

# CODEX ALIMENTARIUS COMMISSION



Food and Agriculture  
Organization of the  
United Nations



World Health  
Organization

Viale delle Terme di Caracalla, 00153 Rome, Italy - Tel: (+39) 06 57051 - E-mail: [codex@fao.org](mailto:codex@fao.org) - [www.codexalimentarius.org](http://www.codexalimentarius.org)

Agenda Items 7a/b

CRD03

Original language only

## JOINT FAO/WHO FOOD STANDARDS PROGRAMME

### CODEX COMMITTEE ON PESTICIDE RESIDUES

54rd Session

Beijing, P.R. China

26 June - 1 July 2023

#### REQUEST FOR COMMENTS AT STEP 4 ON THE REVISION OF THE CLASSIFICATION OF FOOD AND FEED: CLASS B – PRIMARY FOOD COMMODITIES OF ANIMAL ORIGIN (ALL TYPES) AND CLASS E - PROCESSED FOODS OF ANIMAL ORIGIN (ALL TYPES), INCLUDING TABLES 9 AND 10 ON EXAMPLES OF SELECTION OF REPRESENTATIVE COMMODITIES FOR CLASS B AND CLASS E AND THE IMPACT ON EXISTING CXLS

(AT STEP 4)

*Prepared by the Electronic Working Group chaired by the United States of America  
and co-chaired by the Netherlands*

#### BACKGROUND

This CRD needs to be read in conjunction with CX/PR23/54/6 and CX/PR23/54/7. In those documents the background of the discussions in previous CCPR-meetings and the discussions in the Electronic Working Group can be found.

In this document, the comments received in response to CL 2023/34-PR are incorporated as described below.

#### COMMENTS AND NOTES RECEIVED ON CL 2023/34-PR

Canada, Chile, Egypt, Iraq, Japan, Kenya, Norway and Thailand provided comments on CL 2023/34 PR.

Canada supported the proposed revisions to Class B including the added types, groups, subgroups and commodities and also supported the selection of proposed representative commodities in Table 9. Canada also supported the proposed revisions to Class E including the added groups, subgroups and commodities and also supported the selection of proposed representative commodities in Table 10.

Chile, Egypt, Iraq and Kenya also agreed with the revisions to Class B and Class E and the Examples of Selection of Representative Commodities in Table 9 and Table 10.

Japan proposed the deletion of the following sentence in Type 8, Group 044: "However, by a majority of countries around the world, the hunting of sea mammals is considered controversial and a ban on commercial whaling is recognized." The reason for this deletion is that this sentence is unrelated to pesticide residues in food.

For Class B, Norway suggested including "feed exposure" for fish in Class B in the sentences regarding exposure to pesticides and to delete "Whole commodity (in general after removing the digestive tract)", since the digestive tract is not applicable to all fish species. Spelling corrections identified by Norway were also corrected.

Thailand proposed deletion of paragraph 3 of the introductory remark of Group 032, Edible offal (Mammalian). This paragraph is proposed for deletion to avoid confusion with the recent definition of "edible offal". Thailand also proposed the deletion of text mentioning CAC/PR -1978 in Group 038 Avian, edible offal of as follows: "In the former Classification of food and Food Groups in the Guide to Codex Maximum Limits for Pesticide Residues 1978: CAC/PR 1-1978 the name Poultry by-products was used for this group." Thailand noted that CAC/PR 1-1978 is obsolete and the word "poultry by-product may confuse readers.

**IMPACT ON EXISTING CXLS**

There will be no impact on existing CXLS since only subgroups and commodities have been added, with no transfers between groups or subgroups.

**CONCLUSIONS**

The changes as described above were made to Class B (Appendix I). No changes were made to Class E (Appendix II) nor to Tables 9 (Class B) and 10 (Class E) Selection of Representative Commodities (Appendix III).

**RECOMMENDATIONS**

CCPR54 is invited to consider the revised Class B (Appendix I), Class E (Appendix II) and Representative Commodity Tables 9 (Class B) and Table 10 (Class E) in Appendix III, taking into account the conclusions and recommendations as well as comments submitted by Codex members and observers and to task the EWG to continue with the revision of the Classification based on the revised version provided in the CRD and additional comments provided in the pre-meeting on 21 June 2023.

