

Amount of substance, food, United States, NIST (National Institute of Standards and Technology)

Note: In the case where an uncertainty range is given, the expanded uncertainty range spans from the smallest numerical value of the uncertainty to the largest numerical value of the uncertainty found within the quantity range.

Note: Unless otherwise stated, the expanded uncertainty for certified values in reference materials is given at a 95% level of confidence, but the coverage factor is not explicitly equal to 2.

NMI Service Identifier	Measurement Service Sub-Category	Matrix	Measurand		Dissemination Range of Measurement Capability			Range of Expanded Uncertainties as Disseminated						Range of Certified Values in Reference Materials			Range of Expanded Uncertainties for Certified Value						Mechanism(s) for Measurement Service Delivery
			Analyte or Component	Quantity	From	To	Unit	From	To	Unit	Coverage factor	Level of confidence	Is the expanded uncertainty a relative one?	From	To	Unit	From	To	Unit	Coverage factor	Level of confidence	Is the expanded uncertainty a relative one?	
8392268	Nutritional constituents	food composite	alpha-carotene (total)	Mass fraction	0.7	1	mg/kg	18	20	%	2	95%	Yes	0.836	0.836	mg/kg	19	19	%		95%	Yes	SRM 2383
8392269	Nutritional constituents	food composite	alpha-tocopherol	Mass fraction	22	28	mg/kg	12	14	%	2	95%	Yes	25	25	mg/kg	13	13	%		95%	Yes	SRM 2383
8392270	Nutritional constituents	meat homogenate	arachidic acid	Mass fraction	0.3	0.5	g/kg	19	21	%	2	95%	Yes	0.315	0.315	g/kg	20	20	%		95%	Yes	SRM 1546
8392271	Nutritional constituents	food composite	beta-carotene (total)	Mass fraction	2.5	4	mg/kg	19	21	%	2	95%	Yes	3.12	3.12	mg/kg	20	20	%		95%	Yes	SRM 2383
8392272	Nutritional constituents	food composite	beta-cryptoxanthin	Mass fraction	1	2	mg/kg	20	23	%	2	95%	Yes	1.38	1.38	mg/kg	22	22	%		95%	Yes	SRM 2383
8392273	Nutritional constituents	meat homogenate	capric acid	Mass fraction	0.2	0.3	g/kg	18	20	%	2	95%	Yes	0.171	0.171	g/kg	19	19	%		95%	Yes	SRM 1546
8392274	Nutritional constituents	food composite, meat homogenate, coconut oil, whole egg powder	cholesterol	Mass fraction	0.2	25	g/kg	1	10	%	2	95%	Yes	0.1783	19	g/kg	1.1	9.6	%		95%	Yes	SRM 1544 SRM 1546 SRM 1563-2 SRM 1845
8392275	Nutritional constituents	food composite	delta-tocopherol	Mass fraction	1.2	4	mg/kg	27	29	%	2	95%	Yes	1.51	1.51	mg/kg	28	28	%		95%	Yes	SRM 2383
8392276	Nutritional constituents	coconut oil	dl-alpha-tocopheryl acetate	Mass fraction	140	170	mg/kg	3	5	%	2	95%	Yes	158	158	mg/kg	3.8	3.8	%		95%	Yes	SRM 1563-2
8392277	Nutritional constituents	coconut oil	ergocalciferol	Mass fraction	5	20	mg/kg	7	8	%	2	95%	Yes	10.9	10.9	mg/kg	7.3	7.3	%		95%	Yes	SRM 1563-2
8392278	Nutritional constituents	food composite	gamma-tocopherol	Mass fraction	4	8	mg/kg	16	17	%	2	95%	Yes	5.51	5.51	mg/kg	17	17	%		95%	Yes	SRM 2383
8392279	Nutritional constituents	meat homogenate, food composite	lauric acid	Mass fraction	0.1	4	g/kg	9	22	%	2	95%	Yes	0.133	1.31	g/kg	9.2	21	%		95%	Yes	SRM 1546 SRM 1544
8392280	Nutritional constituents	food composite	linoleic acid	Mass fraction	5	10	g/kg	8	10	%	2	95%	Yes	6.56	6.56	g/kg	9.5	9.5	%		95%	Yes	SRM 1544
8392281	Nutritional constituents	food composite	lutein	Mass fraction	1	4	mg/kg	28	30	%	2	95%	Yes	1.16	1.16	mg/kg	28	28	%		95%	Yes	SRM 2383

