A-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDDEV	MEAN	
Sample 1	6.85	0.18	6.12	-0.55			6.70	0.03	6.75	0.08													6.65	-0.02	6.53	-0.14	6.80	0.13	6.95	0.28	0.25	6.67	
Sample 2	5.64	0.11	5.44	-0.09			5.60	0.07	5.55	0.02													5.48	-0.05	5.38	-0.15	5.60	0.07	5.55	0.02	0.09	5.53	
Sample 3	4.89	-0.01	4.99	0.09			4.85	-0.05	4.90	0.00													4.87	-0.03	4.84	-0.06	4.90	0.00	4.95	0.05	0.05	4.90	
Mean Absolute Difference		0.10		0.24				0.05		0.03														0.04		0.11		0.07		0.12			
Mean of Difference		0.09		-0.18				0.02		0.03														-0.04		-0.11		0.07		0.12			



Moisture Oven (% by Weight) Z - score																
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S	
Sample 1	0.70	-2.14		0.13	0.31								-0.09	-0.54	0.52	1.11
Sample 2	1.20	-1.00		0.80	0.24								-0.61	-1.67	0.80	0.24
Sample 3	-0.23	1.83		-0.92	-0.04								-0.63	-1.12	0.06	1.04

AOF Test Check Program 2018 - Round 1.xlsx

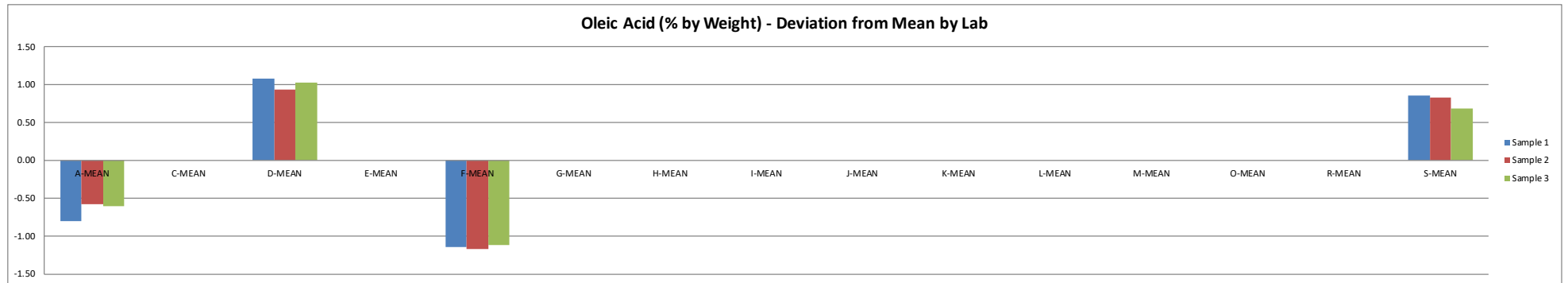
Moisture NIR (% by Weight)																																
	A	A-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDDEV	MEAN
Sample 1			6.20	-0.22	6.45	0.03	6.85	0.43			6.37	-0.05	6.35	-0.07	6.69	0.27	6.70	0.28	6.30	-0.12	6.63	0.21	5.85	-0.57	6.35	-0.07	6.25	-0.17	6.45	0.03	0.26	6.42
Sample 2			5.00	-0.18	5.10	-0.08	5.70	0.52			4.97	-0.21	5.05	-0.13	5.70	0.51	5.80	0.62	5.00	-0.18	5.65	0.47	4.35	-0.83	5.05	-0.13	4.85	-0.33	5.15	-0.03	0.42	5.18
Sample 3			4.45	-0.21	4.50	-0.16	5.05	0.39			4.56	-0.11	4.50	-0.16	5.14	0.48	5.30	0.64	4.35	-0.31	5.20	0.54	4.00	-0.66	4.46	-0.21	4.40	-0.26	4.70	0.04	0.39	4.66
Mean Absolute Difference				0.20		0.09		0.45				0.12		0.12		0.42		0.51		0.20		0.41		0.69		0.14		0.25		0.03		
Mean of Difference				-0.20		-0.07		0.45				-0.12		-0.12		0.42		0.51		-0.20		0.41		-0.69		-0.14		-0.25		0.01		