**REVISION OF THE CLASSIFICATION OF FOOD AND FEED:  
CLASS B: PRIMARY FOOD COMMODITIES OF ANIMAL ORIGIN**

**CLASS B                      PRIMARY FOOD COMMODITIES OF ANIMAL ORIGIN**

For the purpose of the Codex Alimentarius the term “primary food commodity” means the product in or nearly in its natural state, intended for processing into food for sale to the consumer or intended for sale to the consumer as a food without further processing. It includes irradiated primary food commodities and products after removal of certain parts of the animal tissue, e.g. bones.

Food commodities of animal origin are parts of domesticated or wild animals, including their eggs and mammary secretions.

**TYPE 6                      MAMMALIAN PRODUCTS**

Mammalian products are derived from the edible parts of various mammals, primarily herbivorous, slaughtered for food. These mammals are usually domesticated, or to a lesser extent obtained as game animals. This type does not include edible products from marine mammals, for which see Group 044.

**Muscle (from mammals other than marine mammals)**

**Class B**

**Type 6                      Mammalian products                      Group 030                      Group Letter Code MM**

Group 030. Muscle, including adhering fatty tissues such as intramuscular, intermuscular ~~and subcutaneous~~ fat from animal carcasses or cuts of these as prepared for wholesale or retail distribution in a “fresh” state. The cuts offered to the consumer may include bones, connective tissues and tendons as well as nerves and lymph nodes.

The commodity description of “fresh” muscle includes muscle, which has been quick-frozen or quick-frozen and thawed.

The Group does not include edible offal as defined in Group 032.

Exposure to pesticides is through animal metabolism following oral intake with feed or through dermal intake as a consequence of external use of pesticides against ectoparasites.

The entire commodity except bones may be consumed.

Muscle is the skeletal tissue of an animal carcass or cuts of these tissues from an animal carcass that contains interstitial and intramuscular fat. The muscular tissue may also include bone, connective tissue, tendons as well as nerves and lymph nodes in natural portions. It does not include edible offal or trimmable fat.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity (without bones, edible offal and trimmable fat). For fat-soluble pesticides a portion of adhering fat is analysed and MRLs apply to the fat. For those commodities where the adhering fat is insufficient to provide a suitable sample, the whole commodity (without bone) is analysed and the MRL applies to the whole commodity (e.g. rabbit muscle) (ref. ALINORM 87/24, Appendix IV, paragraph 6).**

Eight subgroups are defined:

Subgroup 030A Bovine muscle

Subgroup 030B Camelid muscle

Subgroup 030C Caprine muscle

Subgroup 030D Cervine muscle

Subgroup 030E Equine muscle

Subgroup 030F Ovine muscle

Subgroup 030G Swine muscle

Subgroup 030H Various other mammalian muscles

**Group 030 Muscle (from mammals other than marine mammals)**

---

<u>Code No.</u>	<u>Commodity</u>
MM 0095	<b>Group of muscle (from mammals other than marine mammals)</b> (includes all commodities in group 030)

**Subgroup 030A Bovine muscle**

---

<u>Code No.</u>	<u>Commodity</u>
MM 3700	<b>Subgroup of bovine muscle</b> (includes all commodities in subgroup 030A)
-	<b>Banteng, muscle</b> See cattle muscle, MM 0812 <i>Bos javanicus</i> d'Alton
MM 0810	<b>Buffalo, muscle</b> <i>Bubalus bubalis</i> L. <i>Syncerus caffer</i> Sparrman <i>Bison bison</i> L. <i>Bison bonasus</i> L.
-	<b>Buffalo, African, muscle</b> , see Buffalo, muscle MM 0810 <i>Syncerus caffer</i> Sparrman
-	<b>Buffalo, American, muscle</b> , see Buffalo, muscle, MM 0810 <i>Bison bison</i> L.
-	<b>Buffalo, Cape, muscle</b> , see Buffalo, muscle, MM 0810
-	<b>Buffalo, water, muscle</b> , see Buffalo, muscle, MM 0810 <i>Bubalus bubalis</i> L.; syn: <i>Bubalis buffalus</i> Blum; <i>Bos bubalis</i> Brise; <i>Bubalis bos</i> Wall.
-	<b>Bison, European, muscle</b> , see Buffalo, muscle, MM 0810 <i>Bison bonasus</i> L.
-	<b>Calf, muscle</b> , see Cattle, muscle, MM 0812
MM 0812	<b>Cattle, muscle</b> Breeds and interbreeds of among others <i>Bos taurus</i> L.; <i>B. indicus</i> L.; <i>B. grunniens</i> L.; breeds of <i>B. javanicus</i> d'Alton <i>Bos frontalis</i> Lam.
-	<b>Gayal, muscle</b> , See Cattle, muscle, MM 0812 <i>Bos frontalis</i> Lam.
-	<b>Veal, muscle</b> , see Cattle, muscle, MM 0812
-	<b>Water buffalo, muscle</b> , see Buffalo, muscle, MM 0810 <i>Bubalus bubalis</i> L.
-	<b>Yak, muscle</b> , see Cattle, muscle, MM 0812