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8392282	Nutritional constituents	meat homogenate, food composite	myristic acid	Mass fraction	0.8	5	g/kg	7	10	%	2	95%	Yes	1.01	2.53	g/kg	7.5	9.9	%		95%	Yes	SRM 1544 SRM 1546
8392283	Nutritional constituents	infant formula	niacin	Mass fraction	50	75	mg/kg	11	13	%	2	95%	Yes	63.3	63.3	mg/kg	12	12	%		95%	Yes	SRM 1846
8392284	Nutritional constituents	meat homogenate, food composite	oleic acid	Mass fraction	10	100	g/kg	8	12	%	2	95%	Yes	11.6	82	g/kg	8.1	12	%		95%	Yes	SRM 1544 SRM 1546
8392285	Nutritional constituents	meat homogenate, food composite	palmitic acid	Mass fraction	5	60	g/kg	8	10	%	2	95%	Yes	5.77	45.6	g/kg	8.6	9.0	%		95%	Yes	SRM 1546 SRM 1544
8392286	Nutritional constituents	meat homogenate, food composite	stearic acid	Mass fraction	1.5	25	g/kg	10	14	%	2	95%	Yes	2	21.7	g/kg	11	13	%		95%	Yes	SRM 1544 SRM 1546
8392287	Nutritional constituents	food composite	trans-retinol	Mass fraction	0.6	2	mg/kg	18	20	%	2	95%	Yes	0.8	0.8	mg/kg	19	19	%		95%	Yes	SRM 2383
8392288	Nutritional constituents	infant formula	vitamin A	Mass fraction	5	8	mg/kg	11	13	%	2	95%	Yes	5.84	5.84	mg/kg	12	12	%		95%	Yes	SRM 1846
8392289	Nutritional constituents	infant formula	vitamin B2	Mass fraction	15	25	mg/kg	5	6	%	2	95%	Yes	17.4	17.4	mg/kg	5.8	5.8	%		95%	Yes	SRM 1846
8392290	Nutritional constituents	infant formula	vitamin B6	Mass fraction	5	10	mg/kg	11	13	%	2	95%	Yes	8.4	8.4	mg/kg	12	12	%		95%	Yes	SRM 1846
8392291	Nutritional constituents	infant formula	vitamin C	Mass fraction	1000	1250	mg/kg	5	6	%	2	95%	Yes	1146	1146	mg/kg	5.8	5.8	%		95%	Yes	SRM 1846
8392292	Nutritional constituents	infant formula	vitamin E	Mass fraction	250	300	mg/kg	9	10	%	2	95%	Yes	271	271	mg/kg	9.2	9.2	%		95%	Yes	SRM 1846
8392293	Nutritional constituents	food composite	zeaxanthin	Mass fraction	0.8	1.5	mg/kg	15	18	%	2	95%	Yes	0.86	0.86	mg/kg	16	16	%		95%	Yes	SRM 2383
8395089	Nutritional Constituents	meat homogenate	calcium	Mass fraction	150	2200	mg/kg	6	10	%	2	95%	Yes	323	323	mg/kg	8.7	8.7	%	2	95%	Yes	SRM 1546
8395090	Nutritional Constituents	meat homogenate	iron	Mass fraction	5	80	mg/kg	6	10	%	2	95%	Yes	11.4	11.4	mg/kg	8.8	8.8	%	2	95%	Yes	SRM 1546
8395091	Nutritional Constituents	meat homogenate	sodium	Mass fraction	5000	80000	mg/kg	5	8	%	2	95%	Yes	9990	9990	mg/kg	7.2	7.2	%	2	95%	Yes	SRM 1546
8392294	Contaminants	animal tissues	2,4'-DDD	Mass fraction	3	40	µg/kg	3.5	16	%	2	95%	Yes	3.32	36.3	µg/kg	3.9	15	%		95%	Yes	SRM 2978 SRM 1588a SRM 1945 SRM 2977
8392295	Contaminants	animal tissues	2,4'-DDE	Mass fraction	4.0	30	µg/kg	4	13	%	2	95%	Yes	4.41	22	µg/kg	4.6	13	%		95%	Yes	SRM 1588a SRM 1945 SRM 2978

