Limits for contaminants and veterinary residues in seafood

Several individual markets have established specific maximum residue limits (MRLs) for contaminants in seafood, including substances such as veterinary drug residues, heavy metals (e.g. mercury, cadmium, lead), and persistent organic pollutants (POPs) like dioxins and PCBs. These limits come in addition to general food safety legislation, which requires that food must be safe and not harmful to human health. The specific requirements and tolerances vary between countries and product types. Upon export, products may be subject to control and analysis at border inspection posts. Note that the information compiled is subject to regular change and should therefore be considered as guidance only. We recommend consulting the official and current standards applicable to your target market prior to export. In some cases, specific products (such as fish oil or individual species) may be subject to different or additional limits.

Aditional information:
If not otherwise specified the MRL applies to muscle tissue with skin

Market	Standard/Regulation	Contaminant class	Compound/Contaminant	Category - species group	Limit/ MRL	unit	Notes
Brazil	NORMATIVE INSTRUCTION No. 88, OF MARCH 26, 2021	Heavy metal	Arsenic	Seafood - Raw, chilled or frozen	1	mg/kg	Whole or eviscerated, without head and thorax
			Cadmium	Fish - Raw, chilled or frozen	0,05		Species-specific: 0.05–0.30 mg/kg depending on species
				Fish, pelagic species	0,1		
				Crustaceans	0,5		
				Bivalve molluscs	2		
				Cephalopod molluscs	2		
			Lead	Fish	0,3		
				Crustaceans	0,5		
				Bivalve molluscs	1,5		
				Cephalopod molluscs	1		
			Mercury (total)	Fish (non-predatory)	0,5		
				Fish (predatory)	1		
				Crustaceans	0,5		
				Bivalve molluscs	0,5		
				Cephalopod molluscs	0,5		
		Persistent Organic Pollutant (POP)	Dioxins + PCBs	Fish and seafood	6,5	pg/g	MRL applies to the sum
			Dioxins + furans		3,5		
	NORMATIVE INSTRUCTION No. 88, OF MARCH 26, 2021	Histamine	Histamine	Fish	100	mg/Kg	9 samples, no result higher than 200 mg/kg
				Fish, Salted or dried	200		9 samples, no result higher than 400 mg/kg
	NORMATIVE INSTRUCTION No. 162, OF JULY 1, 2022	Veterinary drug	Ampicillin	Fish	50	µg/kg	Muscle/skin
			Benxylpencillin		50		
			Chlortetracycline		100		
			Cloxacillin		300		
			Colistin		150		
			Danofloxacin		100		
			Deltamethrin		10		
			Dicloxacillin		30		
			Emamectin (B1a)		100		
			Enrofloxacin		100		
			Enrofloxacin + Ciprofloxacin		100		
			Erythromycin A		100		
			Florfenicol		1000		
			Oxolinic acid		100		
			Oxytetracycline		200		
			Sarafloxacin		10		
			Trimethoprim		50		
Saudi Arabia and United Arab Emirates	GSO 193:2021	Heavy metal	Cadmium	Fish (Mackerel, tuna, bichique)	0,1	mg/kg	
				Fish (Bullet tuna)	0,15		
				Fish (Anchovy, swordfish, sardine)	0,25		
				Fish (Other species)	0,05		
				Crustaceans	0,5		Excludes brown meat/offal
				Bivalve molluscs	2		Excludes oysters and scallops
				Cephalopods	2		Without viscera
			Lead	Fish	0,3		Whole fish (muscle) after evisceration
				Crustaceans	0,5		Muscle meat only
				Bivalve molluscs	1,5		Whole commodity (after shell removal)
				Cephalopods	1		Without viscera
			Mercury (total)	Fish (Tuna)	1,2		After removing digestive tract
				Fish (Alfonsino)	1,5		
				Fish (Marlin)	1,7		
				Fish (Shark)	1,6		
				Fish (general)	1		Other fish species
		PAH (smoking contaminant)	Benzo(a)pyrene (BaP)	Smoked fish products	5	µg/kg	
			Sum of 4 PAHs (BaP, BbF, B(a)A, CHR)		30		
		Persistent Organic Pollutant (POP)	Dioxins and dioxin-like PCBs	Fish and seafood	1,75	pg/kg	
			Non-dioxin-like PCBs (NDL-PCBs)		75	µg/kg	
		Histamine	Histamine		200	mg/Kg	
	GSO 2481:2021	Veterinary drug	Florfenicol	Fish/Salmonoids	500	µg/kg	
			Trimethoprim		10		
			Flumequine		500		
			Chlortetracycline		200		
			Deltamethrin		30		
			Emamectin		100		
			Tricaine Methanesulfonate		10		
			Oxytetracycline		200		
			Ormetoprim		100		
			Oxfendazole		100		
			Teflubenzuron		300		

Market	Standard/Regulation	Contaminant class	Compound/Contaminant	Category - species group	Limit/ MRL	unit	Notes
EU	Commission Regulation (EU) 2023/915	Heavy metal	Inorganic arsenic	Certain wildfish species	0,5	mg/kg	Anglerfish, monkfish and giant stargazer (Lophiusspecies; Kathetostoma giganteum), flatfishes (Pleuronectiformesspecies), haddock (Melanogrammus aeglefinus), herring (Clupeaspecies), ray (Rajidaespecies) and shark (all species).