*Bos grunniens* L.

- **Zebu, muscle**, see Cattle muscle, MM 0812

*Bos indicus* L.

#### Subgroup 030B Camelid muscle

<u>Code No.</u>	<u>Commodity</u>
MM 3701	<b>Subgroup of camelid muscle</b> (includes all commodities in subgroup 030B)
MM 0811	<b>Camel, muscle</b> <i>Camelus bactrianus</i> L.; <i>C. dromedarius</i> L.; <i>Lama glama</i> L. ; <i>Lama pacos</i> L.
-	<b>Alpaca, muscle</b> See Camel, muscle, MM 0811 <i>Lama pacos</i> L.
-	<b>Camel, Bactrian, muscle</b> , see Camel, muscle, MM 0811 <i>Camelus bactrianus</i> L.
-	<b>Dromedary, muscle</b> , see Camel, muscle, MM 0811 <i>Camelus dromedarius</i> L.
-	<b>Llama or lama, muscle</b> , see Camel, muscle, MM 0811 Breeds of <i>Lama glama</i> L.; <i>Lama pacos</i> L.

#### Subgroup 030C Caprine muscle

<u>Code No.</u>	<u>Commodity</u>
MM 3702	<b>Subgroup of caprine muscle</b> (includes all commodities in subgroup 030C)
MM 0814	<b>Goat, muscle</b> Breeds of <i>Capra hircus</i> L.; other <i>Capra</i> spp., several breeds.

#### Subgroup 030D Cervine muscle

<u>Code No.</u>	<u>Commodity</u>
MM 3703	<b>Subgroup of cervine muscle</b> (includes all commodities in subgroup 030D)
MM 0813	<b>Deer, muscle</b> among others <i>Cervus elaphus germanicus</i> Desmarest; <i>Dama dama dama</i> L.; syn: <i>Cervus dama</i> Corbet & Hill; other <i>Cervus</i> spp. and ssp.
-	<b>Deer, fallow, muscle</b> , see Deer, muscle, MM 0813 <i>Dama dama dama</i> L.; syn: <i>Cervus dama</i> Corbet & Hill
-	<b>Deer, red, muscle</b> , see Deer, muscle, MM 0813 <i>Cerphus elaphus</i> L.; other <i>Cerphus</i> spp., several ssp.

MM 0824	<b>Elk, muscle</b> <i>Alces alces</i> (L.)
-	<b>Moose, European, muscle</b> , see Elk, muscle, MM 0824 <i>Alces alces</i> L.
MM 0820	<b>Reindeer, muscle</b> <i>Rangifer tarandus</i> (L.) (dom.)
MM 0821	<b>Roe, muscle</b> <i>Capreolus capreolus capreolus</i> (L.)

---

**Subgroup 030E Equine muscle**


---

<u>Code No.</u>	<u>Commodity</u>
MM 3704	<b>Subgroup of equine muscle</b> (includes all commodities in subgroup 030E)
MM 0825	<b>Donkey, muscle</b> <i>Equus asinus</i> L. Syn: <i>Asinus vulgaris</i> Gray <i>Equus asinus asinus</i> L. <i>Equus asinus palaestinae</i> Ducos <i>Equus africanus asinus</i> L.
MM X0826	<b>Hinny, muscle</b> <i>Equus caballus</i> L. x <i>Equus asinus</i> L.
MM 0816	<b>Horse, muscle</b> Several breeds of <i>Equus caballus</i> L.
MM 0827	<b>Mule, muscle</b> <i>Equus asinus</i> L. x <i>Equus caballus</i> L.

