Participant Data Summary

2017 Food Chemistry - 1st Event

CEREAL Ash (%)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 923.03	7	1.594	0.02	1.4	0.01
All Participants	10	1.573	0.05	3.4	0.02

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 923.03	7	1.513	0.02	1.0	0.01
All Participants	10	1.498	0.03	2.3	0.01

CEREAL Biotin (mg/kg)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

No participants reported results for CEREAL Biotin; therefore, no statistics are available.

CEREAL Calcium (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	38.44	1.35	3.5	0.75
All Participants	7	36.46	3.90	10.7	1.84

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	35.08	3.09	8.8	1.73
All Participants	7	34.723	3.47	10.0	1.64

CEREAL Copper (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	0.3145	0.02	7.9	0.01

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty

All Participants	6	0.1607	0.01	5.5	0.00

CEREAL Dietary Fiber (g/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	5	11.008	0.75	6.8	0.42

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	5	3.693	0.31	8.4	0.17

CEREAL Fat (total) (g/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	10	1.701	0.68	39.7	0.27

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	10	1.799	0.45	25.0	0.18

CEREAL Folic Acid (mcg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

Fewer than five participants submitted results for CEREAL Folic Acid ; therefore, statistics are not available and performance was not determined.
The nutritional label for the cereal product used in **CER-01** lists Folic Acid as 140 micrograms/100g. The nutritional label for the cereal product used in **CER-02** lists Folic Acid as 332 micrograms/100g.

CEREAL Iron (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	7.55	0.89	11.8	0.50
All Participants	6	7.615	0.83	10.9	0.42

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	13.067	2.76	21.1	1.54
All Participants	6	13.446	2.44	18.1	1.24

CEREAL Magnesium (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	64.47	4.60	7.1	2.57
All Participants	6	64.725	4.24	6.5	2.16

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	41.63	2.26	5.4	1.26
All Participants	6	41.875	2.14	5.1	1.09

CEREAL Moisture (%)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All Air Oven Methods	4	4.233	0.19	4.4	0.12
All Vacuum Oven Methods	6	3.555	0.99	27.9	0.51
All Participants	12	3.979	0.46	11.4	0.16

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All Air Oven Methods	4	4.81	0.26	5.4	0.16
All Vacuum Oven Methods	6	4.093	1.13	27.6	0.58
All Participants	12	4.538	0.56	12.3	0.20

CEREAL Niacin (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

Fewer than five participants submitted results for CEREAL Niacin; therefore, statistics are not available and performance was not determined.
The nutritional label for the cereal product used in **CER-01** lists Niacin as 11 mg/100g. The nutritional label for the cereal product used in **CER-02** lists Niacin as 13 mg/100g.

CEREAL Phosphorus (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	193.5	10.33	5.3	5.27

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	121.42	10.40	8.6	5.31

CEREAL Potassium (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	325.75	24.18	7.4	12.34

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	204	14.57	7.1	7.44

CEREAL Protein (g/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
Kjeldahl Methods	6	9.948	0.33	3.3	0.17
All Participants	11	9.941	0.35	3.5	0.13

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
Kjeldahl Methods	6	7.027	0.24	3.4	0.12
All Participants	11	7.001	0.23	3.3	0.09

CEREAL Riboflavin (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

Fewer than five participants submitted results for CEREAL Riboflavin ; therefore, statistics are not available and performance was not determined. The nutritional label for the cereal product used in **CER-01** lists Riboflavin as 0.84 mg/100g. The nutritional label for the cereal product used in **CER-02** lists Riboflavin as 1.2 mg/100g.

CEREAL Salt (g/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	9	0.766	0.09	11.1	0.04

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	9	0.972	0.06	6.3	0.03

CEREAL Sodium (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	265.5	19.25	7.3	10.76
All Participants	6	264.75	17.65	6.7	9.01

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	345.9	28.08	8.1	15.69
All Participants	6	347.083	25.77	7.4	13.15

CEREAL Sugars (g/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	13.104	2.69	20.6	1.27

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	27.378	2.44	8.9	1.15

CEREAL Thiamin (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

Fewer than five participants submitted results for CEREAL Thiamin ; therefore, statistics are not available and performance was not determined.