				Fish species not mentioned above	0,1		Spesific values for some species, see COMMISSION REGULATION(EU) 2025/1891
				Crabs and crab-like crustaceans, Prawns and shrimps	0,1		
				Scallops	0,1		
			Lead	Fish (muscle) and Cephalopods (without viscera)	0,3		
				Crustaceans (muscle meat only)	0,5		
			Cadmium	Muscle meat of fish not otherwise specified	0,05		
				Muscle meat of Mackerel, Tuna or Bichigues species	0,1		Higher Cd limit for these species (e.g. tunas, Atlantic mackerel, Sicyopterus lagocephalus).
				Muscle meat of Anchovy, Swordfish or Sardine	0,25		Highest Cd limit for these species (e.g. anchovies, sardines, swordfish).
				Crustaceans	0,5		Muscle from legs/abdomen; head and cephalothorax excluded (e.g. crabs).
				Bivalve molluscs	1,0		E.g. clams, scallops. In scallops (Pecten maximus), only adductor muscle + gonad considered.
				Cephalopods	1,0		
			Mercury	Fish, Crustaceans, Molluscs (general)	0,5		Some species may have higher limits. Eg. Tuna, Halibut, Mackerel, Pollock or Salmon see 2023/915
				Predatory fish (listed large species)	1,0		Higher Hg limit for top predators (e.g. tuna, swordfish, shark, halibut, eel, etc.).
				Certain small fish + cephalopods	0,3		Lower Hg limit for small species (e.g. anchovy, herring, sprat, sardine, cod, salmon) and for cephalopods/gastropods. (Cephalopods without viscera.)
		Dioxins and PCBs	Sum of dioxins (WHO-PCDD/F-TEQ)	Fish and seafood	3,5	pg/g (wet)	Sum of dioxins and dioxin-like PCBs
			Sum of dioxins and dioxin-like PCBs (pg WHO-PCDD/F-PCB-TEQ/g)		6,5		
			Sum of non dioxin-like PCBs (ng/g)		75		
			Sum of dioxins + DL-PCBs (WHO-TEQ)	Fish liver (and products thereof)	20.0		Fish liver (any species) – combined dioxins/DL-PCBs. Wet weight. (No separate dioxin-only limit; "–" in regulation.)
			Sum of NDL-PCBs (ICES-6)		200		Fish liver – NDL-PCBs. Wet weight. For canned liver, applies to total contents.
		PAH (smoking contaminant)	Benzo(a)pyrene (BaP)	Smoked fishery products (general)	2.0	µg/kg (wet)	PAH in traditionally smoked fish/fishery products. Applies to smoked fish muscle; crustacean muscle only (no cephalothorax).
			Sum of 4 PAHs (BaP, BbF, B(a)A, CHR)		12.0		Sum of benzo(a)pyrene, benz[a]anthracene, benzo[b]fluoranthene, chrysene. General smoked fish products limit.