Moisture NIR (% by Weight) Z - score															
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1		-0.84	0.12	1.67		-0.20	-0.26	1.03	1.09	-0.45	0.82	-2.19	-0.26	-0.65	0.12
Sample 2		-0.44	-0.20	1.24		-0.51	-0.32	1.23	1.48	-0.44	1.12	-1.99	-0.32	-0.80	-0.08
Sample 3		-0.54	-0.41	0.99		-0.27	-0.41	1.22	1.63	-0.80	1.38	-1.69	-0.53	-0.67	0.10

AOF Test Check Program 2018 - Round 1.xlsx

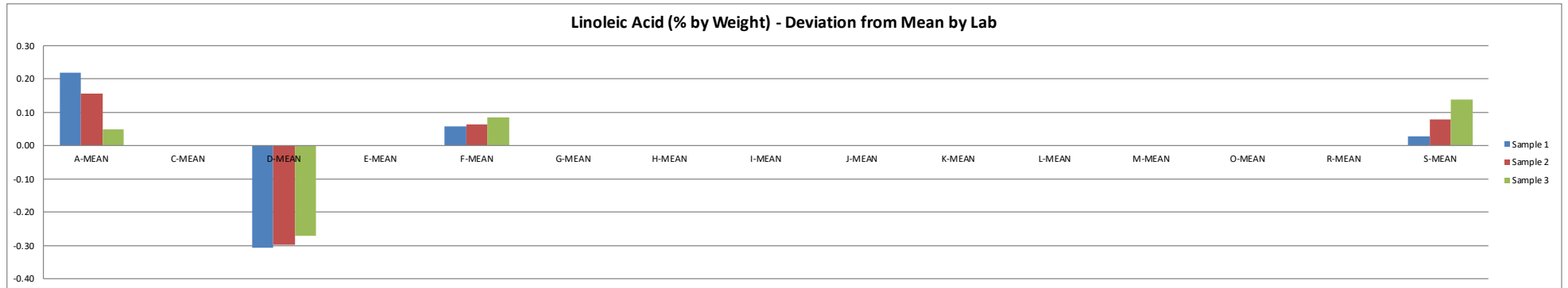
Oleic Acid (% by Weight)																																	
	A	A-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN	
Sample 1	62.40	-0.80			64.27	1.08			62.06	-1.14																			64.05	0.86	1.13	63.19	
Sample 2	57.75	-0.58			59.26	0.93			57.16	-1.17																			59.15	0.82	1.04	58.33	
Sample 3	59.97	-0.60			61.59	1.02			59.46	-1.11																			61.25	0.68	1.02	60.57	
Mean Absolute Difference		0.66				1.01				1.14																						0.79	
Mean of Difference		-0.66				1.01				-1.14																						0.79	



Oleic Acid (% by Weight) (% by Weight) Z - score															
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	-0.71		0.95		-1.01					0.00					0.76
Sample 2	-0.56		0.89		-1.12					0.00					0.79
Sample 3	-0.59		1.01		-1.09					0.00					0.67

AOF Test Check Program 2018 - Round 1.xlsx

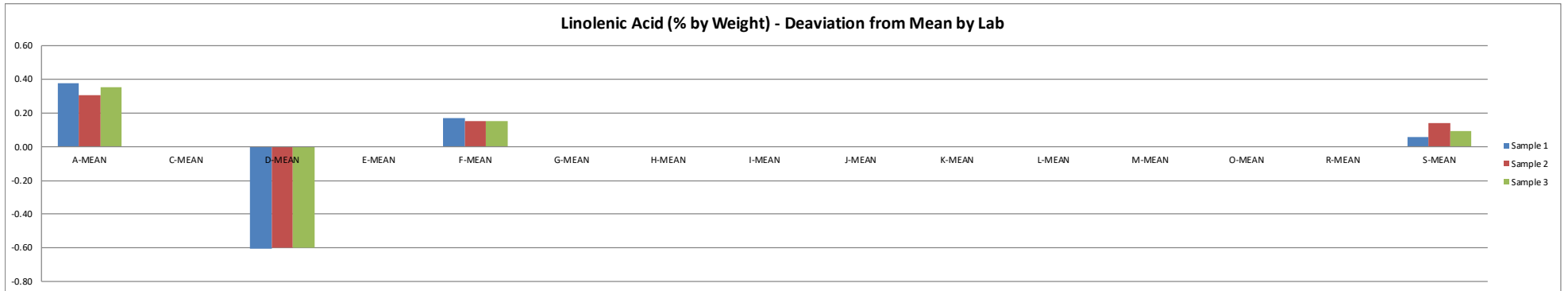
Linoleic Acid (% by Weight)																																
	A	A-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN
Sample 1	18.99	0.22			18.47	-0.31			18.83	0.06																			18.80	0.03	0.22	18.77
Sample 2	22.68	0.16			22.23	-0.30			22.59	0.06																			22.60	0.08	0.20	22.52
Sample 3	21.71	0.05			21.39	-0.27			21.75	0.08																		21.80	0.14	0.18	21.66	
Mean Absolute Difference		0.14				0.29				0.07																					0.08	
Mean of Difference						-0.29				0.07																					0.08	