Results submitted were as follows:

CER-01: <0.5, 0.22, 0.35
CER-02: 1.24, 1.51, 1.57

CEREAL Vitamin A (mcg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	15	0.00	0.0	0.00

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	15	0.00	0.0	0.00

CEREAL Vitamin B12 (mcg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

Fewer than five participants submitted results for CEREAL Vitamin B12; therefore, statistics are not available and performance was not determined. The nutritional label for the cereal product used in **CER-01** did not list nutritional information for Vitamin B12. The nutritional label for the cereal product used in **CER-02** lists Vitamin B12 as 21 micrograms/100g.

CEREAL Vitamin B6 (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

Fewer than five participants submitted results for CEREAL Vitamin B6; therefore, statistics are not available and performance was not determined. The nutritional label for the cereal product used in **CER-01** lists Vitamin B6 as 0.97mg/100g. The nutritional label for the cereal product used in **CER-02** lists Vitamin B6 as 1.2 mg/100g.

CEREAL Vitamin C (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	1	0.00	0.0	0.00

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	1	0.00	0.0	0.00

CEREAL Vitamin D (IU/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

Fewer than five participants submitted results for CEREAL Vitamin D; therefore, statistics are not available. Results submitted were as follows:

CER-01: <0.1, <6, <68
CER-02: <0.1, 80.4, 396

The nutritional label for the cereal product used in **CER-01** did not list nutritional information for Vitamin D. The nutritional label for the cereal product used in **CER-02** lists Vitamin D as 168 IU/100g. We suspect that the variability in participant results may be due to different reporting units. Please note the reporting units requested when submitted results.
For information on converting to IU for Vitamin D, see https://dietarysupplementdatabase.usda.nih.gov/ingredient_calculator/equation.php

CEREAL Zinc (mg/100g)

Sample CER-01 consisted of ground breakfast cereal.

Sample CER-02 consisted of ground breakfast cereal with 2% additional salt.

SAMPLE CER-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	1.445	0.11	7.8	0.06

SAMPLE CER-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	0.932	0.08	8.0	0.04

DAIRY Ash (%)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

SAMPLE DAI-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	14	5.033	0.20	4.0	0.07

SAMPLE DAI-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	14	6.396	0.12	1.9	0.04

DAIRY Calcium (mg/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

SAMPLE DAI-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	468.1	39.87	8.5	20.34
All Participants	9	477.817	36.97	7.7	15.40

SAMPLE DAI-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	592.183	56.46	9.5	28.81
All Participants	9	596.01	48.43	8.1	20.18

DAIRY Cholesterol (mg/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

Fewer than five laboratories submitted results for DAIRY Cholesterol ; therefore, statistics are not available and performance was not determined.

Submitted results by reported method were as follows:

DAI-01
AOAC 976.26: 175
AOAC 994.10: 198
Gas Chromatography; no method cited: 142.2, 179

DAI-02
AOAC 976.26: 53
AOAC 994.10: 54.4
Gas Chromatography; no method cited: 46.1, 53

DAIRY Dietary Fiber (g/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

Fewer than five laboratories submitted results for DAIRY Dietary Fiber ; therefore, statistics are not available and performance was not determined.

DAIRY Fat (saturated) (g/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

Fewer than five laboratories submitted results for DAIRY Fat (saturated); therefore, statistics are not available and performance was not determined.

