

Chemical	Proxy for media	Type/ characteristics	Concentration	Units	Location	Reference
PCB126	Fish	Corvina (fish)	0.9-4.95; Lowest: Muscle; Highest: Liver	ng/g ww	USA	(1)
PCB126	Fish	Tilapia (fish)	<0.18-0.82; Lowest: Muscle; Highest: Liver	ng/g ww	USA	(1)
PCB126	Fish	<i>Micropterus</i> sp. (fish)	0.35	ng/g	USA	(2)
PCB126	Mollusc	<i>S. subcrenata</i>	<7.9	pg/g lipid	China	(3)
PCB126	Mollusc	<i>Amusium</i> spp.	61	pg/g lipid	China	(3)
PCB126	Mollusc	<i>C. ferreri</i>	55	pg/g lipid	China	(3)
PCB126	Mollusc	<i>S. grandis</i>	18	pg/g lipid	China	(3)
PCB126	Mollusc	<i>M. meretrix</i>	<8.4	pg/g lipid	China	(3)
PCB126	Mollusc	<i>Amusium</i> spp.	36	pg/g lipid	China	(3)
PCB126	Mollusc	<i>C. californiense</i>	8	pg/g lipid	China	(3)
PCB126	Mollusc	<i>S. culacons tricta</i>	52	pg/g lipid	China	(3)
BaP	Fish	Bolti	0.22	ng/g ww	Egypt	(4)
BaP	Fish	Mullet	0.34	ng/g ww	Egypt	(4)
BaP	Crustacean	Crab	0.05	ng/g ww	Egypt	(4)
BaP	Mollusc	Bivalves	0.6	ng/g ww	Egypt	(4)
PCB126	Fish	Fish and shellfish	7.32	ng/kg ww	Spain	(5)
PCB118	Packaged food	PE packaging	ND-12.3408	µg/kg	China	(6)
PCB138 (close to PCB126)	Packaged food	PE packaging	ND-7.8927	µg/kg	China	(6)
PCB 138	Air	Urban	0.39-6.79	pg/m ³	Greece	(7)
PCB138	Air	Semirural	0.36-2.6	pg/m ³	Greece	(7)
PCB126	Air	Semirural	0.051 Max: 0.108	pg/m ³	South Africa	(8)
PCB126	Air	Urban	62.5	fg/m ³	Hong Kong	(9)
PCB126	Air	Urban	99	fg/m ³	Hong Kong	(9)
PCB126	Air	Urban	66	fg/m ³	Hong Kong	(9)
PCB126	Fish	Rural	2300	pg/g lipid	India	(10)
PCB126	Fish	Rural	310	pg/g lipid	India	(10)
PCB126	Fish	Rural	150	pg/g lipid	India	(10)
PCB126	Fish	Semirural	0.03	ng/g ww	Malaysia	(11)
PCB126	Fish	<i>Rita rita</i>	0.47	ng/g ww	Pakistan	(12)
PCB126	Fish	<i>Mastacembelus armatus</i>	0.47	ng/g ww	Pakistan	(12)
PCB126	Fish	<i>Securila gora</i>	0.57	ng/g ww	Pakistan	(12)
PCB126	Fish	<i>Gudusia chapra</i>	0.24	ng/g ww	Pakistan	(12)