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8392296	Contaminants	animal tissues	2,4'-DDT	Mass fraction	8	180	µg/kg	2.5	18	%	2	95%	Yes	9.2	156	µg/kg	2.8	17	%		95%	Yes	SRM 1588a SRM 1945 SRM 2978
8392297	Contaminants	animal tissues	4,4'-DDD	Mass fraction	4	280	µg/kg	4	15	%	2	95%	Yes	4.3	254	µg/kg	4.3	15	%		95%	Yes	SRM 1945 SRM 1588a SRM 1974a SRM 2974 SRM 2977 SRM 2978
8392298	Contaminants	animal tissues	4,4'-DDE	Mass fraction	5.0	700	µg/kg	1.5	13	%	2	95%	Yes	5.84	651	µg/kg	1.7	13	%		95%	Yes	SRM 2977 SRM 1588a SRM 1945 SRM 1974a SRM 2974 SRM 2978
8392299	Contaminants	animal tissues	4,4'-DDT	Mass fraction	0.4	600	µg/kg	2	16	%	2	95%	Yes	0.445	524	µg/kg	2.3	15	%		95%	Yes	SRM 1974a SRM 1588a SRM 1945 SRM 2974 SRM 2977 SRM 2978
8392300	Contaminants	animal tissues	alpha-hexachlorocyclohexane	Mass fraction	15	100	µg/kg	4	21	%	2	95%	Yes	16.2	85.3	µg/kg	4.0	21	%		95%	Yes	SRM 1945 SRM 1588a
8392301	Contaminants	animal tissues	cis-chlordane	Mass fraction	1.2	200	µg/kg	2.5	20	%	2	95%	Yes	1.42	167	µg/kg	3.0	17	%		95%	Yes	SRM 2977 SRM 1588a SRM 1945 SRM 1974a SRM 2974 SRM 2978
8392302	Contaminants	animal tissues	cis-nonachlor	Mass fraction	0.7	100	µg/kg	3	16	%	2	95%	Yes	0.78	94.8	µg/kg	3.0	16	%		95%	Yes	SRM 1974a SRM 1588a SRM 1945 SRM 2974 SRM 2978
8392303	Contaminants	animal tissues	dieldrin	Mass fraction	5.0	180	µg/kg	2.8	11	%	2	95%	Yes	6.04	156	µg/kg	2.9	11	%		95%	Yes	SRM 2977 SRM 1588a SRM 2978

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8392304	Contaminants	animal tissues	gamma-hexachlorocyclohexane	Mass fraction	3	30	µg/kg	6.5	25	%	2	95%	Yes	3.3	24.9	µg/kg	6.8	25	%		95%	Yes	SRM 1945 SRM 1588a
8392305	Contaminants	animal tissues	heptachlor epoxide	Mass fraction	10	35	µg/kg	4.5	13	%	2	95%	Yes	10.8	31.6	µg/kg	4.8	12	%		95%	Yes	SRM 1945 SRM 1588a
8392306	Contaminants	animal tissues	hexachlorobenzene	Mass fraction	30	157.8	µg/kg	3.17	5.2	%	2	95%	Yes	32.9	157.8	µg/kg	3.2	5.2	%		95%	Yes	SRM 1945 SRM 1588a
8392307	Contaminants	animal tissues	mirex	Mass fraction	28.9	35	µg/kg	9	10	%	2	95%	Yes	28.9	28.9	µg/kg	9.7	9.7	%		95%	Yes	SRM 1945
8392308	Contaminants	animal tissues	oxychlorodane	Mass fraction	2.0	25	µg/kg	9	13	%	2	95%	Yes	2.13	19.8	µg/kg	9.6	13	%		95%	Yes	SRM 1945 SRM 2978
8392309	Contaminants	animal tissues	trans-chlordane	Mass fraction	1.5	25	µg/kg	4.92	11	%	2	95%	Yes	1.89	16.6	µg/kg	4.9	11	%		95%	Yes	SRM 1974a SRM 2974 SRM 2978
8392310	Contaminants	animal tissues	trans-nonachlor	Mass fraction	1.2	250	µg/kg	3.5	20	%	2	95%	Yes	1.43	231	µg/kg	3.7	20	%		95%	Yes	SRM 2977 SRM 1588a SRM 1945 SRM 1974a SRM 2974 SRM 2978
8392311	Contaminants	animal tissues	methylmercury (as mercury)	Mass fraction	7	85	µg/kg	4	6	%	2	95%	Yes	8.8	77.3	µg/kg	4.0	5.3	%		95%	Yes	SRM 1566b SRM 1974a SRM 2974 SRM 2976 SRM 2977
8392312	Contaminants	animal tissues	anthracene	Mass fraction	0.5	10	µg/kg	27	30	%	2	95%	Yes	0.69	6.1	µg/kg	28	29	%		95%	Yes	SRM 1974a SRM 2974
8392313	Contaminants	animal tissues	benz[a]anthracene	Mass fraction	3.0	40	µg/kg	3.5	15	%	2	95%	Yes	3.71	32.5	µg/kg	3.8	15	%		95%	Yes	SRM 2977 SRM 1974a SRM 2974
8392314	Contaminants	animal tissues	benzo[a]pyrene	Mass fraction	1.5	20	µg/kg	4	9	%	2	95%	Yes	1.78	15.63	µg/kg	4.1	8.6	%		95%	Yes	SRM 1974a SRM 2974 SRM 2977