Submitted results by reported method were as follows:

DAI-01
AOAC 996.06: 40.9
AOCS Ce 1f-96: 38.59
Gas Chromatography; no method cited: 35.48, 36.89

DAI-02
AOAC 996.06: 9.83
AOCS Ce 1f-96: 8.66
Gas Chromatography; no method cited: 0.02, 9.05

DAIRY Fat (total) (g/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

SAMPLE DAI-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All Ether Extraction Methods	5	58.944	0.31	0.5	0.17
All Participants	19	57.396	2.25	3.9	0.65

SAMPLE DAI-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All Ether Extraction Methods	5	13.322	0.51	3.8	0.28
All Participants	19	13.401	0.98	7.3	0.28

DAIRY Fat (trans fatty acids) (g/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

Fewer than five laboratories submitted results for DAIRY Fat (trans fatty acids); therefore, statistics are not available and performance was not determined.

Submitted results by reported method were as follows:

DAI-01
AOAC 996.06: <0.01
AOCS Ce 1f-96: 1.77
Gas Chromatography; no method cited: 0.45, 2.12

DAI-02
AOAC 996.06: 0.08
AOCS Ce 1f-96: 0.39
Gas Chromatography; no method cited: 0, 0.16

DAIRY Iron (mg/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

SAMPLE DAI-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	0.397	0.33	81.9	0.18
All Participants	6	0.399	0.32	79.7	0.16

SAMPLE DAI-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	0.392	0.37	94.4	0.21
All Participants	6	0.399	0.37	92.2	0.19

DAIRY Magnesium (mg/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

SAMPLE DAI-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	43.275	2.24	5.2	1.15
All Participants	7	43.793	2.43	5.6	1.15

SAMPLE DAI-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	88.48	6.33	7.2	3.23
All Participants	7	88.854	5.93	6.7	2.80

DAIRY Moisture (%)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

SAMPLE DAI-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 927.05	5	2.312	0.18	7.9	0.10

All Vacuum Oven Methods	14	2.181	0.21	9.7	0.07
All Participants	22	2.15	0.27	12.7	0.07

SAMPLE DAI-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 927.05	5	3.654	0.59	16.0	0.33
All Vacuum Oven Methods	14	3.362	0.69	20.5	0.23
All Participants	22	3.065	0.82	26.7	0.22

DAIRY Potassium (mg/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

SAMPLE DAI-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	598.167	77.14	12.9	39.36
All Participants	7	615.429	83.00	13.5	39.21

SAMPLE DAI-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	1715.67	119.77	7.0	61.12
All Participants	7	1754.71	146.44	8.3	69.18

DAIRY Protein (g/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

SAMPLE DAI-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 991.20	7	14.154	0.56	3.9	0.26
Kjeldahl	7	14.201	0.24	1.7	0.11
Kjeldahl Methods	14	14.175	0.42	3.0	0.14
All Participants	19	14.151	0.46	3.2	0.13

SAMPLE DAI-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 991.20	7	17.64	0.41	2.3	0.19
Kjeldahl	7	17.91	0.25	1.4	0.12
Kjeldahl Methods	14	17.785	0.34	1.9	0.11
All Participants	19	17.766	0.35	2.0	0.10

DAIRY Salt (g/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

SAMPLE DAI-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	14	2.646	0.16	6.0	0.05

SAMPLE DAI-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	14	1.959	0.27	14.0	0.09

DAIRY Sodium (mg/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

SAMPLE DAI-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	987.2	41.50	4.2	23.20
All Participants	8	956.596	66.48	6.9	29.38

SAMPLE DAI-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	462.7	39.61	8.6	22.14
All Participants	8	440.456	89.65	20.4	39.62

DAIRY Sugars (g/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

Fewer than five laboratories submitted results for DAIRY Sugars; therefore, statistics are not available and performance was not determined.

Submitted results by reported method were as follows:

DAI-01
AOAC 982.14: 17.5
AOAC 996.04: 17.3
HPLC; no method cited: 18.29, 18.8

DAI-02
AOAC 982.14: 47.7
AOAC 996.04: 52.8
HPLC; no method cited: 55.36, 58.6

DAIRY Vitamin A (mcg/100g)

Sample DAI-01 consisted of sour cream powder with 2% additional salt.

Sample DAI-02 consisted of a mixture of whole milk powder and whey protein.

