



Participant Data Summary

2017 Food Chemistry - 3rd Event

CEREAL Ash (%)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 923.03	7	2.274	0.08	3.4	0.04
All Participants	11	2.245	0.08	3.7	0.03

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 923.03	7	7.16	0.63	8.7	0.30
All Participants	11	7.169	0.68	9.5	0.26

CEREAL Biotin (mg/kg)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

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

CEREAL Calcium (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	34.158	4.16	12.2	2.12

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	1714.37	124.54	7.3	63.55

CEREAL Copper (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	0.4152	0.11	25.7	0.05

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	0.3357	0.03	7.6	0.01

CEREAL Dietary Fiber (g/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	13.827	4.62	33.4	2.36

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	10.278	2.99	29.1	1.53

CEREAL Fat (total) (g/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	13	2.494	1.31	52.5	0.45

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	13	7.232	1.05	14.5	0.36

CEREAL Folic Acid (mcg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal 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-05 lists Folic Acid as 334 micrograms/100g. The nutritional label for the oatmeal product used in CER-06 lists Folic Acid as 170 micrograms/100g.

CEREAL Iron (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	14.514	0.93	6.4	0.47

CEREAL Magnesium (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	118.713	5.48	4.6	2.80

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	91.523	7.21	7.9	3.68

CEREAL Moisture (%)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All Air Oven Methods	7	3.62	0.20	5.4	0.09
All Vacuum Oven Methods	5	2.76	0.98	35.5	0.55
All Participants	16	3.408	0.53	15.7	0.17

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All Air Oven Methods	7	6.917	0.47	6.8	0.22
All Vacuum Oven Methods	5	6.6	1.19	18.0	0.66
All Participants	16	6.891	0.84	12.2	0.26

CEREAL Niacin (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal 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-05 lists Niacin as 13.3 mg/100g. The nutritional label for the oatmeal product used in CER-06 lists Niacin as 14 mg/100g.

CEREAL Phosphorus (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	8	355.54	13.63	3.8	6.02

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	8	329.96	12.76	3.9	5.64

CEREAL Potassium (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	444.582	71.72	16.1	36.60

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	309.659	9.87	3.2	5.04

CEREAL Protein (g/100g)

Sample CER-05 consisted of a ground bran cereal.

Performance for CEREAL Protein for sample CER-05 was determined by comparison to the "All Participants" mean, using a standard deviation of 0.42. This standard deviation was based on historical participant performance for this analyte.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

Performance for CEREAL Protein for sample CER-06 was determined by comparison to the "All Participants" mean, using a standard deviation of 0.43. This standard deviation was based on historical participant performance for this analyte.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
Kjeldahl Methods	6	10.968	0.10	0.9	0.05
All Participants	11	11.018	0.25	2.2	0.09

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
Kjeldahl Methods	6	11.215	0.10	0.9	0.05
All Participants	11	11.305	0.26	2.3	0.10

CEREAL Riboflavin (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal 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-05 lists Riboflavin as 1.2 mg/100g. The nutritional label for the oatmeal product used in CER-06 lists Riboflavin as 1.2 mg/100g.

CEREAL Salt (g/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	12	0.691	0.18	25.3	0.06

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	12	2.093	0.15	7.1	0.05

CEREAL Sodium (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	263.737	10.33	3.9	5.27

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	774.775	56.88	7.3	29.03

CEREAL Sugars (g/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	12.465	2.65	21.2	1.35

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	0.765	0.38	49.7	0.19

CEREAL Thiamin (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

Fewer than five participants submitted results for CEREAL Thiamin; therefore, statistics are not available and performance was not determined. The nutritional label for the cereal product used in CER-05 lists Thiamin as 0.91 mg/100g. The nutritional label for the oatmeal product used in CER-06 lists Thiamin as 0.9 mg/100g.

CEREAL Vitamin A (mcg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	5	15	0.00	0.0	0.00

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	5	15	0.00	0.0	0.00

CEREAL Vitamin B12 (mcg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

No participants reported results for CEREAL Vitamin B12; therefore, no statistics are available.

CEREAL Vitamin B6 (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal 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-05 lists Vitamin B6 as 1.2 mg/100g. The nutritional label for the oatmeal product used in CER-06 lists Vitamin B6 as 1.2 mg/100g.