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8392315	Contaminants	animal tissues	benzo[b]chrysene	Mass fraction	1	2	µg/kg	13	15	%	2	95%	Yes	1.07	1.07	µg/kg	14	14	%		95%	Yes	SRM 2977
8392316	Contaminants	animal tissues	benzo[b]fluoranthene	Mass fraction	5.0	50	µg/kg	2.5	9	%	2	95%	Yes	5.28	46.4	µg/kg	2.5	8.6	%		95%	Yes	SRM 2977 SRM 1974a SRM 2974
8392317	Contaminants	animal tissues	benzo[e]pyrene	Mass fraction	8	100	µg/kg	2	9	%	2	95%	Yes	9.56	89.3	µg/kg	2.2	8.4	%		95%	Yes	SRM 2977 SRM 1974a SRM 2974 SRM 2978
8392318	Contaminants	animal tissues	benzo[ghi]perylene	Mass fraction	2	25	µg/kg	4	23	%	2	95%	Yes	2.5	22	µg/kg	4.5	22	%		95%	Yes	SRM 2978 SRM 1974a SRM 2974 SRM 2977
8392319	Contaminants	animal tissues	benzo[k]fluoranthene	Mass fraction	2	30	µg/kg	4	15	%	2	95%	Yes	2.3	24.1	µg/kg	4.4	14	%		95%	Yes	SRM 1974a SRM 2974 SRM 2978
8392320	Contaminants	animal tissues	chrysene	Mass fraction	4	50	µg/kg	5	7	%	2	95%	Yes	5.04	44.2	µg/kg	5.2	6.1	%		95%	Yes	SRM 2974 SRM 1974a
8392321	Contaminants	animal tissues	dibenz[a,h]anthracene	Mass fraction	1	5	µg/kg	12	14	%	2	95%	Yes	1.41	1.41	µg/kg	13	13	%		95%	Yes	SRM 2977
8392322	Contaminants	animal tissues	fluoranthene	Mass fraction	15	200	µg/kg	2.5	8	%	2	95%	Yes	18.6	166	µg/kg	2.6	7.2	%		95%	Yes	SRM 2974 SRM 1974a SRM 2977 SRM 2978
8392323	Contaminants	animal tissues	fluorene	Mass fraction	8.0	18.0	µg/kg	4	5	%	2	95%	Yes	10.2	10.2	µg/kg	4.2	4.2	%		95%	Yes	SRM 2977
8392324	Contaminants	animal tissues	indeno[1,2,3-cd]pyrene	Mass fraction	1.2	20	µg/kg	16	25	%	2	95%	Yes	1.62	14.2	µg/kg	17	24	%		95%	Yes	SRM 1974a SRM 2974 SRM 2977 SRM 2978
8392325	Contaminants	animal tissues	naphthalene	Mass fraction	2.0	5.0	µg/kg	18	20	%	2	95%	Yes	2.68	2.68	µg/kg	19	19	%		95%	Yes	SRM 1974a
8392326	Contaminants	animal tissues	perylene	Mass fraction	0.7	12.0	µg/kg	3	22	%	2	95%	Yes	0.874	7.68	µg/kg	3.4	22	%		95%	Yes	SRM 1974a SRM 2974 SRM 2977 SRM 2978

