|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 | *Micropterus* sp. (fish) | 0.35 | ng/g | USA | (*2*) |
| PCB126 | Mollusc | *S. subcrenata* | <7.9 | pg/g lipid | China | (*3*) |
| PCB126 | Mollusc | *Amusium* spp. | 61 | pg/g lipid | China | (*3*) |
| PCB126 | Mollusc | *C. ferreri* | 55 | pg/g lipid | China | (*3*) |
| PCB126 | Mollusc | *S. grandis* | 18 | pg/g lipid | China | (*3*) |
| PCB126 | Mollusc | *M. meretrix* | <8.4 | pg/g lipid | China | (*3*) |
| PCB126 | Mollusc | *Amusium* spp. | 36 | pg/g lipid | China | (*3*) |
| PCB126 | Mollusc | *C. californiense* | 8 | pg/g lipid | China | (*3*) |
| PCB126 | Mollusc | *S. culacons tricta* | 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/m3 | Greece | (*7*) |
| PCB138 | Air | Semirural | 0.36-2.6 | pg/m3 | Greece | (*7*) |
| PCB126 | Air | Semirural | 0.051  Max: 0.108 | pg/m3 | South Africa | (*8*) |
| PCB126 | Air | Urban | 62.5 | fg/m3 | Hong Kong | (*9*) |
| PCB126 | Air | Urban | 99 | fg/m3 | Hong Kong | (*9*) |
| PCB126 | Air | Urban | 66 | fg/m3 | 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 | *Rita rita* | 0.47 | ng/g ww | Pakistan | (*12*) |
| PCB126 | Fish | *Mastacembelus armatus* | 0.47 | ng/g ww | Pakistan | (*12*) |
| PCB126 | Fish | *Securila gora* | 0.57 | ng/g ww | Pakistan | (*12*) |
| PCB126 | Fish | *Gudusia chapra* | 0.24 | ng/g ww | Pakistan | (*12*) |
| PCB126 | Fish | *Clupisoma naziri* | 0.22 | ng/g ww | Pakistan | (*12*) |
| PCB126 | Fish | *Clupisoma garua* | 0.37 | ng/g ww | Pakistan | (*12*) |
| PCB126 | Fish | *Cyprinus carpio* | 0.22 | ng/g ww | Pakistan | (*12*) |
| PCB126 | Fish | *Cirrhinus reba* | 0.21 | ng/g ww | Pakistan | (*12*) |
| PCB126 | Fish | *Cirrhinus mrigala* | 0.46 | ng/g ww | Pakistan | (*12*) |
| PCB126 | Fish | *Catla catla* | 0.27 | ng/g ww | Pakistan | (*12*) |
| PCB126 | Fish | *Labeo calbasu* | 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/m3 | India | (*19*) |
| PCB126 | Air | Particulate matter | 0.633 | pg/m3 | India | (*19*) |
| PCB126 | Air | Particulate matter | 0.1787 | pg/m3 | India | (*19*) |
| BaP | Air | Particulate matter (TSP) | 90 | pg/m3 | UK | (*20*) |
| BaP | Air | PM2.5 | 980 | pg/m3 | Italy | (*21*) |
| BaP | Air | PM2.5 | 124 | pg/m3 | Italy | (*21*) |
| BaP | Air | PM2.5 | 64 | pg/m3 | Italy | (*21*) |
| BaP | Air | PM2.5 | 52 | pg/m3 | US | (*22*) |
| BaP | Air | PM2.5 | 100 | pg/m3 | Hong Kong | (*23*) |
| BaP | Air | PM2.5 | 600 | pg/m3 | China | (*23*) |
| BaP | Air | PM2.5 | 970 | pg/m3 | China | (*23*) |
| BaP | Air | PM10 | 65 | pg/m3 | France | (*24*) |
| BaP | Air | PM10 | 138 | pg/m3 | France | (*25*) |
| DEHP | Air | PM10 | 46200 | pg/m3 | France | (*25*) |
| DEHP | Air | PM10 | 41500 | pg/m3 | France | (*24*) |
| DEHP | Air | PM10 | 13500 | pg/m3 | Norway | (*26*) |
| DEHP | Air | TSP | 22900 | pg/m3 | US | (*27*) |
| DEHP | Air | TSP | 560000 | pg/m3 | China | (*28*) |
| DEHP | Air | PM10 | 70000 | pg/m3 | 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 | *Cynoglossus senegalensis* | 0.7 | µg/g dw | Ghana | (*32*) |
| Lead | Fish | *Pomadasys perotetti* | 0 | µg/g dw | Ghana | (*32*) |
| Lead | Fish | *Drapane africana* | 0.28 | µg/g dw | Ghana | (*32*) |
| Lead | Fish | *Cynoglossus senegalensis* | 0 | µg/g dw | Ghana | (*32*) |
| Lead | Fish | *Pomadasys peroteti* | 0 | µg/g dw | Ghana | (*32*) |
| Lead | Fish | *Drapane africana* | 0 | µg/g dw | Ghana | (*32*) |
| Lead | Fish | *Pomadasys peroteti* | 0.2 | µg/g dw | Ghana | (*32*) |
| Lead | Fish | *Drapane africana* | 0 | µg/g dw | Ghana | (*32*) |
| BaP | Fish | *Euthynnus alletteratus* | 5693.380 | ng/g | Egypt | (*33*) |
| BaP | Fish | *Scomberomorus commerson* | 2511.813 | ng/g | Egypt | (*33*) |
| BaP | Fish | *Sphyraena sphyraena* | 1902.720 | ng/g | Egypt | (*33*) |