CEREAL Vitamin C (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

Fewer than five participants submitted results for CEREAL Vitamin C; therefore, statistics are not available and performance was not determined. Results submitted were as follows:

CER-05: <1, <1.3, 0.7, 12.37

CER-06: <0.5, <1, <1.3, 4.82

CEREAL Vitamin D (IU/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

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

CER-05: 25.46, 260, 264, 366.82

CER-06: <9.89, 36, 448, 599.3

CEREAL Zinc (mg/100g)

Sample CER-05 consisted of a ground bran cereal.

Sample CER-06 consisted of ground instant oatmeal with 2% additional salt.

SAMPLE CER-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	2.38	0.38	16.1	0.20

SAMPLE CER-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	1.993	0.18	8.9	0.09

DAIRY Ash (%)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 930.30	5	4.36	0.06	1.5	0.04
All Participants	16	4.375	0.10	2.2	0.03

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 930.30	5	2.4	0.08	3.4	0.05
All Participants	16	2.371	0.07	3.0	0.02

DAIRY Calcium (mg/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	435.833	46.84	10.7	23.90
All Participants	9	440.489	41.42	9.4	17.26

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	382.433	47.68	12.5	24.33
All Participants	9	380.014	41.45	10.9	17.27

DAIRY Cholesterol (mg/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	182.25	20.41	11.2	10.42

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	16.13	2.82	17.5	1.44

DAIRY Dietary Fiber (g/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Sample DAI-06 consisted of a dairy based infant formula.

Fewer than five participants submitted results for DAIRY Dietary Fiber; therefore, statistics are not available and performance was not determined. Results submitted were as follows:

DAI-05:
 AOAC 985.29 / AACC 32-05: 0.27, 2.92
 AOAC 991.43 / AACC 32-07: <1.5

DAI-06:
 AOAC 985.29 / AACC 32-05: 3.78, 4.44
 AOAC 991.43 / AACC 32-07: <1.5

DAIRY Fat (saturated) (g/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	41.447	2.14	5.2	1.01

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	10.564	0.53	5.1	0.25

DAIRY Fat (total) (g/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Performance for DAIRY Fat for sample DAI-05 was determined by comparison to the "All Participants" mean, using a standard deviation of 3.97. This standard deviation was based on historical participant performance for this analyte.

Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All Ether Extraction Methods	11	62.34	0.48	0.8	0.18
All Participants	22	62.055	0.81	1.3	0.22

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All Ether Extraction Methods	11	25.192	0.55	2.2	0.21
All Participants	22	25.127	0.82	3.3	0.22

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

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	1.47	0.75	51.2	0.36

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	0.027	0.04	137.0	0.02

DAIRY Iron (mg/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	0.411	0.31	75.7	0.17
All Participants	7	0.377	0.28	75.1	0.13

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	3.918	0.41	10.4	0.23
All Participants	7	3.88	0.70	17.9	0.33

DAIRY Magnesium (mg/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	33.215	2.52	7.6	1.28
All Participants	8	34.135	2.86	8.4	1.26

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	36.323	5.22	14.4	2.66
All Participants	8	37.394	5.21	13.9	2.30

DAIRY Moisture (%)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 927.05	6	2.811	0.12	4.2	0.06
All Vacuum Oven Methods	14	2.652	0.29	10.8	0.10
All Participants	25	2.727	0.33	12.0	0.08

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 927.05	6	2.392	0.33	13.9	0.17
All Vacuum Oven Methods	14	2.327	0.42	17.9	0.14
All Participants	25	2.348	0.50	21.1	0.12

DAIRY Potassium (mg/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	411.333	51.83	12.6	26.45
All Participants	9	441.778	76.42	17.3	31.84

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	545.7	96.11	17.6	49.05
All Participants	9	554.75	87.61	15.8	36.50

DAIRY Protein (g/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.

Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 991.20	6	16.403	0.11	0.7	0.06
Kjeldahl	6	16.366	0.10	0.6	0.05
Kjeldahl Methods	14	16.428	0.17	1.0	0.06
All Participants	21	16.579	0.34	2.1	0.09

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 991.20	6	9.537	0.11	1.2	0.06
Kjeldahl	6	9.819	0.46	4.7	0.23
Kjeldahl Methods	14	9.659	0.28	2.8	0.09
All Participants	21	9.793	0.37	3.7	0.10

DAIRY Salt (g/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.
Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	15	0.847	0.08	9.2	0.03

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	15	0.555	0.08	13.5	0.02

DAIRY Sodium (mg/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.
Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	912.733	67.74	7.4	34.57
All Participants	11	960.655	108.77	11.3	40.99

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	6	127.917	17.37	13.6	8.87
All Participants	11	159.659	58.98	36.9	22.23

DAIRY Sugars (g/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.
Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	11.214	1.19	10.6	0.56

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	50.35	5.80	11.5	2.74

DAIRY Vitamin A (mcg/100g)

Sample DAI-05 consisted of a cream cheese and sour cream powder mix.
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Sample DAI-06 consisted of a dairy based infant formula.

SAMPLE DAI-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	5	556.243	199.65	35.9	111.60

SAMPLE DAI-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	5	420.658	139.54	33.2	78.00

MEAT Ash (%)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.

Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

Performance for MEAT Ash for sample MT-06 was determined by comparison to the "All Participants" mean, using a standard deviation of 0.15. This standard deviation was based on historical participant performance for this analyte.

SAMPLE MT-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 920.153	5	1.748	0.05	2.8	0.03
AOAC 923.03	7	1.731	0.04	2.3	0.02
All Participants	17	1.753	0.05	2.8	0.01

SAMPLE MT-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 920.153	5	4.276	0.09	2.1	0.05
AOAC 923.03	7	4.249	0.07	1.5	0.03
All Participants	17	4.277	0.08	1.9	0.02

MEAT Calcium (mg/100g)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.

Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

SAMPLE MT-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	9	20.544	7.55	36.8	3.15

SAMPLE MT-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	9	20.951	5.77	27.5	2.40

MEAT Cholesterol (mg/100g)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.

Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

Fewer than five participants submitted results for MEAT Cholesterol; therefore, statistics are not available and performance was not determined. Results submitted were as follows:

MT-05: 88, 92, 108, 121.3

MT-06: 96.7, 104, 109, 134.5

MEAT Fat (saturated) (g/100g)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.

Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

Fewer than five participants submitted results for MEAT Fat (saturated); therefore, statistics are not available and performance was not determined. Results submitted were as follows:

MT-05: 5.78, 6.19, 6.76, 7.12

MT-06: 4.91, 5.35, 5.84, 5.98

MEAT Fat (total) (g/100g)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.

Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

SAMPLE MT-05

Peer Group	# of Labs	Consensus			
		Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 2007.04 / Food Scan	7	16.898	0.68	4.0	0.32
AOAC 991.36	6	15.535	0.79	5.1	0.40
AOCS Am 5-04	5	16.108	0.58	3.6	0.32
CEM SMART Trac NMR	9	15.347	1.45	9.4	0.60
Soxhlet Ether Extraction	6	16.03	1.85	11.5	0.94
All Ether Extraction Methods	13	15.661	1.02	6.5	0.35
All Participants	44	15.887	1.23	7.7	0.23

SAMPLE MT-06

Peer Group	# of Labs	Consensus			
		Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 2007.04 / Food Scan	7	16.579	0.27	1.6	0.13
AOAC 991.36	6	16.883	0.78	4.6	0.40
AOCS Am 5-04	5	16.98	0.16	0.9	0.09
CEM SMART Trac NMR	9	17.086	1.25	7.3	0.52
Soxhlet Ether Extraction	6	16.773	1.25	7.4	0.64
All Ether Extraction Methods	13	16.785	0.78	4.6	0.27
All Participants	44	16.911	0.93	5.5	0.18

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

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.

Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

Fewer than five participants submitted results for MEAT Fat (trans fatty acids); therefore, statistics are not available and performance was not determined. Results submitted were as follows:

MT-05: <0.01, 0.17, 0.19, 0.3

MT-06: <0.01, 0.1, 0.15, 0.2

MEAT Iron (mg/100g)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.

Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

SAMPLE MT-05

Peer Group	# of Labs	Consensus			
		Result	SD	CV%	Uncertainty
All Participants	7	2.688	0.71	26.3	0.33

SAMPLE MT-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	7	1.716	0.32	18.5	0.15

MEAT Magnesium (mg/100g)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.
Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

SAMPLE MT-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	24.298	6.70	27.6	3.42

SAMPLE MT-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	24.385	6.34	26.0	3.23

MEAT Moisture (%)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.
Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

SAMPLE MT-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 2007.04 / Food Scan	6	56.895	0.41	0.7	0.21
AOAC 950.46A	5	55.592	0.45	0.8	0.25
AOAC 950.46B	13	55.547	1.12	2.0	0.39
CEM SMART Trac NMR	8	55.693	0.79	1.4	0.35
All Air Oven Methods	16	55.468	1.06	1.9	0.33
All Vacuum Oven Methods	6	55.608	0.42	0.7	0.21
All Participants	43	55.73	0.96	1.7	0.18

SAMPLE MT-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 2007.04 / Food Scan	6	54.335	0.35	0.6	0.18
AOAC 950.46A	5	53.224	0.43	0.8	0.24
AOAC 950.46B	13	53.87	0.59	1.1	0.20
CEM SMART Trac NMR	8	53.399	0.84	1.6	0.37
All Air Oven Methods	16	53.83	0.54	1.0	0.17
All Vacuum Oven Methods	6	53.25	0.52	1.0	0.26
All Participants	43	53.676	0.68	1.3	0.13

MEAT Potassium (mg/100g)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.
Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

SAMPLE MT-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
All Participants	6	399.283	59.40	14.9	30.31

SAMPLE MT-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
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MEAT Protein (g/100g)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.

Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

SAMPLE MT-05

Peer Group	# of Labs	Consensus			
		Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 2007.04 / Food Scan	6	26.453	0.12	0.4	0.06
Combustion Methods	9	27.092	0.70	2.6	0.29
Kjeldahl Methods	7	26.344	0.41	1.6	0.20
All Participants	34	26.675	0.89	3.3	0.19

SAMPLE MT-06

Peer Group	# of Labs	Consensus			
		Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 2007.04 / Food Scan	6	24.722	0.72	2.9	0.37
Combustion Methods	9	25.171	0.58	2.3	0.24
Kjeldahl Methods	7	24.763	0.34	1.4	0.16
All Participants	34	24.9	0.76	3.1	0.16

MEAT Salt (g/100g)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.

Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

Performance for MEAT Salt for sample MT-06 was determined by comparison to the "All Participants" mean, using a standard deviation of 0.58.

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

SAMPLE MT-05

Peer Group	# of Labs	Consensus			
		Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 935.47	6	0.538	0.06	10.8	0.03
Chloride Analyzer	6	0.545	0.07	13.0	0.04
Volhard	5	0.526	0.03	6.5	0.02
All Chloride Analyzer Methods	6	0.545	0.07	13.0	0.04
All Potentionmetric Methods	5	0.528	0.05	9.1	0.03
All Volhard Methods	5	0.526	0.03	6.5	0.02
Titrimetric Methods	8	0.506	0.08	16.6	0.04
All Participants	29	0.522	0.07	12.8	0.02

SAMPLE MT-06

Peer Group	# of Labs	Consensus			
		Result	SD	CV%	Uncertainty
Individual Methods					
AOAC 935.47	6	3.1	0.15	4.9	0.08
Chloride Analyzer	6	3.013	0.26	8.6	0.13
Volhard	5	3.082	0.05	1.5	0.03
All Chloride Analyzer Methods	6	3.013	0.26	8.6	0.13
All Potentionmetric Methods	5	3.14	0.05	1.6	0.03
All Volhard Methods	5	3.082	0.05	1.5	0.03
Titrimetric Methods	8	3.036	0.18	5.8	0.08
All Participants	29	3.067	0.18	5.7	0.04

MEAT Sodium (mg/100g)

Sample MT-05 consisted of a re-hydrated mix of powdered turkey and beef.

Sample MT-06 consisted of re-hydrated powdered turkey with 3% additional salt.

SAMPLE MT-05

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	248.5	16.53	6.7	9.24
All Participants	11	252.026	49.26	19.5	18.56

SAMPLE MT-06

Peer Group	# of Labs	Consensus Result	SD	CV%	Uncertainty
Method Groups					
All ICP Methods	5	1260	71.48	5.7	39.96
All Participants	11	1268.22	205.98	16.2	77.63