---

**Subgroup 030F Ovine muscle**


---

<u>Code No.</u>	<u>Commodity</u>
MM 3705	<b>Subgroup of ovine muscle</b> (includes all commodities in subgroup 030F)
-	<b>Lamb, muscle</b> , see Sheep, muscle, MM 0822
-	<b>Mouflon, muscle</b> , see Sheep, muscle, MM 0822 <i>Ovis musimon</i> (Pallas); syn: <i>Aegoceros musimon</i> Pallas
MM 0822	<b>Sheep, muscle</b> Several breeds of <i>Ovis aries</i> L.; other <i>Ovis</i> spp.

**Subgroup 030G Swine muscle**

---

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
MM 3706	<b>Subgroup of swine muscle</b> (includes all commodities in subgroup 030G)
MM 0818	<b>Pig, muscle</b> among other <i>Sus domesticus</i> Erxleben and breeds; <i>Sus</i> spp. and ssp.
MM 0823	<b>Wild boar, muscle</b> <i>Sus scrofa scrofa</i> L.

**Subgroup 030H Various other mammalian muscles**

---

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
MM 3707	<b>Subgroup of various other mammalian muscles</b> (includes all commodities in subgroup 030H)
MM 0828	<b>Capybara, muscle</b> <i>Hydrochoerus hydrochaeris</i> L.
MM 0829	<b>Dog, muscle</b> <i>Canis familiaris</i> L.
MM 0830	<b>Guinea pig, muscle</b> <i>Cavia porcellus</i> L.
MM 0815	<b>Hare, muscle</b> <i>Lepus europaeus</i> Pallas, several ssp. and var.; <i>L. timidus</i> L., several var.; other <i>Lepus</i> spp.
MM 0817	<b>Kangaroo, muscle</b> Genera of the family <i>Macropodinae</i>
MM 0831	<b>Peccary, collared, muscle</b> <i>Pecari tajacu</i> L.
MM 0832	<b>Possum, muscle</b> several species of the zoological suborder <i>Phalangeriformes</i>
MM 0833	<b>Rat, muscle</b> <i>Rattus</i> spp.
MM 0819	<b>Rabbit, muscle</b> <i>Oryctolagus cuniculus</i> L. ; <i>O. cuniculus fodiens</i> (Gray) ; <i>Lepus cuniculus</i> L. ; <i>Sylvilagus</i> spp.
-	<b>Wallaby muscle</b> , see Kangaroo, muscle, MM 0817

**Mammalian fats (except fat from marine mammals)****Class B**

**Type 6                      Mammalian products                      Group 031                      Group Letter Code MF**

Group 031. Mammalian fats, excluding milk fats are derived from the fatty tissues of animals (not processed). For processed animal fats see Group 085.

Exposure to pesticides is through animal metabolism following oral intake with feed or through dermal intake as a consequence of external use of the pesticides against ectoparasites.

The entire commodity may be consumed.

Fat is the food-based tissue that is trimmable from an animal carcass or cuts from an animal carcass. It may include subcutaneous, omental or perirenal fat. It does not include interstitial or intramuscular carcass fat or milk fat.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity.**

The scientific species names of the relevant animals are not repeated for this group of commodities. For these names see Group 030 Muscle (from mammals other than marine mammals).

Eight subgroups are defined

Subgroup 031A Bovine fat

Subgroup 031B Camelid fat

Subgroup 031C Caprine fat

Subgroup 031D Cervine fat

Subgroup 031E Equine fat

Subgroup 031F Ovine fat

Subgroup 031G Swine fat

Subgroup 031H Various other mammalian fats

---

**Group 031                      Mammalian fats**

---

<u>Code No.</u>	<u>Commodity</u>
MF 0100	<b>Group of Mammalian fats (except milk fats)</b> (includes all commodities in group 031)

---

**Subgroup 031A                      Bovine fat**

---

<u>Code No.</u>	<u>Commodity</u>
MF 3700	<b>Subgroup of bovine fat</b> (includes all commodities in subgroup 031A, (see subgroup 030A for species included in the group of bovine))
MF 0810	<b>Buffalo, fat</b>
MF 0812	<b>Cattle, fat</b>

