INORGANIC DATA TABLE

National Institute of Standards and Technology

	Lab Code:	E543	1. Your Results			2. Community Results					3. Certified Value	
Cereal	Analyte	Units	Mean	s_{total}	Z	N	Median	MADe	Minimum	Maximum	Value	U_{95}
	Fe	µg/g	785.3	10.1	1.4	54	744	30	375	861	739	87
A	Ca	µg/g	37247.7	335.5	0.1	54	37193	812	32853	41728	36407	1696
	Zn	µg/g	625.7	1.8	2.0	57	608	9	533	677	621.0	22.0
	Fe	µg/g	844.7	21.4	1.8	54	787	31	556	912		
B	Ca	µg/g	34617.0	161.6	0.1	54	34570	507	32010	38718		
	Zn	µg/g	694.4	4.8	1.9	57	675	10	573	793		
	Fe	µg/g	838.5	7.3	0.8	54	818	26	439	938		
C	Ca	µg/g	34501.7	495.7	-0.7	54	35204	1053	30737	39917		
	Zn	µg/g	695.6	6.1	0.4	57	688	19	522	820		
	Fe	µg/g	524.0	15.7	0.9	54	508	18	440	572		
D	Ca	µg/g	282.3	10.5	6.1	54	196	14	145	1248		
	Zn	µg/g	21.1	1.3	1.1	57	20	1	8	38		
	Fe	µg/g	533.7	17.2	1.7	54	500	20	332	577		
E	Ca	µg/g	279.4	4.8	5.0	54	215	13	146	960		
	Zn	µg/g	21.5	0.6	1.7	57	20	1	7	41		
	Fe	µg/g	738.3	10.1	3.8	54	653	23	347	734		
F	Ca	µg/g	21131.0	920.2	2.8	54	17532	1263	13128	25932		
	Zn	µg/g	448.3	18.7	4.9	57	357	19	284	427		

Mean Average of reported values

s_{total} Standard deviation of reported values

Z Z-score: (Mean - Median)/MADe

N Number of quantitative values reported

Median Median of the reported values

MADe robust estimate of the standard deviation derived from the median absolute deviation (MAD)

Min Minimum reported value

Max Maximum reported value

Value NIST-assessed value

U_{95} ±95% confidence interval about the assessed value

ORGANIC DATA TABLE

National Institute of Standards and Technology

Lab Code:	NIST	1. Your Results			2. Community Results					3. Certified Value	
Analyte	Units	Mean	s_{total}	Z	N	Median	MADe	Minimum	Maximum	Value	U_{95}
Niacin	µg/g	845.6	34.7	-0.5	42	851	10	647	962	846	35
Aflatoxin B1	ng/g	7.5	3.3	2.9	14	5.90	0.54	4.02	6.48	7.47	3.28
Aflatoxin B2	ng/g	1.8	0.8	1.9	12	1.47	0.19	1.38	1.75	1.82	0.79
Aflatoxin G1	ng/g	2.6	1.1	3.3	9	1.94	0.19	1.54	2.22	2.57	1.13
Aflatoxin G2	ng/g	1.6	0.7	1.3	9	1.35	0.22	1.34	1.45	1.64	0.72
Total Aflatoxins	ng/g	13.5	5.9	5.3	14	10.2	0.6	8.4	11.6	13.5	5.9
Catechin	mg/g	2.6	0.2	-2.4	39	2.97	0.14	1.90	9.45	2.63	0.18
Epicatechin	mg/g	12.0	2.6	1.2	42	11.5	0.4	9.6	16.8	12.0	2.6
Epicatechin gallate (ECG)	mg/g	17.1	2.6	-3.7	42	18.7	0.4	15.0	27.1	17.1	2.6
Epigallocatechin (EGC)	mg/g	30.7	5.7	3.4	33	28.7	0.6	6.3	37.6	30.7	5.7
Epigallocatechin gallate (EGCG)	mg/g	71.1	6.6	-10.3	42	83.2	1.2	60.0	140.3	71.1	6.6
Gallocatechin (GC)	mg/g	7.6	0.3	-5.3	15	8.00	0.09	2.00	14.30	7.55	0.28
Gallocatechin gallate (GCG)	mg/g	4.6	1.8	-23.5	30	6.69	0.09	2.94	8.67	4.60	1.80
Total Catechins	mg/g	145.7	9.6	-0.9	42	147.65	2.09	103.93	203.53	145.68	9.64
Total β-carotene	µg/g	514.0	87.0	2.3	39	462	23	21	758	514	87
9-cis-β-carotene	µg/g	72.0	7.0	15.4	15	11.7	3.9	1.7	156.3	72.0	7.0
all-trans-β-carotene	µg/g	420.0	100.0	2.1	24	367	26	16	651	420	100

Mean Average of reported values

s_{total} Standard deviation of reported values

Z Z-score: (Mean - Median)/MADe

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MADe robust estimate of the standard deviation derived from the median absolute deviation (MAD)