Linoleic Acid (% by Weight) Z - score															
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	0.99		-1.39		0.27										0.13
Sample 2	0.78		-1.47		0.31										0.38
Sample 3	0.26		-1.47		0.45										0.75

AOF Test Check Program 2018 - Round 1.xlsx

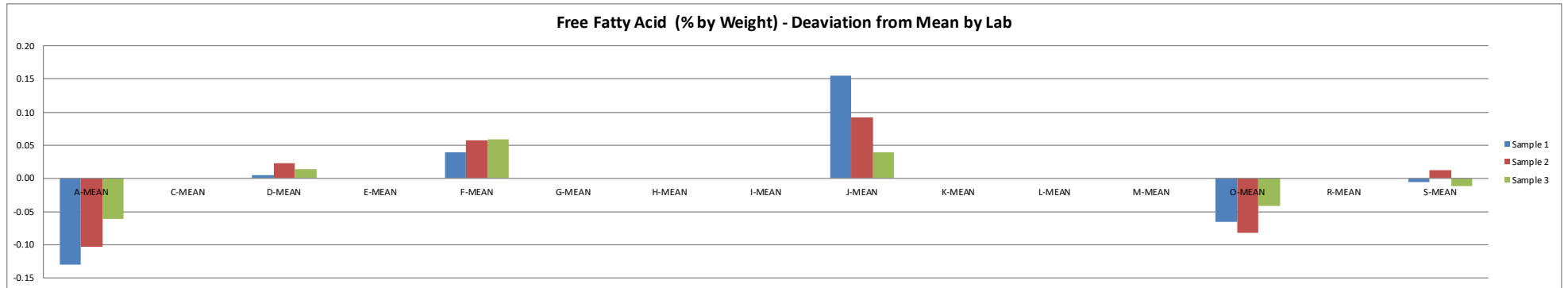
Linolenic Acid (% by Weight)																																
	A	A-MEAN	C	C-MEAN	D	D-MEAN	E	E-MEAN	F	F-MEAN	G	G-MEAN	H	H-MEAN	I	I-MEAN	J	J-MEAN	K	K-MEAN	L	L-MEAN	M	M-MEAN	O	O-MEAN	R	R-MEAN	S	S-MEAN	STDEV	MEAN
Sample 1	9.82	0.38			8.84	-0.61			9.62	0.17																			9.50	0.06	0.43	9.44
Sample 2	10.97	0.31			10.07	-0.60			10.82	0.15																			10.80	0.14	0.41	10.66
Sample 3	10.16	0.36			9.21	-0.60			9.96	0.15																		9.90	0.10	0.42	9.81	
Mean Absolute Difference		0.35				0.60				0.16																				0.10		
Mean of Difference						-0.60				0.16																				0.10		



Linolenic Acid (% by Weight) Z - score															
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	0.89		-1.43		0.40										0.13
Sample 2	0.76		-1.47		0.38										0.34
Sample 3	0.85		-1.44		0.36										0.23

AOF Test Check Program 2018 - Round 1.xlsx

Free Fatty Acid (% by Weight)																																
	A	A-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	0.11	-0.13			0.25	0.01			0.28	0.04							0.40	0.16							0.18	-0.07			0.24	-0.01	0.10	0.24
Sample 2	0.11	-0.10			0.23	0.02			0.27	0.06							0.30	0.09							0.13	-0.08			0.22	0.01	0.08	0.21
Sample 3	0.12	-0.06			0.19	0.01			0.24	0.06							0.22	0.04							0.14	-0.04			0.17	-0.01	0.05	0.18
Mean Absolute Difference		0.10			0.01				0.05								0.10								0.06				0.01			
Mean of Difference		-0.10			0.01				0.05								0.10								-0.06				0.00			



Free Fatty Acid (% by Weight) Z - score															
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Sample 1	-1.34		0.05		0.41				1.60				-0.67		-0.05
Sample 2	-1.33		0.29		0.74				1.20				-1.07		0.16
Sample 3	-1.31		0.31		1.28				0.85				-0.88		-0.23