		PFAS (persistent pollutant)	PFOS (perfluorooctane sulfonic acid)	Fish (muscle, most species)	2.0	µg/kg (wet)	PFAS limits in fish muscle. Applies to wet weight of fish muscle (or whole fish if consumed whole).
			PFOA (perfluorooctanoic acid)		0.20		–
			PFNA (perfluorononanoic acid)		0.50		–
			PFHxS (perfluorohexane sulfonic acid)		0.20		–
			Sum of PFOS+PFOA+PFNA+PFHxS		2.0		Sum of the four PFAS (linear+branched isomers).
	Commission Regulation (EC) No 2073/2005	Histamine	Histamine	Fish	100	mg/Kg	9 samples, no result in 2 samples higher than 200 mg/kg
				Fish, Salted or dried	200		9 samples, no result in 2 samples higher than 400 mg/kg
	Reg (EC) No 37/2010	Veterinary drug	Diflubenzuron	Salmonidae	1000	µg/kg	
			Cypermethrin		50		
			Sarafloxacin		30		
			Teflubenzuron		500		
			Amoxicillin	Finfish	50		
			Ampicillin		50		
			Benzylpenicillin (Penicillin G)		50		
			Chlortetracycline		100		
			Cloxacillin		300		
			Colistin		150		
			Danofloxacin		200		
			Deltamethrin		10		
			Dicloxacillin		300		
			Difloxacin		300		
			Emamectin (B1a)		100		
			Enrofloxacin		100		
			Erythromycin A		200		
			Florfenicol (sum of florfenicol + metabolites as florfenicol-amine)		1000		
			Flumequine		600		
			Lincomycin		100		
			Neomycin B		500		
			Oxacillin		300		
			Oxolinic acid		100		
			Oxytetracycline		100		
			Paromomycin		500		
			Spectinomycin		300		
			Spectinomycin		300		
			Sulfonamides		100		
			Tetracycline (sum of parent and 4-epimer)		100		
			Thiamphenicol		50		
			Tilmicosin		75		
			Trimethoprim		50		
			Tylosin A		100		
India	Food Safety and Standards (Contaminants, Toxins and Residues) Regulations, 2011	Heavy metal	Lead	Canned fish products	5	mg/kg	
				Fish	0,3		
			Arsenic	Fish and crusteans	76		
			Tin	Canned fish products	200		
			Cadmium	Bivalve molluscs	2		
				Fish	0,3		
			Mercury	Fish	0,5		
			Chromium	Fish	12		
		Industrial/Natural Toxin	Saffrole	Fish preparations and fish products	10		
		Persistent Organic Pollutant (POP)	Polychlorinated biphenyls (Sum of PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180)	Inland and Migratory Fish	2.0		
			Polychlorinated biphenyls (Sum of PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180)	Marine Fish, Crustaceans and molluscs	0.5		
		PAH (polycylic Aromatic Hydrocarbon)	Benzo(a)pyrene	Smoked Fishery Products	5.0		
		Pesticide	Carbaryl	Fish	0.2	mg/kg	
			Quinalphos		0.01		
		Veterinary drug	Tetracycline		0.1		
			Oxytetracycline		0.1		
			Trimethoprim		0.05		
			Oxolinic acid		0.3		
	Food Safety and Standards (Food Products Standards and Food Additives) Regulations	Histamine	Histamine	Fish	100	mg/Kg	9 samples, no result in 2 samples higher than 200 mg/kg
					200	mg/Kg	9 samples, no result in 2 samples higher than 400 mg/kg

Market	Standard/Regulation	Contaminant class	Compound/Contaminant	Category - species group	Limit/ MRL	unit	Notes
China	GB 2762-2022	Heavy metal	Lead	Fish, crustaceans	0,5	mg/kg	
				Bivalve shellfish	1,5		
				Aquatic products	1,0		
				Fish products	0,5		
			Cadmium	Fish	0,1		
				Crustaceans (excluding sea crab and mantis shrimp)	0,5		
				Sea crab and mantis shrimp	3,0		