Fewer than five laboratories submitted results for DAIRY Vitamin A; therefore, statistics are not available and performance was not determined.

Submitted results by reported method were as follows:

DAI-01
AOAC 2001.13: 360, 1020
HPLC; no method cited: 572

DAI-02
AOAC 2001.13: 301, 547
HPLC; no method cited: 332

MEAT Ash (%)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

Performance for Meat Ash for sample MT-01 was determined by comparison to the "All Participants" mean, using a standard deviation of 0.13. This standard deviation was based on historical participant performance for this analyte.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 920.153	11	3.914	0.08	2.1	0.03
AOAC 923.03	9	3.878	0.04	1.0	0.02
All Participants	25	3.902	0.06	1.6	0.02

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 920.153	11	1.42	0.11	7.8	0.04
AOAC 923.03	9	1.357	0.06	4.5	0.03
All Participants	25	1.37	0.08	5.7	0.02

MEAT Calcium (mg/100g)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

Performance for Meat Calcium for sample MT-01 was determined by comparison to the "All Participants" mean, using a standard deviation of 7.5. This standard deviation was based on historical participant performance for this analyte. Performance for Meat Calcium for sample MT-02 was determined by comparison to the "All Participants" mean, using a standard deviation of 5.12. This standard deviation was based on historical participant performance for this analyte.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All Participants (mod)	15	26.597	7.50	28.2	2.42
All ICP Methods	6	17.772	3.29	18.5	1.68

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants (mod)	15	18.155	5.12	28.2	1.65
All ICP Methods	6	16.203	1.33	8.2	0.68

MEAT Cholesterol (mg/100g)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	8	90.16	18.84	20.9	8.33

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	8	88.01	16.06	18.2	7.10

MEAT Fat (saturated) (g/100g)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	9	6.24	0.44	7.0	0.18

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	9	5.26	0.35	6.7	0.15

MEAT Fat (total) (g/100g)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

Performance for Meat Fat (total) for sample MT-02 was determined by comparison to the "All Participants" mean, using a standard deviation of 0.86. This standard deviation was based on historical participant performance for this analyte.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 960.39	8	20.254	1.16	5.7	0.51
AOAC 991.36	9	20.048	0.60	3.0	0.25
CEM SMART Trac NMR	8	22.341	2.24	10.0	0.99
Soxhlet Ether Extraction	7	21.284	1.72	8.1	0.81
All Ether Extraction Methods	14	19.659	1.09	5.5	0.36
All Participants	48	20.398	1.71	8.4	0.31

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 960.39	8	13.489	0.17	1.2	0.07
AOAC 991.36	9	13.416	0.19	1.4	0.08
CEM SMART Trac NMR	8	13.776	0.52	3.7	0.23
Soxhlet Ether Extraction	7	13.583	0.28	2.0	0.13
All Ether Extraction Methods	14	13.487	0.25	1.9	0.08
All Participants	48	13.58	0.40	3.0	0.07

MEAT Fat (trans fatty acids) (g/100g)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	9	0.142	0.08	55.6	0.03

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	9	0.134	0.06	47.0	0.03

MEAT Iron (mg/100g)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All Atomic Absorption Methods	5	0.785	0.13	16.8	0.07
All ICP Methods	5	0.664	0.09	13.7	0.05
All Participants	12	0.797	0.21	26.2	0.08

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All Atomic Absorption Methods	5	1.629	0.30	18.7	0.17
All ICP Methods	5	1.318	0.12	9.0	0.07
All Participants	12	1.439	0.22	15.1	0.08

MEAT Magnesium (mg/100g)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	8	24.904	2.21	8.9	0.98

