

Consensus statistics

Analyte solution

	Target value pg/µl	Consensus median, pg/µl	Median all values pg/µl	Consensus mean, pg/µl	Standard deviation, pg/µl	Relative standard deviation, %	No. of values reported	No. of values removed
2,3,7,8-TCDD	2,0	2,0	2,0	2,0	0,21	11	31	1
1,2,3,7,8-PeCDD	5,0	5,0	5,0	5,1	0,27	5,4	31	1
1,2,3,4,7,8-HxCDD	5,0	5,0	5,0	5,0	0,40	7,9	31	1
1,2,3,6,7,8-HxCDD	5,0	4,8	4,8	4,8	0,35	7,4	31	1
1,2,3,7,8,9-HxCDD	5,0	4,9	5,0	4,9	0,38	7,6	31	1
1,2,3,4,6,7,8-HpCDD	5,0	5,0	5,0	5,0	0,33	6,7	31	1
1,2,3,4,6,7,8,9-OCDD	10	9,7	9,7	9,6	0,61	6,3	31	1
2,3,7,8-TCDF	2,0	2,0	2,0	2,0	0,16	8,3	31	1
1,2,3,7,8-PeCDF	5,0	5,0	5,0	5,0	0,31	6,3	31	1
2,3,4,7,8-PeCDF	5,0	5,0	5,0	4,9	0,29	5,9	31	1
1,2,3,4,7,8-HxCDF	5,0	5,0	5,0	4,9	0,31	6,3	31	1
1,2,3,6,7,8-HxCDF	5,0	5,0	5,0	5,0	0,29	5,8	31	1
2,3,4,6,7,8-HxCDF	5,0	4,9	4,9	4,9	0,25	5,0	31	1
1,2,3,7,8,9-HxCDF	5,0	5,0	5,0	5,0	0,27	5,4	31	1
1,2,3,4,6,7,8-HpCDF	5,0	5,0	5,0	5,0	0,37	7,4	31	1
1,2,3,4,7,8,9-HpCDF	5,0	4,9	4,9	4,9	0,39	7,9	31	1
1,2,3,4,6,7,8,9-OCDF	10	10	10	9,9	0,68	6,9	31	1
PCB 77	10	10	10	10	0,50	5,0	31	1
PCB 126	10	10	10	10	0,70	7,0	31	1
PCB 169	10	10	10	10	0,58	6,0	31	1
PCB 81	10	10	10	10	0,56	5,6	31	1
PCB 105	100	99	99	99	4,5	4,6	30	0
PCB 114	100	100	100	100	4,7	4,7	30	0
PCB 118	100	101	101	100	5,4	5,3	30	0
PCB 123	100	101	101	101	3,6	3,5	30	0
PCB 156	100	99	99	99	4,1	4,1	30	0
PCB 157	100	98	98	98	5,1	5,1	30	0
PCB 167	100	98	98	99	6,6	6,7	30	0
PCB 189	100	99	99	98	6,7	6,8	30	0

Consensus statistics

2025

Analyte solution

	Target value pg/μl	Median, pg/μl all values	Median, pg/μl outliers removed	Mean, pg/μl all values	Mean, pg/μl outliers removed
PCB-28	100	101	101	102	102
PCB-52	100	100	100	100	100
PCB-101	100	101	101	100	100
PCB-138	100	102	102	102	102
PCB-153	100	101	101	101	101
PCB-180	100	101	101	101	101
PBDE-28	25	25	25	25	25
PBDE-47	25	24	24	25	25
PBDE-99	25	25	25	25	25
PBDE-100	25	25	25	25	25
PBDE-153	25	25	25	25	25
PBDE-154	25	24	24	25	25
PBDE-183	25	24	24	24	24
PBDE-209	100	96	96	96	96
α-HBCD *	500	499	499	504	504

	Relative standard deviation, % all values	Relative standard deviation, % outliers removed	No. of values reported values	No. of reported outliers
PCB-28	7,5	7,5	28	0
PCB-52	7,8	7,8	28	0
PCB-101	7,9	7,9	28	0
PCB-138	8,4	8,4	28	0
PCB-153	7,2	7,2	28	0
PCB-180	6,8	6,8	28	0
PBDE-28	6,0	6,0	17	0
PBDE-47	5,4	5,4	17	0
PBDE-99	8,3	8,3	17	0
PBDE-100	8,7	8,7	17	0
PBDE-153	8,1	8,1	17	0
PBDE-154	9,5	9,5	17	0
PBDE-183	13	13	17	0
PBDE-209	8,8	8,8	16	0
α-HBCD*	3,8	3,8	3	0