PCB126	Fish	<i>Clupisoma naziri</i>	0.22	ng/g ww	Pakistan	(12)
PCB126	Fish	<i>Clupisoma garua</i>	0.37	ng/g ww	Pakistan	(12)
PCB126	Fish	<i>Cyprinus carpio</i>	0.22	ng/g ww	Pakistan	(12)
PCB126	Fish	<i>Cirrhinus reba</i>	0.21	ng/g ww	Pakistan	(12)
PCB126	Fish	<i>Cirrhinus mrigala</i>	0.46	ng/g ww	Pakistan	(12)
PCB126	Fish	<i>Catla catla</i>	0.27	ng/g ww	Pakistan	(12)
PCB126	Fish	<i>Labeo calbasu</i>	0.18	ng/g ww	Pakistan	(12)
PCB126	Fish	Silver salmon	7.2	pg/g ww	Japan	(13)
PCB126	Fish	Silver salmon	0.21	pg/g ww	Japan	(13)
PCB126	Fish	King salmon	1.5	pg/g ww	Japan	(13)
PCB126	Fish	Atlantic salmon	48	pg/g ww	Japan	(13)
PCB126	Fish	Flatfish	0	pg/g ww	Japan	(13)
PCB126	Fish	Flatfish	3.3	pg/g ww	Japan	(13)
PCB126	Fish	Flatfish	0.0045	pg/g ww	Japan	(13)
PCB126	Fish	Mackerel	1.7	pg/g ww	Japan	(13)
PCB126	Fish	Mackerel	30	pg/g ww	Japan	(13)
PCB126	Fish	Mackerel	37	pg/g ww	Japan	(13)
PCB126	Fish	Mackerel	5.7	pg/g ww	Japan	(13)
PCB126	Fish	Sardine	4.9	pg/g ww	Japan	(13)
PCB126	Fish	Young yellow-tail	9.5	pg/g ww	Japan	(13)
PCB126	Fish	Young yellow-tail	10	pg/g ww	Japan	(13)
PCB126	Fish	Seabass	12	pg/g ww	Japan	(13)
PCB126	Fish	Japanese Spanish mackerel	52	pg/g ww	Japan	(13)
PCB126	Fish	European sea bass	0.26	ng/g lipid	Italy	(14)
PCB126	Fish	European sea bass	0.08	ng/g lipid	Italy	(14)
PCB126	Fish	European sea bass	0.11	ng/g lipid	Italy	(14)
Lead	Fish	European sea bass	0.065	mg/kg fw	Italy	(14)
Lead	Fish	European sea bass	0.11	mg/kw fw	Italy	(14)
Lead	Fish	European sea bass	0.022	mg/kg fw	Italy	(14)
Lead	Fish	Common trout	0.0273	µg/g	Spain	(15)
Lead	Fish	European eel	0.1018	µg/g	Spain	(15)
Lead	Fish	Barbel	0.0620	µg/g	Spain	(15)
PCB126	Fish	Common trout	0	ng/g ww	Spain	(15)
PCB126	Fish	European eel	0.004	ng/g ww	Spain	(15)
PCB126	Fish	Tuna	9.56	pg/g ww	Italy	(16)
PCB126	Fish	Swordfish	17.55	pg/g ww	Italy	(16)
PCB126	Fish	Toothfish	0	pg/g ww	Italy	(16)
Lead	Fish	Albacore	1.18	µg/g	Italy	(17)
Lead	Fish	Horse mackerel	0.03	µg/g	Italy	(17)

Lead	Fish	Mediterranean horse mackerel	0.04	µg/g	Italy	(17)
Lead	Fish	Pilchard	0.06	µg/g	Italy	(17)
Lead	Fish	European anchovy	0.1	µg/g	Italy	(17)
Lead	Fish	Frostfish	0.03	µg/g	Italy	(17)
Lead	Fish	Hake	0.04	µg/g	Italy	(17)
Lead	Fish	Greater forkbeard	0.04	µg/g	Italy	(17)
Lead	Fish	Sea bream	0.06	µg/g	Italy	(17)
Lead	Fish	Four spotted megrim	0.02	µg/g	Italy	(17)
Lead	Fish	Megrim	0.01	µg/g	Italy	(17)
Lead	Fish	Rosefish	0.13	µg/g	Italy	(17)
Lead	Fish	Striped mullet	0.06	µg/g	Italy	(17)
Lead	Fish	Conger	0.07	µg/g	Italy	(17)
Lead	Fish	Yellow gurnard	0.02	µg/g	Italy	(17)
Lead	Fish	Brown ray	0.03	µg/g	Italy	(17)
Lead	Fish	Starry ray	0.02	µg/g	Italy	(17)
Lead	Fish	Thornback ray	0.03	µg/g	Italy	(17)
Lead	Crustaceans	Red shrimp	0.01	µg/g	Italy	(17)
Lead	Crustaceans	Pink shrimp	0.03	µg/g	Italy	(17)
Lead	Crustaceans	Shrimp	0.02	µg/g	Italy	(17)
PCB126	Mollusc	Mollusc	10.22	pg/g ww	Spain	(18)
PCB126	Mollusc	Mollusc	0.16	pg/g ww	Spain	(18)
PCB126	Mollusc	Mollusc	3.874	pg/g ww	Spain	(18)
PCB126	Mollusc	Mollusc	7.542	pg/g ww	Spain	(18)
PCB126	Mollusc	Mollusc	6.336	pg/g ww	Spain	(18)
PCB126	Mollusc	Mollusc	8.12	pg/g ww	Spain	(18)
PCB126	Air	Particulate matter	7.5516	pg/m ³	India	(19)
PCB126	Air	Particulate matter	0.633	pg/m ³	India	(19)
PCB126	Air	Particulate matter	0.1787	pg/m ³	India	(19)
BaP	Air	Particulate matter (TSP)	90	pg/m ³	UK	(20)
BaP	Air	PM2.5	980	pg/m ³	Italy	(21)
BaP	Air	PM2.5	124	pg/m ³	Italy	(21)
BaP	Air	PM2.5	64	pg/m ³	Italy	(21)
BaP	Air	PM2.5	52	pg/m ³	US	(22)
BaP	Air	PM2.5	100	pg/m ³	Hong Kong	(23)
BaP	Air	PM2.5	600	pg/m ³	China	(23)
BaP	Air	PM2.5	970	pg/m ³	China	(23)
BaP	Air	PM10	65	pg/m ³	France	(24)