| BaP | Fish | *Diplodus vulgaris* | 4309.320 | ng/g | Egypt | (*33*) |
| BaP | Fish | *Alepes djedaba* | 32905.485 | ng/g | Egypt | (*33*) |
| BaP | Fish | *Clupea sirem* | 0 | ng/g | Egypt | (*34*) |
| BaP | Fish | *Mugil sehli* | 29.3 | ng/g | Egypt | (*34*) |
| BaP | Fish | *Mugil capito* | 17.6 | ng/g | Egypt | (*34*) |
| BaP | Fish | *Sciasna* sp. | 38 | ng/g | Egypt | (*34*) |
| BaP | Fish | *Morone labrax* | 37.9 | ng/g | Egypt | (*34*) |
| BaP | Fish | *Paranchanna obscura* | 0 | µg/kg | Nigeria | (*35*) |
| BaP | Fish | *Oreochromis niloticus* | 13.4 | µg/kg | Nigeria | (*35*) |
| BaP | Fish | *Gymnarchus niloticus* | 0 | µg/kg | Nigeria | (*35*) |
| BaP | Fish | *Sebastes fasciatus* | 1.5 | µg/kg | Nigeria | (*35*) |
| BaP | Fish | *Gadus morhua* | 0.9 | µg/kg | Nigeria | (*35*) |
| BaP | Fish | *Chrysichthys nigrodigitatus* | 3.9 | µg/kg | Nigeria | (*35*) |
| BaP | Fish | *Sardinella aurita* | 14.1 | µg/kg | Nigeria | (*35*) |
| BaP | Fish | *Trachurus trachurus* | 0 | µg/kg | Nigeria | (*35*) |
| BaP | Fish | *Scomber scombrus* | 2.5 | µg/kg | Nigeria | (*35*) |
| BaP | Fish | *Pseudotolithus senegalensis* | 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/m3 | 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/m3 | China | (*52*) |
| Lead | Air | PM2.5 (steel) | 134 | ng/m3 | China | (*53*) |
| Lead | Air | PM2.5 (steel) | 176 | ng/m3 | China | (*53*) |
| Lead | Air | PM2.5 (Traffic) | 30 | ng/m3 | China | (*53*) |
| Lead | Air | PM2.5 (residential) | 41 | ng/m3 | China | (*53*) |
| Lead | Air | PM2.5 (rural) | 158 | ng/m3 | China | (*53*) |
| Lead | Air | PM2.5 | 23.9 | ng/m3 | Austria | (*54*) |
| Lead | Air | PM10 | 27.6 | ng/m3 | Austria | (*54*) |
| Lead | Air | PM2.5 | 200 | ng/m3 | Egypt | (*55*) |
| Lead | Air | PM2.5 | 77.1 | ng/m3 | South Africa | (*56*) |
| Lead | Air | PM10 | 96.1 | ng/m3 | South Africa | (*56*) |
| Lead | Air | Fine | 107.3 | ng/m3 | China | (*57*) |
| Lead | Air | Coarse | 34.3 | ng/m3 | China | (*57*) |
| Lead | Air | Fine | 14 | ng/m3 | Brazil | (*58*) |
| Lead | Air | Coarse | 11 | ng/m3 | Brazil | (*58*) |
| Lead | Air | PM22 (main street) | 32.6 | ng/m3 | Germany | (*59*) |
| Lead | Air | PM22 (side street) | 12.6 | ng/m3 | Germany | (*59*) |
| Lead | Air | PM22 (rural) | 11.6 | ng/m3 | Germany | (*59*) |
| Lead | Air | PM1 (summer) | 0.3957 | ng/m3 | Canada | (*60*) |
| Lead | Air | PM1 (winter) | 0.3959 | ng/m3 | Canada | (*60*) |
| Lead | Air | PM10 (residential) | 0.35 | µg/m3 | Pakistan | (*61*) |
| Lead | Air | PM10 (industrial) | 1.07 | µg/m3 | Pakistan | (*61*) |
| Lead | Air | PM10 (traffic) | 0.71 | µg/m3 | Pakistan | (*62*) |
| Lead | Air | PM10 (traffic) | 0.64 | µg/m3 | Pakistan | (*62*) |
| Lead | Air | PM10 (industrial) | 0.04 | µg/m3 | Iran | (*63*) |
| Lead | Air | PM1 (roadside) | 210 | ng/m3 | Algeria | (*64*) |
| Lead | Air | PM2.5 (roadside) | 290 | ng/m3 | Algeria | (*64*) |
| Lead | Air | PM10 | 360 | ng/m3 | Algeria | (*64*) |
| Lead | Air | PM1 (urban) | 200 | ng/m3 | Algeria | (*64*) |
| Lead | Air | PM2.5 (urban) | 450 | ng/m3 | Algeria | (*64*) |
| Lead | Air | PM10 (urban) | 580 | ng/m3 | Algeria | (*64*) |
| Lead | Air | PM10 (urban) | 0.58 | µg/m3 | India | (*65*) |
| Lead | Air | PM10 (urban) | 10.8 | ng/m3 | Costa Rica | (*66*) |
| Lead | Air | PM2.5 (urban) | 8.385 | ng/m3 | Costa Rica | (*66*) |
| Lead | Air | PM10 (urban) | 0.06 | µg/m3 | Colombia | (*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 | Indonesia | (*70*) |
| Lead | Fish | Selangat | 5.3 | mg/kg | Indonesia | (*70*) |
| Lead | Fish | Shark | 4.6 | mg/kg | Indonesia | (*70*) |
| Lead | Fish | White pomfret | 4.8 | mg/kg | Indonesia | (*70*) |
| Lead | Fish | Sembilang | 3.8 | mg/kg | Indonesia | (*70*) |