*: Indicative value due to few reported values

2025

Consensus statistics

Fish oil, fresh weight

	Consensus median, pg/g	Median all values pg/g	Consensus mean, pg/g	Standard deviation, pg/g	Relative standard deviation, %	No. of values reported	No. of values removed	No. of reported non-detects
2,3,7,8-TCDD	0,12	0,12	0,12	0,030	24	35	1	3
1,2,3,7,8-PeCDD	0,46	0,46	0,47	0,073	16	35	0	1
1,2,3,4,7,8-HxCDD	0,084	0,090	0,088	0,039	44	35	4	10
1,2,3,6,7,8-HxCDD	0,32	0,32	0,32	0,052	16	35	0	1
1,2,3,7,8,9-HxCDD	0,079	0,080	0,084	0,032	37	35	2	10
1,2,3,4,6,7,8-HpCDD	0,16	0,16	0,16	0,054	33	35	1	7
1,2,3,4,6,7,8,9-OCDD	0,20	0,26	0,24	0,14	59	35	6	12
2,3,7,8-TCDF	6,1	6,1	6,0	0,71	12	35	0	1
1,2,3,7,8-PeCDF	0,74	0,74	0,75	0,10	13	35	0	1
2,3,4,7,8-PeCDF	2,7	2,7	2,7	0,53	19	35	2	1
1,2,3,4,7,8-HxCDF	0,17	0,17	0,18	0,040	22	35	0	1
1,2,3,6,7,8-HxCDF	0,25	0,26	0,25	0,043	17	35	1	1
2,3,4,6,7,8-HxCDF	0,29	0,29	0,30	0,060	20	35	0	2
1,2,3,7,8,9-HxCDF	0,027	0,036	0,030	0,018	60	35	10	22
1,2,3,4,6,7,8-HpCDF	0,10	0,10	0,11	0,041	36	35	3	7
1,2,3,4,7,8,9-HpCDF	0,027	0,041	0,029	0,019	64	35	9	26
1,2,3,4,6,7,8,9-OCDF	0,097	0,15	0,11	0,085	77	35	8	22
PCB-77	53	53	54	6,9	13	35	0	0
PCB-126	23	23	24	7,2	30	35	0	0
PCB-169	11	11	11	1,1	10	35	0	0
PCB-81	1,6	1,7	1,6	0,44	27	35	4	2
PCB-105	1700	1700	1661	181	11	35	0	0
PCB-114	104	104	107	23	21	35	0	1
PCB-118	5070	5070	5125	822	16	35	0	0
PCB-123	53	56	56	19	35	35	3	2
PCB-156	381	381	381	42	11	35	0	0
PCB-157	120	120	121	14	12	35	0	0
PCB-167	221	221	227	32	14	35	0	0
PCB-189	31	31	32	5,3	16	35	0	1

Consensus statistics

2025

Fish oil, fresh weight

	Median, pg/g all values	Median, pg/g outliers removed	Median, pg/g outliers and NDs removed	Mean, pg/g all values	Mean, pg/g outliers removed	Mean, pg/g outliers and NDs removed
PCB-28	1574	1560	1574	1703	1641	1662
PCB-52	4495	4495	4495	4420	4420	4420
PCB-101	6530	6530	6530	6505	6505	6505
PCB-138	6782	6782	6782	6693	6693	6693
PCB-153	9719	9719	9719	9469	9469	9469
PCB-180	2047	2047	2047	1979	1979	1979
PBDE-28	111	110	110	113	104	104
PBDE-47	1595	1594	1594	1711	1590	1590
PBDE-99	111	111	111	116	116	116
PBDE-100	344	344	344	353	353	353
PBDE-153	29	28	28	32	30	30
PBDE-154	296	295	295	323	298	298
PBDE-183	4,5	4,3	3,7	8,3	4,6	4,5
PBDE-209	30	26	26	198	23	23
α -HBCD *	1346	1346	1405	953	953	1405
β -HBCD *	4,1	2,6	**	18	2,6	**
γ -HBCD *	5,3	3,2	5,3	19	3,2	5,3
Total HBCD *	757	757	1464	757	757	1464