BaP	Air	PM10	138	pg/m ³	France	(25)
DEHP	Air	PM10	46200	pg/m ³	France	(25)
DEHP	Air	PM10	41500	pg/m ³	France	(24)
DEHP	Air	PM10	13500	pg/m ³	Norway	(26)
DEHP	Air	TSP	22900	pg/m ³	US	(27)
DEHP	Air	TSP	560000	pg/m ³	China	(28)
DEHP	Air	PM10	70000	pg/m ³	China	(29)
BaP	Fish	Freshwater fish	0	ng/g	Hong Kong	(30)
BaP	Fish	Marine fish	0	ng/g	Hong Kong	(30)
BaP	Fish	Sea perch	117.48	ng/g lipid	Malaysia	(31)
Lead	Fish	<i>Cynoglossus senegalensis</i>	0.7	µg/g dw	Ghana	(32)
Lead	Fish	<i>Pomadasys perotetti</i>	0	µg/g dw	Ghana	(32)
Lead	Fish	<i>Drapane africana</i>	0.28	µg/g dw	Ghana	(32)
Lead	Fish	<i>Cynoglossus senegalensis</i>	0	µg/g dw	Ghana	(32)
Lead	Fish	<i>Pomadasys peroteti</i>	0	µg/g dw	Ghana	(32)
Lead	Fish	<i>Drapane africana</i>	0	µg/g dw	Ghana	(32)
Lead	Fish	<i>Pomadasys peroteti</i>	0.2	µg/g dw	Ghana	(32)
Lead	Fish	<i>Drapane africana</i>	0	µg/g dw	Ghana	(32)
BaP	Fish	<i>Euthynnus alletteratus</i>	5693.380	ng/g	Egypt	(33)
BaP	Fish	<i>Scomberomorus commerson</i>	2511.813	ng/g	Egypt	(33)
BaP	Fish	<i>Sphyraena sphyraena</i>	1902.720	ng/g	Egypt	(33)
BaP	Fish	<i>Diplodus vulgaris</i>	4309.320	ng/g	Egypt	(33)
BaP	Fish	<i>Alepes djedaba</i>	32905.485	ng/g	Egypt	(33)
BaP	Fish	<i>Clupea sirem</i>	0	ng/g	Egypt	(34)
BaP	Fish	<i>Mugil sehli</i>	29.3	ng/g	Egypt	(34)
BaP	Fish	<i>Mugil capito</i>	17.6	ng/g	Egypt	(34)
BaP	Fish	<i>Sciasna sp.</i>	38	ng/g	Egypt	(34)
BaP	Fish	<i>Morone labrax</i>	37.9	ng/g	Egypt	(34)
BaP	Fish	<i>Paranchanna obscura</i>	0	µg/kg	Nigeria	(35)
BaP	Fish	<i>Oreochromis niloticus</i>	13.4	µg/kg	Nigeria	(35)
BaP	Fish	<i>Gymnarchus niloticus</i>	0	µg/kg	Nigeria	(35)