				Bivalves, gastropods, cephalopods, echinoderms	2,0		
				Canned fish	0,2		
				Other fish products	0,1		
			Mercury	Aquatic animals and products	0,5		
				Carnivorous fishes and products	1,0		
				Fish (Tuna)	1,2		
				Fish (Alfonsino)	1,5		
				Fish (Marlin)	1,7		
				Fish (Shark)	1,6		
			Arsenic	Fish and fish products	0,1		
			Chromium	Aquatic animal and its products	2,0		
		PAH (polycylic Aromatic Hydrocarbon)	Benzo(a)pyrene	Smoked, roasted aquatic products	5,0		
		Nitrosamine	N-Nitrosodimethylamine	Aquatic products	4,0		
		Persistent Organic Pollutant (POP)	Polychlorinated biphenyls (Sum of PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180)	Aquatic animal and its products	20	µg/kg	
				Aquatic animal oil	200		
	GB 2733–2015	Histamine	Histamine	Fishes with High Histamine	400	mg/kg	
				Other sea fish	200		
	GB 31650-2019 (The standard was updated with GB 31650.1-2022 but it don't target seafood)	Veterinary drug	Amoxicillin	Fish	50	µg/kg	
			Benzylpenicillin/Procaine benzylpenicillin		50		
			Cloxacillin		300		
			Cypermethrin and alpha-Cypermethrin		50		
			Danofloxacin		100		
			Deltamethrin		30		
			Difloxacin		300		
			Doxycycline		100		
			Enrofloxacin		100		
			Erythromycin		200		
			Florfenicol		1000		
			Flumequine		500		
			Lincomycin		100		
			Neomycin		500		
			Oxacillin		300		
			Oxolinic acid		100		
			Oxytetracycline/Chlortetracycline/Tetracycline		200		
			Sarafloxacin		30		
			Sulfonamides		100		
			Thiamphenicol		50		
			Trimethoprim		50		
Taiwan	Taiwan's Hygienic standards for contaminants and toxins in food	Heavy metal	Inorganic Arsenic	Fish	0,5	mg/kg	
			Lead	Fish	0,3		
				Shellfish	1,5		
			Cadmium	Pelagic fish	0,1		
				Anchovy	0,25		
				Other fish	0,05		
				Shellfish	1		
			Methylmercury	Sharks, swordfish, tuna, oily fish	2		
				Cod, skipjack tuna, sea bream, monkfish, flatfish, mullet...	1		
				Other fish	0,5		
				Shellfish	0,5		
		PAH (smoking contaminant)	Benzo(a)pyrene (BaP)	Smoked or barbecued sprat and canned sprat	5	µg/kg	
				Smoked or barbecued Bivalve shellfish	6		
				Smoked or barbecued fish or aquatic products	2		
				Bivalve shellfish	5		
		Freshness indicator	Volatile basic nitrogen (VBN)	Fish of the Pleuronectidae family, except halibut,	30	mg/100 g	Used as an freshness indicator for seafood
				Atlantic salmon , hake family, and halibut	35		-
				Other unlisted fishes	25		-
				Fresh ready-to-eat aquatic products	15		-
		Histamine	Histamine	Fish products with high histamine content	200	mg/kg	-
				Fish products with high histidine content - processed	400		
	Handling Standard for Foods Containing Dioxins and Polychlorinated Biphenyls (PCBs)	Dioxins and PCBs	Sum of dioxins (WHO-PCDD/F-TEQ)	Fish and seafood	3,5	pg/g (wet)	Sum of dioxins and dioxin-like PCBs
			Sum of dioxins and dioxin-like PCBs (pg WHO-PCDD/F-PCB-TEQ/g)		6,5		
			Sum of non dioxin-like PCBs (ng/g)		75		
			Sum of dioxins + DL-PCBs (WHO-TEQ)	Fish liver (and products thereof)	20.0		Fish liver (any species) – combined dioxins/DL-PCBs. Wet weight.
			Sum of NDL-PCBs (ICES-6)		200		Fish liver – NDL-PCBs. Wet weight. For canned liver, applies to total contents.