	Relative standard deviation, % all values	Relative standard deviation, % outliers removed	Relative standard deviation, % outliers and NDs removed	No. of values reported	No. of reported outliers	No. of reported NDs
PCB-28	37	33	32	32	1	1
PCB-52	22	22	22	32	0	0
PCB-101	23	23	23	32	0	0
PCB-138	24	24	24	32	0	0
PCB-153	22	22	22	32	0	0
PCB-180	25	25	25	32	0	0
PBDE-28	40	27	27	16	1	0
PBDE-47	29	8,2	8,2	16	1	0
PBDE-99	26	26	26	16	0	0
PBDE-100	24	24	24	16	0	0
PBDE-153	26	15	15	16	1	0
PBDE-154	40	27	27	16	1	0
PBDE-183	180	36	40	16	1	4
PBDE-209	215	57	57	15	6	3
α -HBCD*	82	82	5,9	3	0	1
β -HBCD*	149	86	**	3	1	3
γ -HBCD*	144	97	**	3	1	2
Total HBCD*	132	132	**	2	0	1

NDs: Non-detects

*: Indicative value due to few reported values

** : Not possible to calculate results due to few reported results

2025

Consensus statistics

Salmon, fresh weight

	Consensus median, pg/g	Median all values pg/g	Consensus mean, pg/g	Standard deviation, pg/g	Relative standard deviation, %	No. of values reported	No. of values removed	No. of reported non-detects
2,3,7,8-TCDD	0,0060	0,0080	0,0069	0,0033	48	37	13	15
1,2,3,7,8-PeCDD	0,0096	0,013	0,011	0,0045	40	37	11	15
1,2,3,4,7,8-HxCDD	0,0050	0,0079	0,0055	0,0032	58	37	13	22
1,2,3,6,7,8-HxCDD	0,0080	0,011	0,0092	0,0043	47	37	12	17
1,2,3,7,8,9-HxCDD	0,0038	0,0064	0,0045	0,0024	54	37	14	26
1,2,3,4,6,7,8-HpCDD	0,023	0,029	0,027	0,012	45	37	10	13
1,2,3,4,6,7,8,9-OCDD	0,042	0,057	0,049	0,025	51	37	12	13
2,3,7,8-TCDF	0,17	0,17	0,18	0,050	28	37	2	2
1,2,3,7,8-PeCDF	0,019	0,024	0,022	0,0077	35	37	8	7
2,3,4,7,8-PeCDF	0,037	0,040	0,040	0,013	32	37	6	6
1,2,3,4,7,8-HxCDF	0,0060	0,0080	0,0067	0,0021	31	37	14	17
1,2,3,6,7,8-HxCDF	0,0060	0,0080	0,0068	0,0028	41	37	12	16
2,3,4,6,7,8-HxCDF	0,0077	0,0091	0,0078	0,0036	46	37	13	16
1,2,3,7,8,9-HxCDF	0,0031	0,0045	0,0034	0,0018	54	37	15	27
1,2,3,4,6,7,8-HpCDF	0,010	0,016	0,013	0,0069	55	37	10	14
1,2,3,4,7,8,9-HpCDF	0,0050	0,0070	0,0052	0,0033	63	37	12	27
1,2,3,4,6,7,8,9-OCDF	0,012	0,023	0,017	0,011	67	37	12	22
PCB-77	5,4	5,4	5,6	1,5	27	37	0	0
PCB-126	1,2	1,2	1,3	0,38	31	37	0	2
PCB-169	0,28	0,28	0,28	0,095	34	37	2	7
PCB-81	0,18	0,20	0,19	0,067	35	37	6	5
PCB-105	61	61	60	11	18	37	0	0
PCB-114	3,6	3,6	3,7	1,2	31	37	2	3
PCB-118	195	195	198	38	19	37	0	0
PCB-123	2,6	2,8	2,8	1,1	41	37	6	5
PCB-156	16	16	16	3,4	21	37	0	1
PCB-157	5,2	5,2	5,2	1,3	24	37	0	2
PCB-167	12	12	12	2,8	23	37	0	1
PCB-189	1,6	1,6	1,6	0,37	23	37	3	5