BaP	Fish	<i>Sebastes fasciatus</i>	1.5	µg/kg	Nigeria	(35)
BaP	Fish	<i>Gadus morhua</i>	0.9	µg/kg	Nigeria	(35)
BaP	Fish	<i>Chrysichthys nigrodigitatus</i>	3.9	µg/kg	Nigeria	(35)
BaP	Fish	<i>Sardinella aurita</i>	14.1	µg/kg	Nigeria	(35)
BaP	Fish	<i>Trachurus trachurus</i>	0	µg/kg	Nigeria	(35)
BaP	Fish	<i>Scomber scombrus</i>	2.5	µg/kg	Nigeria	(35)
BaP	Fish	<i>Pseudotolithus senegalensis</i>	0.2	µg/kg	Nigeria	(35)
BaP	Fish	Doma	0	ng/g ww	India	(36)
BaP	Fish	Mandeli	0	ng/g ww	India	(36)
BaP	Fish	Mathi	0	ng/g ww	India	(36)
BaP	Fish	Ravas	1.25	ng/g ww	India	(36)
BaP	Fish	Singala	0	ng/g ww	India	(36)
BaP	Mollusc	Mussels	0	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0.7	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0.45	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0.08	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0.21	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0.14	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0.07	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0	µg/kg ww	Spain	(37)
BaP	Mollusc	Mussels	0.27	µg/kg ww	Spain	(37)
BaP	Mollusc	Clam	0.045	µg/kg ww	Spain	(37)
BaP	Mollusc	Clam	0.633	µg/kg ww	Spain	(37)
BaP	Mollusc	Clam	0.8	µg/kg ww	Spain	(37)
BaP	Mollusc	Clam	0.055	µg/kg ww	Spain	(37)
BaP	Mollusc	Clam	0.077	µg/kg ww	Spain	(37)
BaP	Mollusc	Clam	0.118	µg/kg ww	Spain	(37)
BaP	Mollusc	Clam	0.045	µg/kg ww	Spain	(37)
BaP	Mollusc	Clam	0	µg/kg ww	Spain	(37)
BaP	Mollusc	Clam	0.201	µg/kg ww	Spain	(37)
BaP	Mollusc	Clam	0.126	µg/kg ww	Spain	(37)
BaP	Mollusc	Cockle	79	ng/kg	Nigeria	(38)
Lead	Oyster	Oyster	0.75	µg/g dw	US	(39)
Lead	Oyster	Oyster	0.75	µg/g dw	US	(39)
Lead	Oyster	Oyster	4	µg/g dw	US	(39)
Lead	Oyster	Oyster	1.6	µg/g dw	US	(39)
Lead	Oyster	Oyster	2.4	µg/g dw	US	(39)
Lead	Oyster	Oyster	0.75	µg/g dw	US	(39)
Lead	Oyster	Oyster	0.75	µg/g dw	US	(39)
Lead	Oyster	Oyster	0.75	µg/g dw	US	(39)

