

List of Fish Species Detection Limits for AlerTox Fish Kit

**Unit:
ppm**

Experimental treatment of raw material

Common name	Systematic name	Raw (frozen/thaw)	Boiled 30 minutes	Heated 150C 30 minutes	Comment
Cod	<i>Gadus morhua</i>	0,9	4,7	30,3	Reference species

Almaco Jack	<i>Seriola dumerili</i>	2,2	3,8	65,2	
Anchovy	<i>Engraulis</i>	4,5	21,1	80,0	
Anglerfish	<i>Lophius</i>	7,5	25,0	41,0	
Basa	<i>Pangasius bocourti</i>	3,3	16,0	33,0	
Beltfish	<i>Trichiurus lepturus</i>	3,1	14,0	27,5	
Carp	<i>Cyprinus carpio</i>	3,0	7,0	48,0	
Catfish	<i>Ictalurus punctatus</i>	16,6	87,0	250,0	
Flounder	<i>Pleuronectes platessa</i>	22,2	122,0	340,0	
Golden pompano	<i>Trachinotus carolinus</i>	11,2	28,0	130,0	
Hake	<i>Merluccius</i>	5,5	23,5	88,0	
Mackerel	<i>Scomber</i>	7,8	25,5	110,0	
Mahi-Mahi (Dorado, dolphinfish)	<i>Coryphaena hippurus</i>	21,0	165,0	>500	
Mangrove Snapper	<i>Lutjanus griseus</i>	1,8	4,4	41,3	
Milk fish	<i>Chanos chanos</i>	12,2	64,0	210,0	
Pangasius	<i>Pangasius buchmanani</i>	2,5	4,9	28,5	
Pike	<i>Esox lucius</i>	1,3	12,0	68,0	
Pollock	<i>Pollachius pollachius</i>	2,2	5,6	44,0	
Red grouper	<i>Epinephelus morio</i>	1,6	4,8	27,0	
Red Snapper	<i>Lutjanus campechanus</i>	3,3	17,0	70,0	
Sardine	<i>Sardina</i>	11,2	46,0	122,0	
Scamp grouper	<i>Mycteroperca phenax</i>	0,9	6,5	33,0	
Sea perch	<i>Sebastes</i>	1,1	7,0	37,0	
Seabass	<i>Centropristis striata</i>	1,6	7,2	32,0	
Sheatfish	<i>Pangasius hypophthalmus</i>	2,8	18,0	65,0	

Stripples bass	<i>Morone saxatilis</i>	1,9	6,6	48,0	
Sword fish	<i>Xiphias gladius</i>	24,0	185,0	>500	
Tilapia	<i>Tilapia nilotica</i>	1,8	7,8	35,5	
Tuna	<i>Thunnus</i>	12,2	>500	NEGATIVE	abnormal response to heating
Turbot	<i>Scophthalmus maximus</i>	4,2	32,2	85,2	
Vermilion snapper	<i>Rhomboplites auorubens</i>	3,3	12,5	48,8	
Winter flounder	<i>Pseudopleuronectes americanus</i>	14,6	98,0	205,0	
Zander	<i>Sander</i>	2,2	11,0	45,5	
<i>Salmonidae:</i>					
Coho Salmon	<i>Oncorhynchus canadum</i>	31,0	210,0	>500	
Atlantic Salmon	<i>Salmo salar</i>	18,5	85,0	350,0	
Coral trout	<i>Plectropomus leopardus</i>	24,0	145,0	>500	
Trout	<i>Maccullochella macquariensis</i>	7,5	41,0	180,0	