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8392327	Contaminants	animal tissues	phenanthrene	Mass fraction	2.0	50.0	µg/kg	10	12	%	2	95%	Yes	2.53	35.1	µg/kg	11	11	%		95%	Yes	SRM 1974a SRM 2974 SRM 2977
8392328	Contaminants	animal tissues	picene	Mass fraction	2.0	8.0	µg/kg	11	13	%	2	95%	Yes	2.29	2.29	µg/kg	12	12	%		95%	Yes	SRM 2977
8392329	Contaminants	animal tissues	pyrene	Mass fraction	15.0	300	µg/kg	4	9	%	2	95%	Yes	17.3	256	µg/kg	4.3	8.2	%		95%	Yes	SRM 2974 SRM 1974a SRM 2977 SRM 2978
8392330	Contaminants	animal tissues	triphenylene	Mass fraction	5.0	75	µg/kg	11	13	%	2	95%	Yes	5.77	50.7	µg/kg	12	12	%		95%	Yes	SRM 1974a SRM 2974
8392331	Contaminants	animal tissues	PCB 101	Mass fraction	12	150	µg/kg	3.2	8	%	2	95%	Yes	14.6	128	µg/kg	3.4	7.8	%		95%	Yes	SRM 2974 SRM 1588a SRM 1974a
8392333	Contaminants	animal tissues	PCB 105	Mass fraction	3.0	75	µg/kg	3.5	13	%	2	95%	Yes	3.76	60.2	µg/kg	3.8	13	%		95%	Yes	SRM 2978 SRM 1588a SRM 1945 SRM 1974a SRM 2974 SRM 2977
8392334	Contaminants	animal tissues	PCB 110	Mass fraction	3	150	µg/kg	2	18	%	2	95%	Yes	4.03	127.3	µg/kg	2.0	17	%		95%	Yes	SRM 2974 SRM 1588a SRM 1945 SRM 1974a SRM 2977 SRM 2978
8392335	Contaminants	animal tissues	PCB 118	Mass fraction	8	200	µg/kg	2	10	%	2	95%	Yes	10.5	176.3	µg/kg	2.2	9.5	%		95%	Yes	SRM 2977 SRM 1588a SRM 1945 SRM 1974a SRM 2974 SRM 2978

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8392336	Contaminants	animal tissues	PCB 128	Mass fraction	2	60	µg/kg	3	16	%	2	95%	Yes	2.49	47	µg/kg	3.2	16	%		95%	Yes	SRM 2977 SRM 1588a SRM 1945 SRM 1974a SRM 2974 SRM 2978
8392338	Contaminants	animal tissues	PCB 149	Mass fraction	8	125	µg/kg	1.3	8	%	2	95%	Yes	9.23	106.6	µg/kg	1.3	7.9	%		95%	Yes	SRM 1945 SRM 1588a SRM 1974a SRM 2974 SRM 2977 SRM 2978
8392339	Contaminants	animal tissues	PCB 151	Mass fraction	2.5	75	µg/kg	2.3	19	%	2	95%	Yes	2.91	54.8	µg/kg	2.3	18	%		95%	Yes	SRM 2978 SRM 1588a SRM 1945 SRM 1974a SRM 2974 SRM 2977
8392340	Contaminants	animal tissues	PCB 153	Mass fraction	12	300	µg/kg	2.8	9	%	2	95%	Yes	14.1	273.8	µg/kg	2.8	8.9	%		95%	Yes	SRM 2977 SRM 1588a SRM 1945 SRM 1974a SRM 2974 SRM 2978
8392341	Contaminants	animal tissues	PCB 156	Mass fraction	0.8	35	µg/kg	5.5	14	%	2	95%	Yes	0.85	27.3	µg/kg	5.6	14	%		95%	Yes	SRM 1974a SRM 1588a SRM 1945 SRM 2974 SRM 2977 SRM 2978
8392342	Contaminants	animal tissues	PCB 170	Mass fraction	0.4	60	µg/kg	2.4	21	%	2	95%	Yes	0.63	46.5	µg/kg	2.4	20	%		95%	Yes	SRM 2977 SRM 1588a SRM 2974 SRM 1974a
8392344	Contaminants	animal tissues	PCB 18	Mass fraction	2.5	8.0	µg/kg	11	20	%	2	95%	Yes	2.65	4.48	µg/kg	11	20	%		95%	Yes	SRM 2977 SRM 1945