Lead	Oyster	Oyster	0.75	µg/g dw	US	(39)
BaP	Oyster	Oyster	40	ng/g dw	US	(39)
BaP	Oyster	Oyster	7.2	ng/g dw	US	(39)
BaP	Oyster	Oyster	0.05	ng/g dw	US	(39)
BaP	Oyster	Oyster	0.05	ng/g dw	US	(39)
BaP	Oyster	Oyster	48	ng/g dw	US	(39)
BaP	Oyster	Oyster	0.05	ng/g dw	US	(39)
BaP	Oyster	Oyster	0.05	ng/g dw	US	(39)
BaP	Oyster	Oyster	0.05	ng/g dw	US	(39)
BaP	Oyster	Oyster	0.05	ng/g dw	US	(39)
BaP	PS pellet	Raw material	0	ng/g	US	(40)
DEHP	Packaging	PP	1.1	µg/g	US	(41)
DEHP	Packaging	PET	1610	µg/g	China	(42)
DEHP	Fish	Bluefish	1.60	µg/g	US	(43)
DEHP	Fish	Trout	1.36	µg/g	US	(43)
DEHP	Fish	Rock fish	0.81	µg/g	US	(43)
DEHP	Fish	Flounder	0.28	µg/g	US	(43)
DEHP	Fish	Croaker	0.62	µg/g	US	(43)
DEHP	Fish	Perch	1	µg/g	US	(43)
DEHP	Fish	Tilapia	1.23	µg/g	US	(43)
DEHP	Fish	Atlantic mackerel	0	µg/g	US	(43)
DEHP	Mollusc	Oyster	0.21	µg/g	US	(43)
DEHP	Mollusc	Clam	0	µg/g	US	(43)
DEHP	Mollusc	Crab	0	µg/g	US	(43)
DEHP	Mollusc	White shrimp	0	µg/g	US	(43)
DEHP	Fish	Fish	176.9	µg/kg	China	(44)
DEHP	Fish	Tuna	9.14	ng/g	Italy	(45)
DEHP	Fish	Fish	136.8	ng/g	China	(46)
DEHP	Crustacean	Prawn	59.9	ng/g	China	(46)
DEHP	Mollusc	Mollusc	264.2	ng/g	China	(46)
DEHP	Fish	Freshwater	0.63	µg/g	Hong Kong	(47)
DEHP	Fish	Marine	1.04	µg/g	Hong Kong	(47)
Lead	Fish	Catfish	0	µg/g	Nigeria	(48)
Lead	Fish	Mullet	0	µg/g	Nigeria	(48)
DEHP	Air	Particulate	7.69	ng/m ³	Korea	(49)
DEHP	Fish	Fish	83.3	µg/kg dw	Korea	(49)
DEHP	Packaging	Plastic (printed)	0.1	mg/kg	Czech Republic	(50)
DEHP	Packaging	Plastic (non-printed)	4259	mg/kg	Czech Republic	(50)
DEHP	Packaging	Dairy	1188.8	µg/g	Australia	(51)
DEHP	Packaging	Baked goods	48	µg/g	Australia	(51)
DEHP	Packaging	Bread	52.4	µg/g	Australia	(51)
DEHP	Packaging	Beverage	20.3	µg/g	Australia	(51)
DEHP	Packaging	Cereal	19.5	µg/g	Australia	(51)

DEHP	Packaging	Confectionary	75.8	µg/g	Australia	(51)
DEHP	Packaging	Pasta	197.5	µg/g	Australia	(51)
DEHP	Packaging	Miscellaneous	1361.3	µg/g	Australia	(51)
Lead	Air	PM2.5	0.306	µg/m ³	China	(52)
Lead	Air	PM2.5 (steel)	134	ng/m ³	China	(53)
Lead	Air	PM2.5 (steel)	176	ng/m ³	China	(53)
Lead	Air	PM2.5 (Traffic)	30	ng/m ³	China	(53)
Lead	Air	PM2.5 (residential)	41	ng/m ³	China	(53)
Lead	Air	PM2.5 (rural)	158	ng/m ³	China	(53)
Lead	Air	PM2.5	23.9	ng/m ³	Austria	(54)
Lead	Air	PM10	27.6	ng/m ³	Austria	(54)
Lead	Air	PM2.5	200	ng/m ³	Egypt	(55)
Lead	Air	PM2.5	77.1	ng/m ³	South Africa	(56)
Lead	Air	PM10	96.1	ng/m ³	South Africa	(56)
Lead	Air	Fine	107.3	ng/m ³	China	(57)
Lead	Air	Coarse	34.3	ng/m ³	China	(57)
Lead	Air	Fine	14	ng/m ³	Brazil	(58)
Lead	Air	Coarse	11	ng/m ³	Brazil	(58)
Lead	Air	PM22 (main street)	32.6	ng/m ³	Germany	(59)
Lead	Air	PM22 (side street)	12.6	ng/m ³	Germany	(59)
Lead	Air	PM22 (rural)	11.6	ng/m ³	Germany	(59)
Lead	Air	PM1 (summer)	0.3957	ng/m ³	Canada	(60)
Lead	Air	PM1 (winter)	0.3959	ng/m ³	Canada	(60)
Lead	Air	PM10 (residential)	0.35	µg/m ³	Pakistan	(61)
Lead	Air	PM10 (industrial)	1.07	µg/m ³	Pakistan	(61)
Lead	Air	PM10 (traffic)	0.71	µg/m ³	Pakistan	(62)
Lead	Air	PM10 (traffic)	0.64	µg/m ³	Pakistan	(62)
Lead	Air	PM10 (industrial)	0.04	µg/m ³	Iran	(63)
Lead	Air	PM1 (roadside)	210	ng/m ³	Algeria	(64)
Lead	Air	PM2.5 (roadside)	290	ng/m ³	Algeria	(64)
Lead	Air	PM10	360	ng/m ³	Algeria	(64)
Lead	Air	PM1 (urban)	200	ng/m ³	Algeria	(64)
Lead	Air	PM2.5 (urban)	450	ng/m ³	Algeria	(64)
Lead	Air	PM10 (urban)	580	ng/m ³	Algeria	(64)
Lead	Air	PM10 (urban)	0.58	µg/m ³	India	(65)
Lead	Air	PM10 (urban)	10.8	ng/m ³	Costa Rica	(66)
Lead	Air	PM2.5 (urban)	8.385	ng/m ³	Costa Rica	(66)