	Standards for Veterinary Drug Residue Limits in Foods	Veterinary drug	Amoxicillin	Fish	0.05	mg/kg	
			Ampicillin		0.05		
			Chlortetracycline, Oxytetracycline, and Tetracycline		0.2		
			Doxycycline		0.01		
			Erythromycin		0.2		
			Eugenol		0.05		
			Florfenicol		1		
			Flumequine		0.5		
			Kitasamycin		0.05		
			Lincomycin		0.1		
			Oxolinic acid		0.05		
			Spiramycin	Fish, shrimp	0.2		
			Sulfadimethoxine		0.1		
			Thiamphenicol	Fish	0.1		
			Tricaine methanesulfonate		0.01		
			Trichlorfon		0.01		

Market	Standard/Regulation	Contaminant class	Compound/Contaminant	Category - species group	Limit/ MRL	unit	Notes
South-Korea	Food Code: Article 5. Standards and Specifications for Each Food Product	Heavy metal	Cadmium	Marine Fish	0,2	mg/kg	
				Freshwater & Migratory Fish	0,1		
				Mollusks	2		
				Squid mantle	1		
				Octopus (whole)	3		
				Crustaceans	1		
				Crab viscera	5		
			Lead	Marine Fish	0,5		
				Mollusks	2		
				Squid mantle	1		
				Crab viscera	2		
				Seaweed (miyeok)	0,5		
			Mercury (total)	Marine Fish	0,5		
			Methylmercury	Predatory Fish (e.g., tuna)	1		
			Mercury (total)	Mollusks	0,5		
		PAH	Benzo[a]pyrene	Smoked Fish Products	5	µg/kg	
				Smoked-Dried Fish Products	10		
		Persistent Organic Pollutant (POP)	Polychlorinated Biphenyls (Σ6 PCBs)	Fish (general)	0,3	mg/kg	
	Food Code: Specifications for Fishery Products	Histamine	Histamine	Fish (general)	200	mg/kg	Applicable only to mackerels, tunas, salmons, Pacific sauries, Pacific herrings, anchovies, Japanese Spanish mackerels, sardines, bullet tunas, frigate tuna and Japanese amberjack)
	Korea's veterinary drug database / MFDS food code - 2023 MFDS Veterinary Drug MRL	Veterinary drug	Gentamicin	Fish	0.1	mg/kg	**In the absence of a Korean MRL or IT, the products will we subject to a 0.01ppm (mg/kg) residue tolerance.**
			Nalidic acid		0.03		
			Neomycin		0.5		
			Dehydrocholic acid		0.01		
			Deltamethrin		0.03		
			Doxycycline		0.05		
			Difloxacin		0.3		
			Lincomycin		0.1		
			Sulphamethoxazole		0.1		
			Cefadroxil		0.01		
			Cephalexin		0.2		
			Spiramycin		0.2		
			Amoxicillin		0.05		
			Albendazole		0.03		
			Ampicillin		0.05		
			Erythromycin		0.2		
			Enrofloxacin (in combination with ciprofloxacin)		0.1		
			Ormetoprim		0.1		
			Oxolinic acid		0.1		
			Oxytetracycline/Chlortetracycline/Tetracycline		0.2		
			Isoeugenol		0.01		
			colistin		0.15		
			Clindamycin		0.1		
			Kitasamycin		0.2		
			Tylosin		0.1		
			Trimethoprim		0.05		
			Trichlorphone		0.01		
			Tiamulin		0.1		
			Thiamphenicol		0.05		
			Pumagilin		0.01		
			Praziquantel		0.02		
			Florfenicol		0.2		
			Plumequin		0.5		
			Neomycin	Crustaceans	0.5		
			Difloxacin		0.3		
			Lincomycin		0.1		
			Spiramycin		0.2		
			Amoxicillin		0.05		
			Ampicillin		0.05		
			Erythromycin		0.2		
			Enrofloxacin (in combination with ciprofloxacin)		0.1		
			Oxolinic acid		0.1		
			Oxytetracycline/Chlortetracycline/Tetracycline		0.2		
			colistin		0.15		
			Trimethoprim		0.05		
			Florfenicol		0.1		
			Plumequin		0.5		

Market	Standard/Regulation	Contaminant class	Compound/Contaminant	Category - species group	Limit/ MRL	unit	Notes
Storbritannia (UK)	The Contaminants in Food (England) Regulations 2013 (SI 2013/2196)	Heavy metal	Lead	Fish (muscle)	0,3	mg/kg	
				Crustaceans (muscle meat only)	0,5		
			Cadmium	Muscle meat of fish not otherwise specified	0,05		
				Muscle meat of Mackerel, Tuna or Bichigues species	0,1		Higher Cd limit for these species (e.g. tunas, Atlantic mackerel, Sicyopterus lagocephalus).