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8392345	Contaminants	animal tissues	PCB 180	Mass fraction	1.8	125	µg/kg	5	22	%	2	95%	Yes	1.95	106.7	µg/kg	5.0	22	%		95%	Yes	SRM 1974a SRM 1588a SRM 1945 SRM 2974 SRM 2977 SRM 2978
8392346	Contaminants	animal tissues	PCB 183	Mass fraction	1.2	50	µg/kg	2	15	%	2	95%	Yes	1.33	36.6	µg/kg	2.0	15	%		95%	Yes	SRM 2977 SRM 1588a SRM 1945 SRM 1974a SRM 2974 SRM 2978
8392348	Contaminants	animal tissues	PCB 194	Mass fraction	0.8	50	µg/kg	4	7	%	2	95%	Yes	0.897	39.6	µg/kg	4.0	6.3	%		95%	Yes	SRM 2977 SRM 1588a SRM 1945
8392349	Contaminants	animal tissues	PCB 195	Mass fraction	15	30	µg/kg	23	25	%	2	95%	Yes	17.7	17.7	µg/kg	24	24	%		95%	Yes	SRM 1945
8392350	Contaminants	animal tissues	PCB 201	Mass fraction	10.0	30.0	µg/kg	3.5	6	%	2	95%	Yes	12.18	16.96	µg/kg	3.8	5.3	%		95%	Yes	SRM 1945 SRM 1588a
8392351	Contaminants	animal tissues	PCB 206	Mass fraction	25	50	µg/kg	7	9	%	2	95%	Yes	31.1	31.1	µg/kg	8.7	8.7	%		95%	Yes	SRM 1945
8392352	Contaminants	animal tissues	PCB 209	Mass fraction	8	18	µg/kg	9	11	%	2	95%	Yes	10.6	10.6	µg/kg	10	10	%		95%	Yes	SRM 1945
8392353	Contaminants	animal tissues	PCB 28	Mass fraction	5.0	35.0	µg/kg	1.9	12	%	2	95%	Yes	5.37	28.32	µg/kg	1.9	11	%		95%	Yes	SRM 2977 SRM 1588a SRM 2978
8392354	Contaminants	animal tissues	PCB 31	Mass fraction	3.0	30	µg/kg	2	7	%	2	95%	Yes	3.92	21.4	µg/kg	2.0	6.1	%		95%	Yes	SRM 2978 SRM 1588a SRM 2977
8392355	Contaminants	animal tissues	PCB 44	Mass fraction	3.0	90	µg/kg	4	20	%	2	95%	Yes	3.25	72.7	µg/kg	4.0	19	%		95%	Yes	SRM 2978 SRM 1588a SRM 1945 SRM 1974a SRM 2974 SRM 2977