AOF Test Check Program 2018 - Round 1.xlsx

2018 - Round 1

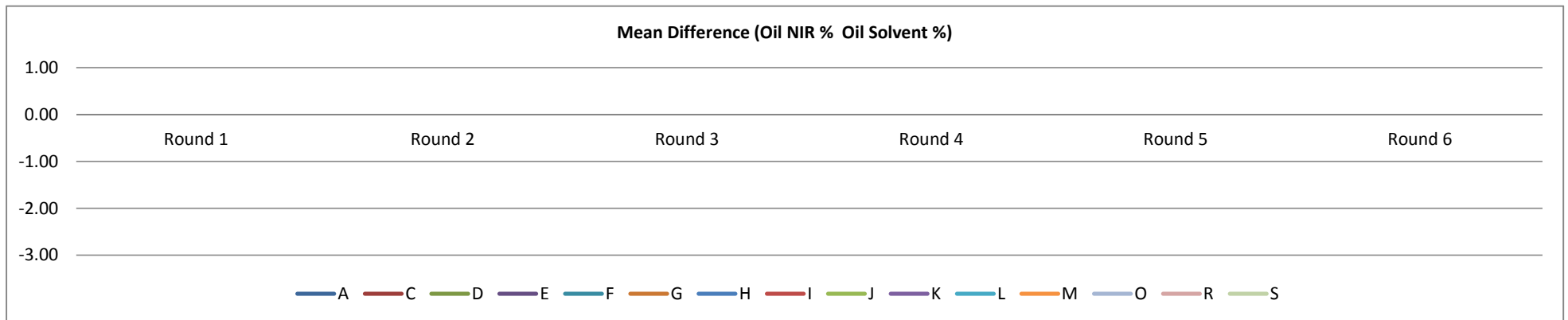
Oil % (NIR) - Oil % (Reference)																
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S	
Sample 1			-0.39	-0.29	0.36		-0.43	-0.19	-1.75	-1.09	0.21	-1.09	0.21	-0.20	-0.19	-0.54
Sample 2			-0.85	-0.90	0.40		0.14	-1.00	-3.17	-0.65	-0.90	-0.65	-0.90	-0.69	0.05	-0.95
Sample 3			-0.68	-0.98	0.32		-0.46	-0.58	-2.35	-0.28	-0.48	-0.28	-0.48	-0.88	-0.83	-0.33
Average			-0.64	-0.72	0.36		-0.25	-0.59	-2.42	-0.67	-0.39	-0.67	-0.39	-0.59	-0.32	-0.61

Moisture % (NIR) - Moisture % (Reference)																
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S	
Sample 1			-0.47	-0.22	0.18		-0.30	-0.32	0.02	0.03	-0.37	-0.04	-0.82	-0.32	-0.42	-0.22
Sample 2			-0.53	-0.43	0.17		-0.56	-0.48	0.17	0.27	-0.53	0.12	-1.18	-0.48	-0.68	-0.38
Sample 3			-0.45	-0.40	0.15		-0.34	-0.40	0.24	0.40	-0.55	0.30	-0.90	-0.44	-0.50	-0.20
Average			-0.48	-0.35	0.17		-0.40	-0.40	0.14	0.24	-0.48	0.13	-0.96	-0.41	-0.53	-0.26