				Muscle meat of Anchovy, Swordfish or Sardine	0,25		Highest Cd limit for these species (e.g. anchovies, sardines, swordfish).
				Crustaceans	0,5		Muscle from legs/abdomen; head and cephalothorax excluded (e.g. crabs).
				Bivalve molluscs	1,0		E.g. clams, scallops. In scallops (Pecten maximus), only adductor muscle + gonad considered.
				Cephalopods	1,0		
			Mercury	Fish, Crustaceans, Molluscs (general)	0,5		
				Predatory fish (listed large species)	1,0		
				Certain small fish + cephalopods	0,3		
		Dioxins and PCBs	Sum of dioxins (WHO-PCDD/F-TEQ)	Fish and seafood	3,5	pg/g (wet)	Sum of dioxins and dioxin-like PCBs
			Sum of dioxins and dioxin-like PCBs (pg WHO-PCDD/F-PCB-TEQ/g)		6,5	pg/g (wet)	
			Sum of non dioxin-like PCBs (ng/g)		75	ng/g (wet)	
			Sum of dioxins + DL-PCBs (WHO-TEQ)	Fish liver (and products thereof)	20.0	pg/g (wet)	Fish liver (any species) – combined dioxins/DL-PCBs. Wet weight. (No separate dioxin-only limit; "–" in regulation.)
			Sum of NDL-PCBs (ICES-6)		200	ng/g (wet)	Fish liver – NDL-PCBs. Wet weight. For canned liver, applies to total contents.
		PAH (smoking contaminant)	Benzo(a)pyrene (BaP)	Smoked fishery products (general)	2.0	µg/kg	PAH in traditionally smoked fish/fishery products. Applies to smoked fish muscle; crustacean muscle only (no cephalothorax).
			Sum of 4 PAHs (BaP, BbF, B(a)A, CHR)		12.0	(wet)	Sum of benzo(a)pyrene, benz[a]anthracene, benzo[b]fluoranthene, chrysene. General smoked fish products limit.
	Retained EU Regulation 2073/2005 (UK Food Safety and Hygiene Regulations	Histamine	Histamine	Fish	100	mg/Kg	9 samples, no result in 2 samples higher than 200 mg/kg
				Fish, Salted or dried	200	mg/Kg	9 samples, no result in 2 samples higher than 400 mg/kg
	The Animals and Animal Products (Examination for Residues and Maximum Residue Limits)(England and Scotland) Regulations 2015	Veterinary drug	Diflubenzuron	Salmonidae	1000	µg/kg	Muscle (with skin) of fin fish
			Cypermethrin		50		
			Sarafloxacin		30		
			Teflubenzuron		500		
			Amoxicillin	Finfish	50		
			Ampicillin		50		
			Benzylpenicillin (Penicillin G)		50		
			Chlortetracycline		100		
			Cloxacillin		300		
			Colistin		150		
			Danofloxacin		200		
			Deltamethrin		10		
			Dicloxacillin		300		
			Difloxacin		300		
			Emamectin (B1a)		100		
			Enrofloxacin		100		
			Erythromycin A		200		
			Florfenicol (sum of florfenicol + metabolites as florfenicol-amine)		1000		
			Flumequine		600		
			Lincomycin		100		
			Neomycin B		500		
			Oxacillin		300		
			Oxolinic acid		100		
			Oxytetracycline		100		
			Paromomycin		500		
			Spectinomycin		300		
			Spectinomycin		300		
			Sulfonamides		100		
			Tetracycline (sum of parent and 4-epimer)		100		
			Thiamphenicol		50		
			Tilmicosin		75		
			Trimethoprim		50		
			Tylosin A		100		
USA	FDA FD&C Act §402(a)(1) (Adulteration Clause)	Heavy metal	Arsenic (Total)	Fish	-		Assessed case-by-case. No binding action level or tolerance for arsenic in seafood.