Calibration and Measurement Capabilities

NMI Service Identifier	Measurement Service Sub-Category	Matrix	Measurand		Dissemination Range of Measurement Capability			Range of Expanded Uncertainties as Disseminated						Range of Certified Values in Reference Materials			Range of Expanded Uncertainties for Certified Value						Mechanism(s) for Measurement Service Delivery
			Analyte or Component	Quantity	From	To	Unit	From	To	Unit	Coverage factor	Level of confidence	Is the expanded uncertainty a relative one?	From	To	Unit	From	To	Unit	Coverage factor	Level of confidence	Is the expanded uncertainty a relative one?	
8392356	Contaminants	animal tissues	PCB 49	Mass fraction	8.0	100	µg/kg	2.8	14	%	2	95%	Yes	10.12	88.8	µg/kg	2.8	13	%		95%	Yes	SRM 1974a SRM 1588a SRM 1945 SRM 2974 SRM 2978
8392357	Contaminants	animal tissues	PCB 52	Mass fraction	6.0	130	µg/kg	2.8	16	%	2	95%	Yes	8.37	115	µg/kg	2.8	16	%		95%	Yes	SRM 2974 SRM 1588a SRM 1945 SRM 1974a SRM 2977 SRM 2978
8392358	Contaminants	animal tissues	PCB 66	Mass fraction	3.5	110	µg/kg	2.7	9	%	2	95%	Yes	3.64	101.4	µg/kg	2.7	8.8	%		95%	Yes	SRM 2974 SRM 1588a SRM 1945 SRM 1974a SRM 2977 SRM 2978
8392359	Contaminants	animal tissues	PCB 8	Mass fraction	2	5	µg/kg	7	8	%	2	95%	Yes	2.1	2.1	µg/kg	7.1	7.1	%		95%	Yes	SRM 2977
8392360	Contaminants	animal tissues	PCB 87	Mass fraction	2.0	70	µg/kg	2	9	%	2	95%	Yes	2.15	56.3	µg/kg	2.0	8.4	%		95%	Yes	SRM 2978 SRM 1588a SRM 1945 SRM 2977
8392361	Contaminants	animal tissues	PCB 95	Mass fraction	5	100	µg/kg	3	21	%	2	95%	Yes	5.39	83	µg/kg	3.0	20	%		95%	Yes	SRM 2978 SRM 1588a SRM 1945 SRM 1974a SRM 2974 SRM 2977
8392362	Contaminants	animal tissues	PCB 99	Mass fraction	1.5	80	µg/kg	2.3	13	%	2	95%	Yes	1.59	70.9	µg/kg	2.3	13	%		95%	Yes	SRM 2977 SRM 1945 SRM 1974a SRM 2974 SRM 2978

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			Analyte or Component	Quantity	From	To	Unit	From	To	Unit	Coverage factor	Level of confidence	Is the expanded uncertainty a relative one?	From	To	Unit	From	To	Unit	Coverage factor	Level of confidence	Is the expanded uncertainty a relative one?	
8395092	Contaminants	mixed diet, flour	aluminum	Mass fraction	2	500	mg/kg	2	25	%	2	95%	Yes	4.4	72.4	mg/kg	2.1	23	%	2	95%	Yes	SRM 1548a SRM 1567a SRM 1568a
8395093	Contaminants	mixed diet, flour	arsenic	Mass fraction	0.1	2	mg/kg	4	10	%	2	95%	Yes	0.2	0.29	mg/kg	5.0	10	%	2	95%	Yes	SRM 1548a SRM 1568a
8395094	Nutritional constituents	mixed diet, powdered milk, flour	calcium	Mass fraction	50	90000	mg/kg	1.5	6	%	2	95%	Yes	118	13000	mg/kg	2.1	5.7	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a
8395095	Contaminants	mixed diet, powdered milk, flour	cadmium	Mass fraction	0.0003	0.2	mg/kg	3.5	40	%	2	95%	Yes	0.0005	0.035	mg/kg	4.3	40	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a
8395096	Nutritional constituents	mixed diet, powdered milk	chlorine	Mass fraction	5000	80000	mg/kg	1.5	3	%	2	95%	Yes	10900	12078	mg/kg	1.8	2.9	%	2	95%	Yes	SRM 1548a SRM 1549
8395097	Nutritional constituents	powdered milk	chromium	Mass fraction	0.0015	0.02	mg/kg	15	30	%	2	95%	Yes	0.0026	0.0026	mg/kg	27	27	%	2	95%	Yes	SRM 1549
8395098	Contaminants	mixed diet	cesium	Mass fraction	0.005	0.08	mg/kg	2	4	%	2	95%	Yes	0.0098	0.0098	mg/kg	3.1	3.1	%	2	95%	Yes	SRM 1548a
8395099	Nutritional constituents	mixed diet, powdered milk, flour	copper	Mass fraction	0.3	25	mg/kg	4	15	%	2	95%	Yes	0.7	2.4	mg/kg	6.9	14	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a
8395100	Nutritional constituents	mixed diet, powdered milk, flour	iron	Mass fraction	0.4	400	mg/kg	2	13	%	2	95%	Yes	1.78	35.3	mg/kg	3.5	12	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a
8395101	Contaminants	powdered milk, flour	mercury	Mass fraction	0.0002	0.007	mg/kg	8	67	%	2	95%	Yes	0.0003	0.0058	mg/kg	8.6	67	%	2	95%	Yes	SRM 1549 SRM 1568a
8395102	Nutritional constituents	powdered milk, flour	iodine	Mass fraction	0.3	25	mg/kg	0.5	14	%	2	95%	Yes	0.759	3.38	mg/kg	0.6	14	%	2	95%	Yes	SRM 1548a SRM 1549