AOF Test Check Program 2018 - Round 1.xlsx

Collective 2018 Oil

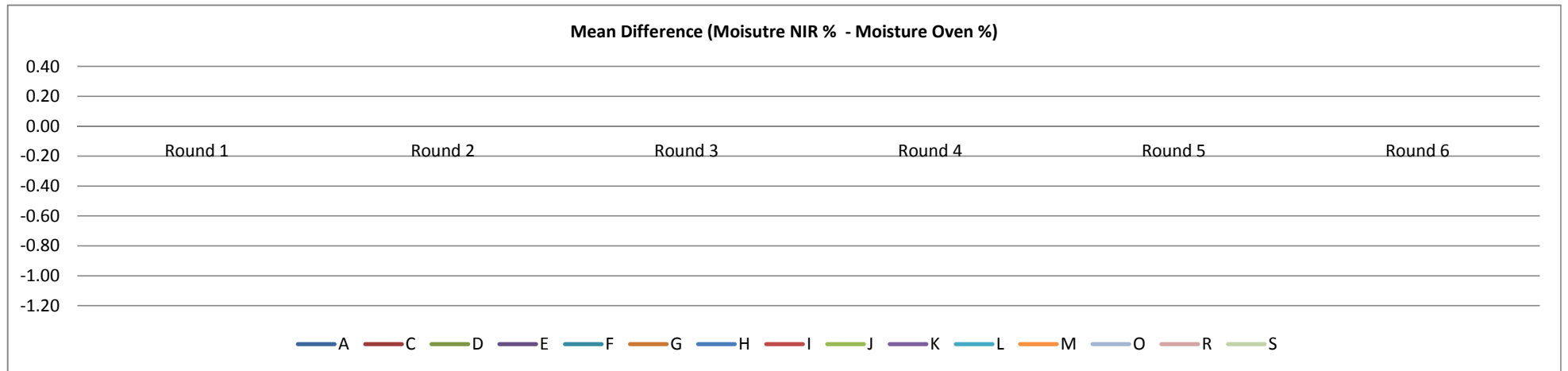
Mean Difference (Oil NIR % - Oil Reference %)																		
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S			
Round 1		-0.64	-0.72	0.36		-0.25	-0.59	-2.42	-0.67	-0.39	-0.67	-0.39	-0.59	-0.32	-0.61			
Round 2																		
Round 3																		
Round 4																		
Round 5																		
Round 6																		



AOF Test Check Program 2018 - Round 1.xlsx

Collective 2018 Moisture

Mean Difference (Moisture NIR % - Moisture Reference %)															
	A	C	D	E	F	G	H	I	J	K	L	M	O	R	S
Round 1		-0.48	-0.35	0.17		-0.40	-0.40	0.14	0.24	-0.48	0.13	-0.96	-0.41	-0.53	-0.26
Round 2															
Round 3															
Round 4															
Round 5															
Round 6															



AOF Test Check Program 2018 - Round 1.xlsx

Appendix 1:

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

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 1.xlsx

Appendix 2: Raw Data

			Lab	A				Date	30/01/2018		
			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		68.50	68.50	68.50	67.75	67.75	67.75	67.00	67.00	67.00
Impurities	% by weight	AOF4-1.3	3.36	3.28	3.32	4.25	4.16	4.21	1.34	1.30	1.32
Oil NIR (Clean Seed)	% by weight	NIR									
Oil Solvent (Clean Seed)	% by weight	FOSFA	42.49	42.35	42.42	47.37	47.30	47.34	50.93	51.03	50.98
Oil SFE Extraction	% by weight	Fast Fat									
Moisture Oven	% by weight		6.86	6.83	6.85	5.62	5.65	5.64	4.86	4.91	4.89
Moisture NIR	% by weight	NIR									
Oleic Acid	% by weight	Methanolic KOH	62.36	62.43	62.40	57.73	57.76	57.75	60.04	59.90	59.97
Linoleic Acid	% by weight	Methanolic KOH	18.99	18.99	18.99	22.68	22.68	22.68	21.69	21.73	21.71
Linolenic Acid	% by weight	Methanolic KOH	9.86	9.78	9.82	10.99	10.95	10.97	10.10	10.22	10.16
Free Fatty Acid	% by weight	AOC5 Ac5-41	0.11	0.11	0.11	0.10	0.11	0.11	0.12	0.11	0.12

			Lab	C				Date	24/01/2018		
			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		69.16	69.10	69.13	66.20	67.10	66.65	67.44	67.45	67.45
Impurities	% by weight		2.00	1.90	1.95	2.00	1.80	1.90	0.99	0.90	0.95
Oil NIR (Clean Seed)	% by weight	Infracore 1241	41.80	42.00	41.90	46.20	46.10	46.15	49.80	49.80	49.80
Oil Solvent (Clean Seed)	% by weight										
Oil SFE Extraction	% by weight										
Moisture Oven	% by weight		6.27	5.97	6.12	5.87	5.01	5.44	5.29	4.69	4.99
Moisture NIR	% by weight	Infracore 1241	6.2	6.2	6.2	5.1	4.9	5.0	4.5	4.4	4.5
Oleic Acid	% by weight										
Linoleic Acid	% by weight										
Linolenic Acid	% by weight										
Free Fatty Acid	% by weight										