			Cadmium		-		evaluated case-by-case. Shellfish guidance exists but not binding MRL.
			Lead (Pb)		-		No CFR tolerance. Actionable at levels deemed unsafe. 1.7 ppm used as guidance for mollusks.
		Polycyclic Aromatic Hydrocarbons (PAHs)	PAH (e.g., Benzo[a]pyrene)		-		
		Persistent Organic Pollutants (POP)	Dioxins (TEQ)		-		
	21 CFR 109.30	Environmental contaminant	Polychlorinated Biphenyls (PCBs)		2	mg/kg	
	FDA CPG Sec. 575.100	Persistent Organic Pollutant (POP)	ALDRIN & DIELDRIN		0,3	mg/kg	
			CHLORDANE		0,3		
			CHLORDECONE		0,3		
			DDT, DDE, & TDE		5		
			HEPTACHLOR AND HEPTACHLOR EPOXIDE		0,3		
			Mirex		0,1		
	Sec. 540.525 Scombrotoxin (Histamine)-forming Fish and Fishery Products – Decomposition and Histamine (CPG 7108.24) Compliance Policy Guide:	Histamine	Histamine	Seafood	200	mg/kg	Above 35 ppm is considered spoiled by FDA
	21 CFR 556.500.	Veterinary	Sum of tetracycline residues, including oxytetracycline, chlortetracycline, and tetracycline	Finfish and lobster.	2	mg/kg	
	Import tolerance		Azamethiphos	Salmonids/Fish	0,02		
	Import tolerance		Benzocaine		0,05		
	21 CFR 556.118.		Chloramine-T		0,9		Note that If a drug isn't approved in the US, any residue will be considered adulterated, and FDA has the authority to enforce this
	21 CFR 556.283		Florfenicol		1,0		
	21 CFR 556.500		Oxytetracycline		2,0		
	21 CFR 556.490		Ormetoprim		0,1		
	21 CFR 530.41(a)(1)		Chloramphenicol		-		**Prohibited**
	Import tolerance		Lufenuron		1,35		
	21 CFR 556.640		Sulfadimethoxine/ormetoprim combination		0,1		
	21 CFR 556.660		Sulfamerazine		-		**Prohibited**
	Import tolerance		Telflubenzuron		0,5		
	21 CFR 530.41(a)(7)&(8)		Nitrofurans (e.g. furazolidone, nitrofurazone)		-		**Prohibited**

Market	Standard/Regulation	Contaminant class	Compound/Contaminant	Category - species group	Limit/ MRL	unit	Notes
Vietnam	QCVN 8-2: 2011/BYT: Level of Heavy Metal Contamination Allowed in Food	Heavy metal	Cadmium	Pelagic fish	0,1	mg/kg	
			Cadmium	Crustaceans	0,5		
			Cadmium	Bivalve mollusks	2,0		
			Cadmium	Seafood products	0,05		
			Lead (Pb)	Muscle of fish	0,3		
			Lead (Pb)	Crustaceans	0,5		
			Lead (Pb)	Bivalve mollusks	1,5		
			Mercury (Hg)	Finfish	1,0		
			Mercury (Hg)	Crustaceans	0,5		
			Mercury (Hg)	Seafood products	0,5		
			Methyl Mercury (MeHg),	Fish (excluding predatory fish)	0,5		
			Methyl Mercury (MeHg),	Predatory fish	1,0		
	TCVN 5289:2006	Histamine	Histamine	Frozen aquatiq products	100	mg/kg	
	No. 29/2010/TT-BNNPTNT	Veterinary	Chlortetracycline/Oxytetracycline/Tetracycline	Aquaculture fish	100	µg/kg	
			Sulfonamides (total)		100		
			Danofloxacin		100		
			Difloxacin		300		
			Enrofloxacin and Ciprofloxacin (total)		100		
			Deltamethrin		30		
			Flumequine (antibiotic)		600		
			Sarafloxacin		30		
			Oxolinic acid		100		
			Florfenicol		1000		
			Trimethoprim		50		