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			Analyte or Component	Quantity	From	To	Unit	From	To	Unit	Coverage factor	Level of confidence	Is the expanded uncertainty a relative one?	From	To	Unit	From	To	Unit	Coverage factor	Level of confidence	Is the expanded uncertainty a relative one?	
8395103	Nutritional constituents	mixed diet, powdered milk, flour	potassium	Mass fraction	600	1E+05	mg/kg	0.5	3	%	2	95%	Yes	1280	16900	mg/kg	0.6	2.3	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a
8395104	Nutritional constituents	mixed diet, powdered milk, flour	magnesium	Mass fraction	200	8000	mg/kg	1.5	5	%	2	95%	Yes	400	1200	mg/kg	2.5	5.0	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a
8395105	Nutritional constituents	mixed diet, powdered milk, flour	manganese	Mass fraction	0.15	150	mg/kg	1.5	25	%	2	95%	Yes	0.26	20	mg/kg	3.0	23	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a
8395106	Nutritional constituents	flour	molybdenum	Mass fraction	0.25	10	mg/kg	4.5	7	%	2	95%	Yes	0.48	1.46	mg/kg	5.5	6.3	%	2	95%	Yes	SRM 1567a SRM 1568a
8395107	Nutritional constituents	mixed diet, powdered milk, flour	sodium	Mass fraction	3	60000	mg/kg	1.5	15	%	2	95%	Yes	6.1	8132	mg/kg	2.0	13	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a
8395108	Contaminants	mixed diet	nickel	Mass fraction	0.2	3	mg/kg	4.5	7	%	2	95%	Yes	0.369	0.369	mg/kg	6.2	6.2	%	2	95%	Yes	SRM 1548a
8395109	Nutritional constituents	mixed diet, powdered milk, flour	phosphorus	Mass fraction	600	70000	mg/kg	1.5	7	%	2	95%	Yes	1340	10600	mg/kg	1.9	7.0	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a
8395110	Contaminants	mixed diet, powdered milk	lead	Mass fraction	0.01	0.3	mg/kg	13	22	%	2	95%	Yes	0.019	0.044	mg/kg	16	20	%	2	95%	Yes	SRM 1548a SRM 1549
8395111	Contaminants	flour	rubidium	Mass fraction	0.3	50	mg/kg	1.3	5	%	2	95%	Yes	0.68	6.14	mg/kg	1.5	4.4	%	2	95%	Yes	SRM 1567a SRM 1568a
8395112	Contaminants	mixed diet, powdered milk, flour	sulfur	Mass fraction	600	30000	mg/kg	1	8	%	2	95%	Yes	1200	3510	mg/kg	1.2	7.8	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a

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			Analyte or Component	Quantity	From	To	Unit	From	To	Unit	Coverage factor	Level of confidence	Is the expanded uncertainty a relative one?	From	To	Unit	From	To	Unit	Coverage factor	Level of confidence	Is the expanded uncertainty a relative one?	
8395113	Nutritional constituents	mixed diet, powdered milk, flour	selenium	Mass fraction	0.05	8	mg/kg	7	20	%	2	95%	Yes	0.11	1.1	mg/kg	9.1	18	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a
8395114	Contaminants	mixed diet	tin	Mass fraction	8	150	mg/kg	12	15	%	2	95%	Yes	17.2	17.2	mg/kg	15	15	%	2	95%	Yes	SRM 1548a
8395115	Nutritional constituents	mixed diet, powdered milk, flour	zinc	Mass fraction	6	350	mg/kg	2	8	%	2	95%	Yes	11.6	46.1	mg/kg	2.6	7.3	%	2	95%	Yes	SRM 1548a SRM 1549 SRM 1567a SRM 1568a