| Lead | Mollusc | *Patella nigrolineata* | 0.152 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Ostrea crestata* | 0.241 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Tridacna squamosa* | 0.081 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Nerita waigiensis* | 0.045 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Lepidochiton cinereus* | 0.207 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Morula squamosa* | 0.276 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Brachidontes sp.* | 0.331 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Lepidochiton cinereus* | 0.179 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Patella nigrolineata* | 0.060 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Nerita waigiensis* | 3.451 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Patella miniata* | 5.337 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Dinocardum robustum vanhyningi* | 0.121 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Brachidontes sp.* | 0.122 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Nassarius clathratus* | 0.237 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Patella testudinaria* | 0.295 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Lepidochiton cinereus* | 0.387 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Nerita waigiensis* | 0.199 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Nerita waigiensis* | 0.560 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Lepidochiton cinereus* | 0.486 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Morula squamosa* | 3.085 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Tridacna squamosa* | 0.648 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Nerita peloronta* | 0.376 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Psammobia depressa* | 0.259 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Lepidochiton cinereus* | 0.546 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Morula squamosa* | 0.454 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Nerita peloronta* | 0.060 | mg/kg | Egypt | (*71*) |
| Lead | Mollusc | *Nerita undata* | 0.084 | mg/kg | Egypt | (*71*) |
| Lead | Fish | *Epinephelus* sp. | 0.587 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Caranx* sp. | 0.265 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Scarus gibbus* | 0.225 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Synodus* sp. | 0.395 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Nemipterus japonicus* | 0.37 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Carangoides bajad* | 0.52 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Lutjanus bohar* | 0.51 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Thunnus albacares* | 0.32 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Gerres oyena* | 0.41 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Sargocentron spiniferum* | 0.28 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Sardinella* sp. | 0.375 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Siganus rivulatus* | 0.44 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Trachurus mediterraneus* | 0.4 | µg/g | Egypt | (*72*) |
| Lead | Fish | *Lethrinus* sp. | 0.25 | µg/g | Egypt | (*72*) |
| Lead | Mollusc | O. glomerata | 0.47 | mg/kg dw | China | (*73*) |
| Lead | Mollusc | P. viridis | 0.48 | mg/kg dw | China | (*73*) |
| Lead | Mollusc | C. scripta | 0.34 | mg/kg dw | China | (*73*) |
| Lead | Mollusc | M. edulis | 0.44 | mg/kg dw | China | (*73*) |
| Lead | Mollusc | G. divaricatum | 0.24 | mg/kg dw | China | (*73*) |
| Lead | Mollusc | B. virescens | 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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