---

**Subgroup 031B                      Camelid fat**

---

<u>Code No.</u>	<u>Commodity</u>
-----------------	------------------



MF 3701            **Subgroup of camelid fat**  
 (includes all commodities in subgroup 031B, (see subgroup 030B for species included in the group of camelid))

MF 0811            **Camel, fat**

---

**Subgroup 031C            Caprine fat**

**Code No.            Commodity**

MF 3702            **Subgroup of caprine fat**  
 (includes all commodities in subgroup 031C(see subgroup 030C for species included in the group of caprine)) )

MF 0814            **Goat, fat**

---

**Subgroup 031D            Cervine, fat**

**Code No.            Commodity**

MF 3703            **Subgroup of cervine fat**  
 (includes all commodities in subgroup 031D, (see subgroup 030D for species included in the group of cervine))

---

**Subgroup 031E            Equine fat**

**Code No.            Commodity**

MF 3704            **Subgroup of equine fat**  
 (includes all commodities in subgroup 031E, (see subgroup 030E for species included in the group of equine))

MF 0816            **Horse, fat**

---

**Subgroup 031F            Ovine fat**

**Code No.            Commodity**

MF 3705            **Subgroup of ovine fat**  
 (includes all commodities in subgroup 031F, (see subgroup 030F for species included in the group of ovine))

MF 0822            **Sheep, fat**

---

**Subgroup 031G            Swine fat**

**Code No.            Commodity**

MF 3706            **Subgroup of swine fat**  
 (includes all commodities in subgroup 031G, (see subgroup 030G for species included in the group of swine))

MF 0818            **Pig, fat**

MF 0823            **Wild boar, fat**

**Subgroup 031H Various other mammalian fats**

<u>Code No.</u>	<u>Commodity</u>
MF 3707	<b>Subgroup of various other mammalian fats</b> (includes all commodities in subgroup 031H, (see subgroup 030H for species included in the group of various other mammals))
MF 0828	<b>Capybara, fat</b>
MF 0829	<b>Dog, fat</b>
MF 0830	<b>Guinea pig, fat</b>
MF 0815	<b>Hare, fat</b>
MF 0817	<b>Kangaroo, fat</b>
MF 0831	<b>Peccary, collared, fat</b>
MF 0832	<b>Possum, fat</b>
MF 0833	<b>Rat, fat</b>
MF 0819	<b>Rabbit, fat</b>

**Edible offal (Mammalian)****Class B****Type 6 Mammalian products Group 032 Group Letter Code MO**

Group 032. Edible offal are those parts of an animal, apart from the skeletal muscle, fat and attached skin, that are considered fit for human consumption.

Examples: liver, kidney, tongue, heart, stomach, sweetbread (thymus gland), brain, etc.

~~The group name and definitions are in conformity with those recorded in the Codex Standards 89-1981 and 98-1981, Codex Standard for luncheon meat and Codex Standard for cooked cured chopped meat respectively: "Edible offal" means such offal's as have been passed as fit for human consumption, but not including lungs, ears, scalp, snout (including lips and muzzle), mucous membranes, sinews, genital system, udders, intestines and urinary bladder". In the former Classification of Food and Food Groups in the Guide to Codex Maximum Limits for Pesticide Residues 1978: CAC/PR 1-1978 the name Meat by products was used for this group.~~

**NOTE: Paragraph deleted based on comment from Thailand to avoid confusion with recent definition of "edible offal"**

Exposure to pesticides is through animal metabolism following oral intake with feed or through dermal intake as a consequence of external use of pesticides on livestock animals against ectoparasites.

The entire commodity may be consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity.**

The scientific species names of the relevant animals are not repeated for this group of commodities. For these names see Group 030 Muscle (from mammals other than marine mammals).

Eight subgroups are defined

Subgroup 032A Bovine edible offal

Subgroup 032B Camelid edible offal

Subgroup 032C Caprine edible offal

Subgroup 032D Cervine edible offal

Subgroup 032E Equine edible offal

Subgroup 032F Ovine edible offal

Subgroup 032G Swine edible offal

Subgroup 032H Various other mammalian edible offal

---

**Group 032 Edible offal (Mammalian)**

---

<u>Code No.</u>	<u>Commodity</u>
MO 0105	<b>Group of Edible offal (Mammalian)</b> (includes all commodities of group 032)