			Lab	D				Date	14/01/2018		
			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		68.0	67.5	67.8	66.5	66.5	66.5	66.5	65.5	66.0
Impurities	% by weight		2.1	2.2	2.2	2.7	2.6	2.7	0.8	1.4	1.1
Oil NIR (Clean Seed)	% by weight		41.7	42.3	42.0	46.1	46.1	46.1	49.5	49.5	49.5
Oil Solvent (Clean Seed)	% by weight		43.12	42.18	42.65	46.27	47.70	46.99	49.97	49.96	49.97
Oil SFE Extraction	% by weight										
Moisture Oven	% by weight		6.24	6.25	6.25	5.07	5.08	5.08	4.42	4.47	4.45
Moisture NIR	% by weight		6.5	6.4	6.5	5.1	5.1	5.1	4.5	4.5	4.5
Oleic Acid	% by weight		64.43	64.11	64.27	59.24	59.28	59.26	61.66	61.52	61.59
Linoleic Acid	% by weight		18.47	18.46	18.47	22.23	22.22	22.23	21.36	21.42	21.39
Linolenic Acid	% by weight		8.8	8.9	8.8	10.1	10.1	10.1	9.2	9.2	9.2
Free Fatty Acid	% by weight		0.24	0.25	0.25	0.24	0.22	0.23	0.19	0.19	0.19

			Lab	E				Date	30/01/2018		
			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		68.84	68.84	68.84	66.31	67.06	66.69	66.93	67.40	67.17
Impurities	% by weight		2.49	2.62	2.56	2.77	2.69	2.73	1.29	1.31	1.30
Oil NIR (Clean Seed)	% by weight	Infracore 1241	42.60	42.70	42.65	47.20	47.60	47.40	50.80	50.80	50.80
Oil Solvent (Clean Seed)	% by weight	ISO 659	43.08	42.92	43.00	47.40	47.24	47.32	51.03	50.97	51.00
Oil SFE Extraction	% by weight										
Moisture Oven	% by weight		6.7	6.7	6.7	5.6	5.6	5.6	4.9	4.8	4.9
Moisture NIR	% by weight		6.8	6.9	6.9	5.7	5.7	5.7	5.0	5.1	5.1
Oleic Acid	% by weight	Infracore 1241									
Linoleic Acid	% by weight										
Linolenic Acid	% by weight										
Free Fatty Acid	% by weight										

AOF Test Check Program 2018 - Round 1.xlsx

			Lab	F	Date			17/01/2018					
			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	39.96	38.89	39.43								
Oil SFE Extraction	% by weight												
Moisture Oven	% by weight	AOF 4-1.5	6.73	6.76	6.75	5.56	5.54	5.55	4.90	4.89	4.90		
Moisture NIR	% by weight												
Oleic Acid	% by weight	AOF 4-1.21	62.04	62.07	62.06	57.06	57.25	57.16	59.48	59.43	59.46		
Linoleic Acid	% by weight	AOF 4-1.21	18.82	18.84	18.83	22.59	22.58	22.59	21.78	21.71	21.75		
Linolenic Acid	% by weight	AOF 4-1.21	9.61	9.62	9.62	10.80	10.83	10.82	9.96	9.95	9.96		
Free Fatty Acid	% by weight	AOF 4-2.19	0.30	0.26	0.28	0.27	0.26	0.27	0.23	0.24	0.24		

			Lab	G	Date			7/01/2018					
			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		66.71	66.92	66.82	65.97	66.45	66.21	65.18	65.26	65.22		
Impurities	% by weight		1.02	0.72	0.87	0.73	0.66	0.70	0.71	0.53	0.62		
Oil NIR (Clean Seed)	% by weight	NIR	41.83	41.89	41.86	47.07	47.20	47.14	50.16	49.88	50.02		
Oil Solvent (Clean Seed)	% by weight												
Oil SFE Extraction	% by weight												
Moisture Oven	% by weight		6.88	6.86	6.87	5.73	5.73	5.73	5.05	5.05	5.05		
Moisture NIR	% by weight	NIR	6.35	6.38	6.37	4.96	4.98	4.97	4.41	4.70	4.56		
Oleic Acid	% by weight												
Linoleic Acid	% by weight												
Linolenic Acid	% by weight												
Free Fatty Acid	% by weight												

			Lab	H	Date			8/01/2018					
			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		68.6	68.2	68.4	66.6	66.8	66.7	65.6	65.4	65.5		
Impurities	% by weight		2.3	1.6	2.0	1.6	1.4	1.5	1.3	1.3	1.3		
Oil NIR (Clean Seed)	% by weight		42.0	42.2	42.1	45.9	46.1	46.0	49.7	50.1	49.9		
Oil Solvent (Clean Seed)	% by weight												
Oil SFE Extraction	% by weight												
Moisture Oven	% by weight												
Moisture NIR	% by weight		6.3	6.4	6.4	5.1	5.0	5.1	4.6	4.4	4.5		
Oleic Acid	% by weight												
Linoleic Acid	% by weight												
Linolenic Acid	% by weight												
Free Fatty Acid	% by weight												