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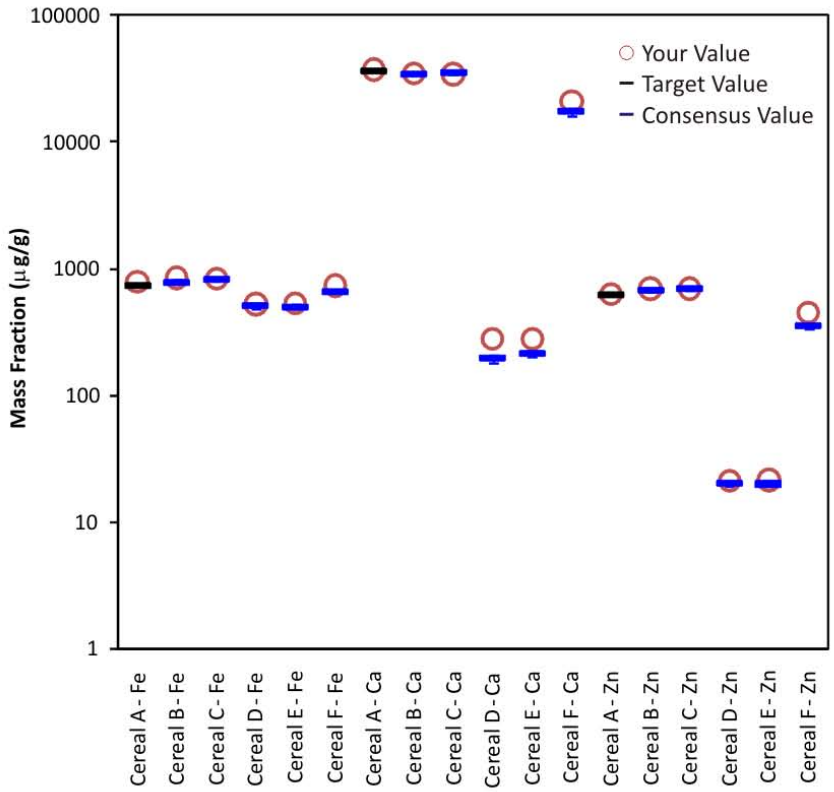
U_{95} ±95% confidence interval about the assessed value

National Institute of Standards and Technology

Dietary Supplements Laboratory Quality Assurance Program

National Institute of Standards and Technology

Results of the April 2010 Interlaboratory Comparability Study



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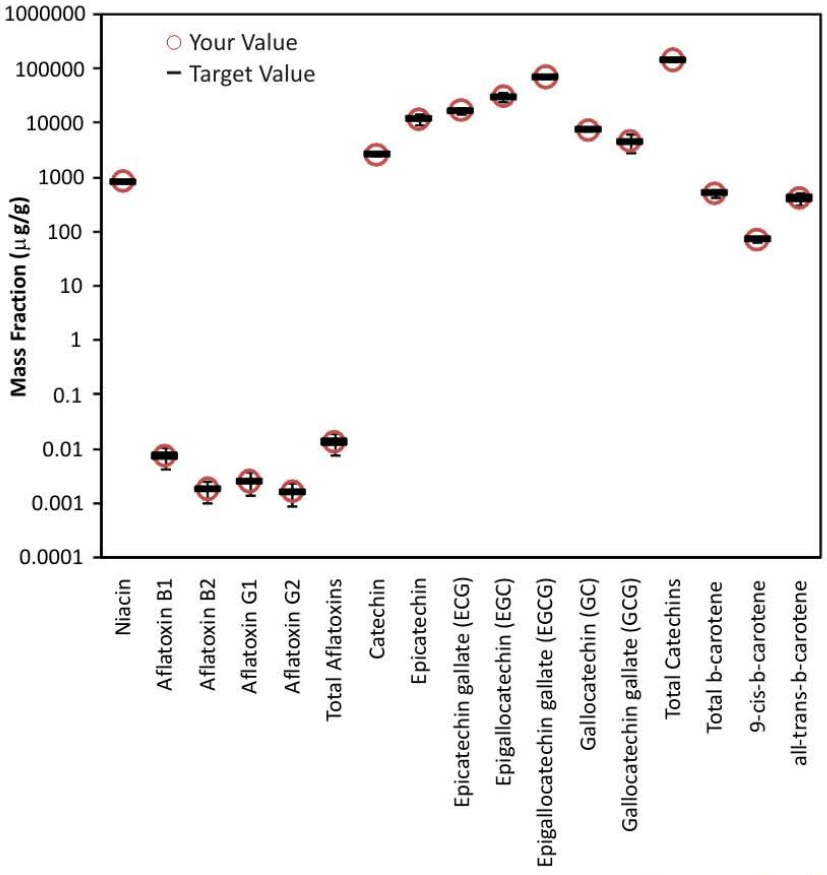

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