Lead	Air	PM10 (urban)	0.06	µg/m ³	Colombi a	(67)
Lead	Fish	Tilapia (muscle)	0.078	mg/g	Malaysia	(68)
Lead	Fish	Sockeye salmon fry	230.8	ng/g dw	Canada	(69)
Lead	Mollusc	Manila clams	33.7	ng/g dw	Canada	(69)
Lead	Mollusc	Pacific oyster	108.05	ng/g dw	Canada	(69)
Lead	Mollusc	Blue mussel	208.6	ng/g dw	Canada	(69)
Lead	Fish	Pacific herring	27.8	ng/g dw	Canada	(69)
Lead	Fish	Chinook salmon	17.7	ng/g dw	Canada	(69)
Lead	Fish	Chum salmon	21.1	ng/g dw	Canada	(69)
Lead	Fish	Pink salmon	9.3	ng/g dw	Canada	(69)
Lead	Fish	Sockeye salmon	8.5	ng/g dw	Canada	(69)
Lead	Fish	Mackerel	5.0	mg/kg	Indonesi a	(70)
Lead	Fish	Selangat	5.3	mg/kg	Indonesi a	(70)
Lead	Fish	Shark	4.6	mg/kg	Indonesi a	(70)
Lead	Fish	White pomfret	4.8	mg/kg	Indonesi a	(70)
Lead	Fish	Sembilang	3.8	mg/kg	Indonesi a	(70)
Lead	Mollusc	<i>Patella nigrolineata</i>	0.152	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Ostrea cretata</i>	0.241	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Tridacna squamosa</i>	0.081	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Nerita waigiensis</i>	0.045	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Lepidochiton cinereus</i>	0.207	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Morula squamosa</i>	0.276	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Brachidontes sp.</i>	0.331	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Lepidochiton cinereus</i>	0.179	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Patella nigrolineata</i>	0.060	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Nerita waigiensis</i>	3.451	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Patella miniata</i>	5.337	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Dinocardum robustum vanhyningi</i>	0.121	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Brachidontes sp.</i>	0.122	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Nassarius clathratus</i>	0.237	mg/kg	Egypt	(71)

Lead	Mollusc	<i>Patella testudinaria</i>	0.295	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Lepidochiton cinereus</i>	0.387	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Nerita waigiensis</i>	0.199	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Nerita waigiensis</i>	0.560	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Lepidochiton cinereus</i>	0.486	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Morula squamosa</i>	3.085	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Tridacna squamosa</i>	0.648	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Nerita peloronta</i>	0.376	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Psammobia depressa</i>	0.259	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Lepidochiton cinereus</i>	0.546	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Morula squamosa</i>	0.454	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Nerita peloronta</i>	0.060	mg/kg	Egypt	(71)
Lead	Mollusc	<i>Nerita undata</i>	0.084	mg/kg	Egypt	(71)
Lead	Fish	<i>Epinephelus</i> sp.	0.587	µg/g	Egypt	(72)
Lead	Fish	<i>Caranx</i> sp.	0.265	µg/g	Egypt	(72)
Lead	Fish	<i>Scarus gibbus</i>	0.225	µg/g	Egypt	(72)
Lead	Fish	<i>Synodus</i> sp.	0.395	µg/g	Egypt	(72)
Lead	Fish	<i>Nemipterus japonicus</i>	0.37	µg/g	Egypt	(72)
Lead	Fish	<i>Carangoides bajad</i>	0.52	µg/g	Egypt	(72)
Lead	Fish	<i>Lutjanus bohar</i>	0.51	µg/g	Egypt	(72)
Lead	Fish	<i>Thunnus albacares</i>	0.32	µg/g	Egypt	(72)
Lead	Fish	<i>Gerres oyena</i>	0.41	µg/g	Egypt	(72)
Lead	Fish	<i>Sargocentron spiniferum</i>	0.28	µg/g	Egypt	(72)
Lead	Fish	<i>Sardinella</i> sp.	0.375	µg/g	Egypt	(72)
Lead	Fish	<i>Siganus rivulatus</i>	0.44	µg/g	Egypt	(72)
Lead	Fish	<i>Trachurus mediterraneus</i>	0.4	µg/g	Egypt	(72)
Lead	Fish	<i>Lethrinus</i> sp.	0.25	µg/g	Egypt	(72)
Lead	Mollusc	<i>O. glomerata</i>	0.47	mg/kg dw	China	(73)
Lead	Mollusc	<i>P. viridis</i>	0.48	mg/kg dw	China	(73)
Lead	Mollusc	<i>C. scripta</i>	0.34	mg/kg dw	China	(73)
Lead	Mollusc	<i>M. edulis</i>	0.44	mg/kg dw	China	(73)
Lead	Mollusc	<i>G. divaricatum</i>	0.24	mg/kg dw	China	(73)
Lead	Mollusc	<i>B. virescens</i>	0.83	mg/kg dw	China	(73)
Lead	Packaging	HDPE	0	mg/kg	Brazil	(74)
Lead	Packaging	HDPE	2.73	mg/kg	Brazil	(74)