			Lab	I	Date			4/01/2018					
			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		40.81	40.27	40.54	43.78	43.88	43.83	48.13	48.14	48.14		
Oil Solvent (Clean Seed)	% by weight												
Oil SFE Extraction	% by weight												
Moisture Oven	% by weight		6.72	6.69	6.71	5.75	5.71	5.73	5.05	5.10	5.08		
Moisture NIR	% by weight		6.65	6.72	6.69	5.70	5.69	5.70	5.15	5.13	5.14		
Oleic Acid	% by weight												
Linoleic Acid	% by weight												
Linolenic Acid	% by weight												
Free Fatty Acid	% by weight												

AOF Test Check Program 2018 - Round 1.xlsx

			Lab	J			Date			12/01/2018		
			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	67.4	67.4	67.4	66.5	66.5	66.5	65.2	65.1	65.2	
Impurities	% by weight	AOF Quality Standard	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	
Oil NIR (Clean Seed)	% by weight	NIR	41.3	41.1	41.2	46.2	46.5	46.4	50.2	50.2	50.2	
Oil Solvent (Clean Seed)	% by weight	AOCS AM 2-93	41.8	41.8	41.8	46.5	46.5	46.5	50.2	50.2	50.2	
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight	AOAC 925.10	6.9	6.9	6.9	6.0	6.0	6.0	5.1	5.3	5.2	
Moisture NIR	% by weight	NIR	6.7	6.7	6.7	5.8	5.8	5.8	5.3	5.3	5.3	
Oleic Acid	% by weight											
Linoleic Acid	% by weight											
Linolenic Acid	% by weight											
Free Fatty Acid	% by weight	AOCS Ca 5a-40	0.40	0.39	0.40	0.30	0.30	0.30	0.20	0.23	0.22	

			Lab	K			Date			12/01/2018		
			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	AOF 2A-86	68.0	68.6	68.3	68.4	68.4	68.4	66.6	66.8	66.7	
Impurities	% by weight		1.57	1.62	1.60	1.63	1.46	1.55	0.69	0.71	0.7	
Oil NIR (Clean Seed)	% by weight	NIR	42.2	42.8	42.5	46.1	46.1	46.1	50.1	49.9	50.0	
Oil Solvent (Clean Seed)	% by weight											
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight											
Moisture NIR	% by weight	NIR	6.2	6.4	6.3	5.0	5.0	5.0	4.4	4.3	4.4	
Oleic Acid	% by weight											
Linoleic Acid	% by weight											
Linolenic Acid	% by weight											
Free Fatty Acid	% by weight											

			Lab	L			Date			10/01/2018		
			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	68.18	67.75	67.97	65.86	65.92	65.89	64.80	64.93	64.87	
Impurities	% by weight	AOF 4 - 1.3	2.77	2.99	2.88	3.14	3.34	3.24	1.45	1.22	1.34	
Oil NIR (Clean Seed)	% by weight	Near-Infra Red (NIR)	40.89	40.40	40.65	44.79	44.86	44.83	47.82	47.68	47.75	
Oil Solvent (Clean Seed)	% by weight											
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight	AOF 4 - 1.5	6.81	6.69	6.75	5.56	5.52	5.54	4.79	4.82	4.81	
Moisture NIR	% by weight	Near-Infra Red (NIR)	6.60	6.66	6.63	5.64	5.66	5.65	5.22	5.18	5.20	
Oleic Acid	% by weight											
Linoleic Acid	% by weight											
Linolenic Acid	% by weight											
Free Fatty Acid	% by weight											