---

**Subgroup 032A Bovine edible offal**

---

<u>Code No.</u>	<u>Commodity</u>
MO 3700	<b>Subgroup of bovine edible offal</b> (includes all commodities in subgroup 032A, (see subgroup 030A for species included in the group of bovine))
MO 0810	<b>Buffalo, edible offal of</b>
MO 1282	<b>Buffalo, kidney</b>
MO 1283	<b>Buffalo, liver</b>
MO 0812	<b>Cattle, edible offal of</b>
MO 1280	<b>Cattle, kidney</b>
MO 1281	<b>Cattle, liver</b>

---

**Subgroup 032B Camelid edible offal**

---

<u>Code No.</u>	<u>Commodity</u>
MO 3701	<b>Subgroup of camelid edible offal</b> (includes all commodities in subgroup 032B , (see subgroup 030A for species included in the group of camelid))
MO 0811	<b>Camel, edible offal of</b>
MO 1286	<b>Camel, kidney</b>
MO 1287	<b>Camel, liver</b>

---

**Subgroup 032C Caprine edible offal**

---

<u>Code No.</u>	<u>Commodity</u>
MO 3702	<b>Subgroup of caprine edible offal</b> (includes all commodities in subgroup 032C, (see subgroup 030C for species included in the group of caprine))
MO 0814	<b>Goat, edible offal of</b>
MO 1290	<b>Goat, liver</b>
MO 1291	<b>Goat, kidney</b>

---

**Subgroup 032D Cervine edible offal**

---

<u>Code No.</u>	<u>Commodity</u>
-----------------	------------------

MO 3703	<b>Subgroup of cervine edible offal</b> (includes all commodities in subgroup 032D, (see subgroup 030D for species included in the group of cervine))
MO 0813	<b>Deer, edible offal of</b>
MO 1294	<b>Deer, kidney</b>
MO 1295	<b>Deer, liver</b>

---

**Subgroup 032E Equine edible offal**


---

<u>Code No.</u>	<u>Commodity</u>
MO 3704	<b>Subgroup of equine edible offal</b> (includes all commodities in subgroup 032E, (see subgroup 030E for species included in the group of equine))
MO 0825	<b>Donkey, edible offal of</b>
MO 1296	<b>Donkey, kidney</b>
MO 1297	<b>Donkey, liver</b>
MO 0816	<b>Horse, edible offal of</b>
MO 1292	<b>Horse, kidney</b>
MO 1293	<b>Horse, liver</b>

---

**Subgroup 032F Ovine edible offal**


---

<u>Code No.</u>	<u>Commodity</u>
MO 3705	<b>Subgroup of ovine edible offal</b> (includes all commodities in subgroup 032F, (see subgroup 030F for species included in the group of ovine))
MO 0822	<b>Sheep, edible offal of</b>
MO 1288	<b>Sheep, kidney</b>
MO 1289	<b>Sheep, liver</b>

---

**Subgroup 032G Swine edible offal**


---

<u>Code No.</u>	<u>Commodity</u>
MO 3706	<b>Subgroup of swine edible offal</b> (includes all commodities in subgroup 032G, (see subgroup 030G for species included in the group of swine))
MO 0818	<b>Pig, edible offal of</b>
MO 1284	<b>Pig, kidney</b>
MO 1285	<b>Pig, liver</b>
MO 1298	<b>Pig, skin</b>
MO 0823	<b>Wild boar, edible offal of</b>

**Subgroup 032H Various other mammalian edible offal**

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
MO 3707	<b>Subgroup of various other mammalian edible offal</b> (includes all commodities in subgroup 032H, (see subgroup 030H for species included in the group of various other mammals))
MO 0815	<b>Hare, edible offal of</b>
MO 1299	<b>Hare, kidney</b>
MO 1300	<b>Hare, liver</b>
MO 0817	<b>Kangaroo, edible offal of</b>
MO 1301	<b>Kangaroo, kidney</b>
MO 1302	<b>Kangaroo, liver</b>
MO 1303	<b>Possum, edible offal of</b>
MO 1304	<b>Possum, kidney</b>
MO 1305	<b>Possum, liver</b>
MO 0819	<b>Rabbit, edible offal of</b>
MO 1306	<b>Rabbit, kidney</b>
MO 1307	<b>Rabbit, liver</b>

**Milks****Class B****Type 6 Mammalian products Group 033 Group Letter Code ML**

Group 033. Milks are the mammary secretions of various species of lactating herbivorous ruminant animals, usually domesticated.