Consensus statistics

2025

Salmon, fresh weight

	Median, pg/g all values	Median, pg/g outliers removed	Median, pg/g outliers and NDs removed	Mean, pg/g all values	Mean, pg/g outliers removed	Mean, pg/g outliers and NDs removed
PCB-28	71	71	71	85	76	74
PCB-52	183	183	183	175	175	175
PCB-101	289	289	289	288	288	288
PCB-138	304	304	304	311	311	311
PCB-153	461	461	461	461	461	461
PCB-180	99	99	98	101	101	101
PBDE-28	3,7	3,6	3,6	5,7	3,9	3,9
PBDE-47	63	63	63	71	63	63
PBDE-99	11	11	11	16	11	11
PBDE-100	16	16	16	18	18	18
PBDE-153	3,5	3,4	3,4	3,5	3,3	3,3
PBDE-154	17	16	16	18	17	17
PBDE-183	0,89	0,86	0,77	1,0	0,80	0,76
PBDE-209	31	18	22	63	25	27
α -HBCD *	39	31	31	359	32	32
β -HBCD *	13	1,0	**	56	8,5	**
γ -HBCD *	10	3,0	3,0	55	7,2	3,0
Total HBCD *	47	41	41	474	41	41

	Relative standard deviation, % all values	Relative standard deviation, % outliers removed	Relative standard deviation, % outliers and NDs removed	No. of values reported	No. of reported outliers	No. of reported NDs
PCB-28	67	31	31	33	1	2
PCB-52	24	24	24	33	0	0
PCB-101	22	22	22	33	0	0
PCB-138	28	28	28	33	0	0
PCB-153	24	24	24	33	0	0
PCB-180	27	27	27	33	0	2
PBDE-28	130	27	27	18	1	0
PBDE-47	40	28	28	18	2	0
PBDE-99	77	22	22	18	3	0
PBDE-100	31	31	31	18	0	0
PBDE-153	39	27	27	18	1	0
PBDE-154	32	24	24	18	1	0
PBDE-183	63	37	34	18	2	4
PBDE-209	160	69	64	16	3	1
α -HBCD*	182	44	44	4	1	0
β -HBCD*	171	159	**	4	1	4
γ -HBCD*	175	132	**	4	1	3
Total HBCD*	158	22	22	3	1	0

NDs: Non-detects

*: Indicative value due to few reported values

**: Not possible to calculate results due to few reported results

Consensus statistics

2025

Lamb, fresh weight

	Consensus median, pg/g	Median all values pg/g	Consensus mean, pg/g	Standard deviation, pg/g	Relative standard deviation, %	No. of values reported	No. of values removed	No. of reported non-detects
2,3,7,8-TCDD	0,0030	0,0034	0,0034	0,0013	37	27	7	15
1,2,3,7,8-PeCDD	0,0066	0,0070	0,0065	0,0022	34	27	8	11
1,2,3,4,7,8-HxCDD	0,0060	0,0070	0,0068	0,0023	33	27	6	10
1,2,3,6,7,8-HxCDD	0,0080	0,0083	0,0083	0,0031	38	27	6	8
1,2,3,7,8,9-HxCDD	0,0037	0,0049	0,0039	0,0019	49	27	7	15
1,2,3,4,6,7,8-HpCDD	0,021	0,023	0,022	0,0074	33	27	6	5
1,2,3,4,6,7,8,9-OCDD	0,044	0,063	0,050	0,022	45	27	5	8
2,3,7,8-TCDF	0,0050	0,0079	0,0061	0,0034	55	27	8	11
1,2,3,7,8-PeCDF	0,0035	0,0049	0,0039	0,0020	53	27	7	14
2,3,4,7,8-PeCDF	0,016	0,016	0,015	0,0048	32	27	4	6
1,2,3,4,7,8-HxCDF	0,012	0,013	0,012	0,0024	20	27	6	6
1,2,3,6,7,8-HxCDF	0,0070	0,0074	0,0075	0,0024	32	27	6	6
2,3,4,6,7,8-HxCDF	0,0061	0,0066	0,0068	0,0026	38	27	5	7
1,2,3,7,8,9-HxCDF	0,0028	0,0040	0,0029	0,0017	61	27	9	17
1,2,3,4,6,7,8-HpCDF	0,013	0,016	0,014	0,0063	46	27	5	6
1,2,3,4,7,8,9-HpCDF	0,0041	0,0050	0,0043	0,0029	68	27	7	19
1,2,3,4,6,7,8,9-OCDF	0,014	0,020	0,017	0,010	58	27	6	16
PCB-77	0,76	0,77	0,76	0,14	18	27	4	2
PCB-126	0,15	0,16	0,15	0,033	22	27	5	4
PCB-169	0,080	0,085	0,081	0,019	24	27	6	6
PCB-81	0,030	0,034	0,030	0,0079	26	27	8	8
PCB-105	16	16	16	3,7	23	27	1	0
PCB-114	1,2	1,3	1,3	0,34	27	27	4	4
PCB-118	41	41	41	6,2	15	27	1	0
PCB-123	0,38	0,40	0,40	0,14	36	27	5	6
PCB-156	12	12	12	1,5	13	27	2	0
PCB-157	1,9	1,9	2,0	0,42	21	27	2	2
PCB-167	2,6	2,8	2,9	0,83	29	27	2	1
PCB-189	1,2	1,2	1,3	0,25	19	27	3	4