Lead	Packaging	HDPE	2.11	mg/kg	Brazil	(74)
Lead	Packaging	HDPE	393.65	mg/kg	Brazil	(74)
Lead	Packaging	HDPE	366.10	mg/kg	Brazil	(74)
Lead	Packaging	HDPE	462.35	mg/kg	Brazil	(74)
Lead	Packaging	PE	2992	mg/kg	Turkey	(75)
Lead	Packaging	PE	141.5	mg/kg	Turkey	(75)
Lead	Packaging	PE	224	mg/kg	Turkey	(75)
Lead	Packaging	PE	1528.5	mg/kg	Turkey	(75)
Lead	Packaging	PE	0	mg/kg	Turkey	(75)
Lead	Packaging	PP	1244	mg/kg	Turkey	(75)
Lead	Packaging	PP	102.5	mg/kg	Turkey	(75)
Lead	Packaging	PE	13000	mg/kg	Belgium	(76)
Lead	Packaging	PE	15950	mg/kg	Belgium	(76)
Lead	Packaging	PE	3.1	mg/kg	Belgium	(76)
Lead	Packaging	Hard plastic	6394.2	mg/kg	Korea	(77)
Lead	Packaging	Hard plastic	273.3	mg/kg	Korea	(77)
Lead	Packaging	PP	1893.7	mg/kg	Korea	(77)
Lead	Packaging	PP	1581.2	mg/kg	Korea	(77)
Lead	Packaging	PP	1192.1	mg/kg	Korea	(77)
Lead	Packaging	PP	920.5	mg/kg	Korea	(77)
Lead	Packaging	PP	1254.0	mg/kg	Korea	(77)
Lead	Packaging	Film	0.21	mg/kg	Switzerland	(78)
Lead	Packaging	Film	0.08	mg/kg	Switzerland	(78)
Lead	Packaging	HDPE	0.11	mg/kg	Switzerland	(78)
Lead	Packaging	PB+Film PE	1.46	mg/kg	Switzerland	(78)
Lead	Packaging	PE	0.1	mg/kg	Switzerland	(78)
Lead	Packaging	PET	0.15	mg/kg	Switzerland	(78)
Lead	Packaging	PP	0.32	mg/kg	Switzerland	(78)
Lead	Packaging	PS	0.62	mg/kg	Switzerland	(78)

Additional notes:

- All fish and shellfish concentrations converted to lipid wet weight (for HOCs).
- For muscle concentration, assumed lipid fraction (f_lip)=0.05 and for liver concentration, assumed f_lip=0.70, unless specific f_lip is reported from study.
- If study shows below detection limit (DL), assume DL/2 as concentrations.
- Crab f_lip = 0.7
- Mollusc f_lip= 0.07 (Average of Ref 18)

- For dry weight units (fish), convert assuming 80% moisture content if data is not provided.
- According to Li et al. (2017) (79), higher molecular weight PAHs were not detected in food contact materials (polystyrene) due to the more complex reaction pathway for the formation.

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