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	8	26.043	2.38	9.1	1.05

MEAT Moisture (%)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

Performance for Meat Moisture for sample MT-02 was determined by comparison to the "All Participants" mean, using a standard deviation of 1.21. This standard deviation was based on historical participant performance for this analyte.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 950.46A	6	54.32	0.62	1.1	0.31
AOAC 950.46B	21	54.942	0.63	1.2	0.17
CEM SMART Trac NMR	8	53.309	0.96	1.8	0.42
All Air Oven Methods	24	54.888	0.66	1.2	0.17
All Vacuum Oven Methods	6	54.32	0.62	1.1	0.31
All Participants	47	54.534	0.93	1.7	0.17

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 950.46A	6	60.81	0.25	0.4	0.13
AOAC 950.46B	21	60.771	0.35	0.6	0.10
CEM SMART Trac NMR	8	60.291	0.83	1.4	0.37

All Air Oven Methods	24	60.767	0.33	0.5	0.08
All Vacuum Oven Methods	6	60.81	0.25	0.4	0.13
All Participants	47	60.72	0.42	0.7	0.08

MEAT Potassium (mg/100g)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	338.4	28.72	8.5	16.05
All Participants	9	343.741	31.09	9.0	12.95

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	392.8	26.19	6.7	14.64
All Participants	9	400.297	32.31	8.1	13.46

MEAT Protein (g/100g)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

Performance for Meat Protein for sample MT-01 was determined by comparison to the "All Participants" mean, using a standard deviation of 0.87.
This standard deviation was based on historical participant performance for this analyte.
Performance for Meat Protein for sample MT-02 was determined by comparison to the "All Participants" mean, using a standard deviation of 1.01.
This standard deviation was based on historical participant performance for this analyte.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 981.10	7	21.09	0.34	1.6	0.16
AOAC 992.15	7	21.067	0.31	1.5	0.15
Kjeldahl	5	20.712	0.78	3.8	0.44
Combustion Methods	13	21.186	0.42	2.0	0.15
Kjeldahl Methods	11	20.851	0.63	3.0	0.24
All Participants	38	21.111	0.55	2.6	0.11

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 981.10	7	24.353	0.33	1.4	0.16
AOAC 992.15	7	24.947	1.01	4.1	0.48
Kjeldahl	5	24.14	0.45	1.8	0.25
Combustion Methods	13	24.661	0.46	1.9	0.16
Kjeldahl Methods	11	24.274	0.36	1.5	0.14
All Participants	38	24.526	0.60	2.5	0.12

MEAT Salt (g/100g)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

Performance for Meat Salt for sample MT-01 was determined by comparison to the "All Participants" mean, using a standard deviation of 0.21.

This standard deviation was based on historical participant performance for this analyte.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 935.47	14	2.96	0.08	2.5	0.03
Chloride Analyzer	7	3.154	0.58	18.3	0.27
Volhard	6	2.973	0.10	3.3	0.05
All Chloride Analyzer Methods	7	3.154	0.58	18.3	0.27
All Potentionmetric Methods	5	3.09	0.05	1.7	0.03
All Volhard Methods	7	2.977	0.09	3.1	0.04
Titrimetric Methods	15	2.933	0.12	4.0	0.04
All Participants	39	2.978	0.17	5.8	0.03

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 935.47	14	0.196	0.08	39.8	0.03
Chloride Analyzer	7	0.229	0.07	31.4	0.03
Volhard	6	0.198	0.05	23.7	0.02
All Chloride Analyzer Methods	7	0.229	0.07	31.4	0.03
All Potentionmetric Methods	5	0.19	0.00	0.0	0.00
All Volhard Methods	7	0.189	0.05	25.9	0.02
Titrimetric Methods	15	0.193	0.08	39.9	0.02
All Participants	39	0.206	0.07	34.0	0.01

MEAT Sodium (mg/100g)

Sample MT-01 consisted of re-hydrated powdered chicken with 3% additional salt.

Sample MT-02 consisted of re-hydrated powdered pork.

SAMPLE MT-01

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	7	1203.21	91.08	7.6	43.03
All Participants	16	1136.95	153.36	13.5	47.93

SAMPLE MT-02

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	7	106.36	29.33	27.6	13.86
All Participants	16	95.483	22.48	23.5	7.02