Consensus statistics

2025

Lamb, fresh weight

	Median, pg/g all values	Median, pg/g outliers removed	Median, pg/g outliers and NDs removed	Mean, pg/g all values	Mean, pg/g outliers removed	Mean, pg/g outliers and NDs removed
PCB-28	19	19	19	27	19	19
PCB-52	34	34	34	39	34	34
PCB-101	45	44	44	49	44	44
PCB-138	65	65	65	67	67	64
PCB-153	148	148	148	144	144	144
PCB-180	61	61	61	63	63	60
PBDE-28	0,22	0,13	0,13	0,87	0,16	0,15
PBDE-47	2,8	2,5	2,2	4,9	2,5	2,3
PBDE-99	2,7	2,7	2,7	4,3	3,0	3,0
PBDE-100	1,3	1,1	1,0	1,7	1,2	1,1
PBDE-153	2,0	1,9	1,9	2,5	2,2	2,2
PBDE-154	0,84	0,82	0,82	1,1	0,83	0,88
PBDE-183	1,2	1,0	1,0	1,7	1,1	1,1
PBDE-209	25	14	14	55	11	11
α -HBCD *	19	19	19	19	19	19
β -HBCD *	10	10	**	10	10	**
γ -HBCD *	9,0	9,0	**	9,0	9,0	**
Total HBCD *	19	19	19	19	19	19

	Relative standard deviation, % all values	Relative standard deviation, % outliers removed	Relative standard deviation, % outliers and NDs removed	No. of values reported	No. of reported outliers	No. of reported NDs
PCB-28	89	37	38	24	3	3
PCB-52	53	27	27	24	2	2
PCB-101	41	30	30	24	2	2
PCB-138	31	31	30	24	0	2
PCB-153	26	26	26	24	0	0
PCB-180	32	32	29	24	0	2
PBDE-28	234	64	53	14	4	3
PBDE-47	169	52	54	14	2	1
PBDE-99	110	40	40	14	1	0
PBDE-100	93	37	34	14	2	1
PBDE-153	55	31	31	14	1	0
PBDE-154	94	41	33	14	1	2
PBDE-183	70	37	37	14	3	0
PBDE-209	141	72	72	13	6	1
α -HBCD*	125	125	125	2	0	0
β -HBCD*	127	127	**	2	0	2
γ -HBCD*	126	126	**	2	0	2
Total HBCD*	125	125	125	2	0	0

NDs: Non-detects

*: Indicative value due to few reported values

** : Not possible to calculate results due to few reported results

Consensus statistics

Halibut PFAS, fresh weight

	Median, pg/g all values	Median, pg/g outliers removed	Median, pg/g outliers and NDs removed	Mean, pg/g all values	Mean, pg/g outliers removed	Mean, pg/g outliers and NDs removed
PFOS - All reported	248	241	241	307	254	254
PFOS - Sum	250	234	234	330	250	250
PFOS - Linear*	241	241	241	261	261	261
PFHxS*	18	7	6	127	12	7
PFOA *	20	12	12	91	16	17
PFNA	31	28	28	111	31	31
PFDA	53	52	52	115	56	53
PFUnDA	206	203	203	266	198	198

	Relative standard deviation, % all values	Relative standard deviation, % outliers removed	Relative standard deviation, % outliers and NDs removed	No. of reported values	No. of outliers	No. of reported NDs
PFOS - All reported	57	37	37	15	2	2
PFOS - Sum	62	41	41	10	2	2
PFOS - Linear*	36	36	36	5	0	0
PFHxS*	188	64	42	14	5	7
PFOA *	224	71	82	15	5	9
PFNA	186	32	24	15	4	4
PFDA	168	29	20	15	2	4
PFUnDA	71	26	26	15	2	1

NDs: Non-detects

*: Indicative value due to few reported values