			Lab	M			Date			4/01/2018		
			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		68.70	68.50	68.60	65.90	65.90	65.90	65.30	65.10	65.20	
Impurities	% by weight		2.58	2.54	2.56	2.06	2.20	2.13	1.07	1.03	1.05	
Oil NIR (Clean Seed)	% by weight		42.80	42.30	42.55	47.10	46.90	47.00	50.40	50.40	50.40	
Oil Solvent (Clean Seed)	% by weight					46.02	46.48	46.25				
Oil SFE Extraction	% by weight											
Moisture Oven	% by weight		6.68	6.61	6.65	5.50	5.45	5.48	4.87	4.86	4.87	
Moisture NIR	% by weight		5.90	5.80	5.85	4.40	4.30	4.35	4.00	4.00	4.00	
Oleic Acid	% by weight					57.03	57.01	57.02				
Linoleic Acid	% by weight					22.85	22.84	22.84				
Linolenic Acid	% by weight					10.99	11.02	11.00				
Free Fatty Acid	% by weight					0.23	0.23	0.23				

AOF Test Check Program 2018 - Round 1.xlsx

			Lab	O	Date			Jan - 2018					
			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		68.46	68.42	68.44	67.20	67.17	67.19	65.96	65.92	65.94		
Impurities	% by weight	AOF 4-1.2	2.10	2.10	2.10	2.70	2.70	2.70	1.10	1.10	1.10		
Oil NIR (Clean Seed)	% by weight	NIR	42.10	42.08	42.09	46.31	46.30	46.31	49.60	49.60	49.60		
Oil Solvent (Clean Seed)	% by weight	AOF 4-1.5 FOSFA	41.83	41.75	41.79	46.81	46.87	46.84	50.71	50.37	50.54		
Oil SFE Extraction	% by weight												
Moisture Oven	% by weight	AOF-1.5	6.57	6.49	6.53	5.39	5.37	5.38	4.86	4.82	4.84		
Moisture NIR	% by weight	NIR	6.35	6.35	6.35	5.04	5.06	5.05	4.46	4.45	4.46		
Oleic Acid	% by weight												
Linoleic Acid	% by weight												
Linolenic Acid	% by weight												
Free Fatty Acid	% by weight	AOF 4-2.19	0.19	0.16	0.18	0.14	0.11	0.13	0.13	0.14	0.14		

			Lab	R	Date			31/01/2018					
			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	% litre measure & electronic balance	68.00	68.10	68.05	66.50	66.80	66.65	65.10	65.10	65.10		
Impurities	% by weight	Hand sieve (3.0/1.0mm), aspirate & hand pick	1.20	1.20	1.20	1.70	1.50	1.60	0.90	0.90	0.90		
Oil NIR (Clean Seed)	% by weight	Infracore 1241 Serial No: 91724323	42.00	42.20	42.10	47.00	47.10	47.05	49.60	49.70	49.65		
Oil Solvent (Clean Seed)	% by weight												
Oil SFE Extraction	% by weight												
Moisture Oven	% by weight	10g @ 130 oC for 1hr in duplicate (AOF method)	6.80	6.80	6.80	5.60	5.60	5.60	4.90	4.90	4.90		
Moisture NIR	% by weight	Infracore 1241 Serial No: 91724323	6.30	6.20	6.25	4.90	4.80	4.85	4.40	4.40	4.40		
Oleic Acid	% by weight												
Linoleic Acid	% by weight												
Linolenic Acid	% by weight												
Free Fatty Acid	% by weight												

			Lab	S	Date			1/02/2018					
			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 16	67.80	67.90	67.85	66.20	65.60	65.90	64.70	64.00	64.35		
Impurities	% by weight	TP 52	1.56	1.58	1.57	0.94	1.04	0.99	0.64	0.72	0.68		
Oil NIR (Clean Seed)	% by weight	TP 54	41.60	41.90	41.75	45.90	46.20	46.05	50.10	50.20	50.15		
Oil Solvent (Clean Seed)	% by weight	TP 53	42.20	42.00	42.10	47.10	46.90	47.00	50.10	50.30	50.20		
Oil SFE Extraction	% by weight												
Moisture Oven	% by weight	TP 22	7.00	6.90	6.95	5.60	5.50	5.55	4.90	5.00	4.95		
Moisture NIR	% by weight	TP 54	6.50	6.40	6.45	5.10	5.20	5.15	4.80	4.60	4.70		
Oleic Acid	% by weight	TP 47	64.20	63.90	64.05	59.10	59.20	59.15	61.30	61.20	61.25		
Linoleic Acid	% by weight	TP 47	18.80	18.80	18.80	22.60	22.60	22.60	21.80	21.80	21.80		
Linolenic Acid	% by weight	TP 47	9.50	9.50	9.50	10.80	10.80	10.80	9.90	9.90	9.90		
Free Fatty Acid	% by weight	TP 46	0.22	0.25	0.24	0.20	0.24	0.22	0.15	0.18	0.17		