

These SRMs are intended for validation of analytical procedures and calibration of apparatus used in the analysis of trace elements and other analytes in foods and related products.

For Related SRMs
see: [Table 110.9](#)

110.1(1) - Macro- and Micronutrients

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Values listed are expressed as mass fractions in percent (%) unless noted with * for mg/g or noted in the row heading. "X" indicates parameter is characterized (see certificate).

SRM	Description	Unit Size	Amino Acids	Ash	Calories (kcal/100g)	Carbohydrates	Cholesterol	Dietary Fiber-Total	DNA Sequence	Elements	Fat	Fat (extracted)	Fatty Acids	Moisture	Nitrate	Protein	Solids	Sum of Fatty Acids (as triglycerides)	Vitamins
1546a	Meat Homogenate	4 cans x 85 g		3.09	242	1.65	0.717*			X			X			15.68	39.73	18.96	X
1548b	Typical Diet	2 x 5 g		3.55	490	48.2	40.4	4.80		X		26.5				14.9	99.55	24.3	
1549a	Whole Milk Powder	5 pouches x 10 g each	X	5.625	502.2	38.43	0.981*			X			X			25.64		26.98	X
1566b	Oyster Tissue	25 g		3.87				6.5		X			4.6			42.6	95.4		
1567b	Wheat Flour	50 g								X									
1568c	Rice Flour	50 g		1.367	407	84.28				X	3.33					8.87	88.82		
1570a	Trace Elements in Spinach Leaves	60 g								X									
1577c	Bovine Liver	20 g								X									X
1845a	Whole Egg Powder	5 pouches x 10 g each	X	5.498	581.2	4.6	17.67*			X			X			43.32	95.87	4.34	X
1849b	Infant/Adult Nutritional Formula I (milk-based)	10 pouches x 10 g each	X	4.695	520.8	51.6	X			X		30.43	X			13.225	98.28	29.10	X
1869	Infant/Adult Nutritional Formula II (milk/whey/soy-based)	10 pouches x 10 g each	X	3.421	461.4	60.3	0.1302*			X		18.97	X			14.498	96.63	17.9	X
1947	Lake Michigan Fish Tissue	5 x 8 grams		1.07	152	(0.9)				X		10.4	X			17.0	27.1	8.50	
2383a	Baby Food Composite	4 x 70 g	X	0.705	89.0	19.41				X			X			1.96	22.45	0.29	
2384	Baking Chocolate	5 x 91 g		2.78	631.0			14.5		X		51.4	X			13.18	98.37		
2385	Slurried Spinach	4 x 70 g		0.97	18.16	2.73		1.55		X				X		1.42	5.28	0.20	X
2386	Avocado Powder	5 x 10 g		7.5	501	48.4		21.9		X			X			9.96		31.0	X
2387	Peanut Butter	3 x 170 g	X	3.10	629	25.0		5.57		X		51.6	X			22.2	99.2	49.8	
2983	Inorganics in Geoduck Clam Tissue (<i>Panopea generosa</i>)	12 g		1.94	82.15	2.92				X	1.45			79.35		14.38			
3035	Arsenic Species in Apple Juice	5 x 1.5 mL								X									
3233	Fortified Breakfast Cereal	60 g each	X	11.87	362.4	77.88		12.24		X						7.25	2.02		X
3234	Soy Flour	50 g	X	6.77	377.7	37.14		18.19		X			X			53.37	1.49		1.50
3235	Soy Milk	10 x 10 mL	X	0.66	39	3.20				X			X			2.57	8.30	1.70	X
3252	Protein Drink Mix	5 pouches x 10 g each	X	10.77	381.2	15.31	0.5077*	6.22		X			X			66.92	5.81		X
3253	Yerba Mate Leaves	2 x 10 g		5.81	402	77.8					5.4								
3254	Green Tea (<i>Camellia sinensis</i>) Leaves	5 x 3 g								X									
3255	Green Tea (<i>Camellia sinensis</i>) Extract	5 x 1 g								X									
3281	Cranberry (Fruit)	5 x 6 g		4.89	376	81.6				X							90.9		
3282	Low-Calorie Cranberry Juice Cocktail	5 x 1.2 mL								X									
3287	Blueberry (Fruit)	5 pouches x 5 g each	X	1.126	392	91.92		18.4			1.40					3.43	98.59		
3290	Dry Cat Food	5 pouches x 10 g each	X	7.343	431.3	46.30		11.99		X		13.95	X			32.77			X
3530	Iodized Table Salt (Iodide)	1 bottle x 200 g								X									
8256	Wild-caught Coho Salmon	2 jars, 6 g to 8 g							X		2.508		X				23.77		
8257	Aquacultured Coho Salmon	2 jars, 6 g to 8 g							X		8.333		X				20.60		
8258	Wild-caught Shrimp	2 jars, 6 g to 8 g							X		0.721		X				21.63		
8259	Aquacultured Shrimp	2 jars, 6 g to 8 g							X		0.515		X				19.30		
8260	Infant Nutritional Formula (hydrolyzed milk-based)	400 g	X							X	(27)		X	(2)		(12)	(98)		X
8261	Adult Nutritional Formula (high-protein)	400 g	X		(400)					X	(16)		X			(15)			X

- Certified values are normal font.
- Non-certified and reference values are italicized.
- Information values and values of potential interest are within parentheses

"X" indicates parameter is characterized. See certificate for values.