In conformity with the Codex Alimentarius Code of Principles concerning Milk and Milk products the term "Milk" shall mean exclusively the normal mammary excretion obtained from one or more milkings without either addition thereto or extraction therefrom.

Notwithstanding the provisions in the preceding paragraph, "the term "Milk" may be used for milk treated without altering its composition, or for milk, the fat content of which has been standardised under domestic legislation".

The entire commodity may be consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity.**

The scientific species names of the relevant animals are not repeated for this group of commodities. For these names see Group 030 Muscle (from mammals other than marine mammals).

Eight subgroups are defined

Subgroup 033A Bovine milk

Subgroup 033B Camelid milk

Subgroup 033C Caprine milk

Subgroup 033D Cervine milk

Subgroup 033E Equine milk

Subgroup 033F Ovine milk

**Group 033 Milks**

---

<u>Code No.</u>	<u>Commodity</u>
ML 0106	<b>Group of milks</b> (includes all commodities in group 033)

**Subgroup 033A Bovine milk**

---

<u>Code No.</u>	<u>Commodity</u>
ML 3700	<b>Subgroup of bovine milk</b> (includes all commodities of subgroup 033A, (see subgroup 030A for species included in the group of bovine))
ML 0810	<b>Buffalo, milk</b>
ML 0812	<b>Cattle, milk</b>

**Subgroup 033B Camelid milk**

---

<u>Code No.</u>	<u>Commodity</u>
ML 3701	<b>Subgroup of camelid milk</b> (includes all commodities of subgroup 033B , (see subgroup 030A for species included in the group of camelid))
-	<b>Camel, Bacterian, milk</b> See Camel, milk, ML 0811
ML 0811	<b>Camel, milk</b>

**Subgroup 033C Caprine milk**

---

<u>Code No.</u>	<u>Commodity</u>
ML 3702	<b>Subgroup of caprine milk</b> (includes all commodities of subgroup 033C, (see subgroup 030C for species included in the group of caprine))
ML 0814	<b>Goat, milk</b>

**Subgroup 033D Cervine milk**

---

<u>Code No.</u>	<u>Commodity</u>
ML 3703	<b>Subgroup of cervine milk</b> (includes all commodities of subgroup 033D, (see subgroup 030D for species included in the group of cervine))
ML 0824	<b>Elk, milk</b>
ML 0820	<b>Reindeer, milk</b>

**Subgroup 033E Equine milk**

---

<u>Code No.</u>	<u>Commodity</u>
ML 3704	<b>Subgroup of equine milk</b> (includes all commodities of subgroup 033E, (see subgroup 030E for species included in the group of equine))
ML 0825	<b>Donkey, milk</b>
ML 0816	<b>Horse, milk</b>

**Subgroup 033F Ovine milk**

---

<u>Code No.</u>	<u>Commodity</u>
ML 3705	<b>Subgroup of ovine milk</b> (includes all commodities of subgroup 033F (see subgroup 030F for species included in the group of ovine))
ML 0822	<b>Sheep, milk</b>

**TYPE 7 AVIAN PRODUCTS****Class B**

**Type 7 Avian products Group 036 Group Letter Code PM**

Group 036.

Muscle is the skeletal tissue of an animal carcass or cuts of these tissues from an animal carcass that contains interstitial and intramuscular fat. The muscular tissue may also include bone, connective tissue, tendons as well as nerves and lymph nodes in natural portions. It does not include edible offal or trimmable fat.

Exposure to pesticides may result from external treatment of animals or poultry houses or through animal metabolism following oral intake of pesticides with feed.

The entire product may be consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity (without bones): For fat-soluble pesticides a portion of adhering fat is analysed and MRLs apply to the avian fat.**

**Group 036 Avian muscle**

---

<u>Code No.</u>	<u>Commodity</u>
PM 0110	<b>Group of avian muscle</b> (includes all commodities in group 036)
PM 0840	<b>Chicken, muscle</b> Several breeds of <i>Gallus gallus</i> L. and other <i>Gallus</i> spp.
PM 0841	<b>Duck, muscle</b> Breeds of <i>Anas platyrhynchos</i> L. and other <i>Anas</i> spp.
PM 0852	<b>Duck, Muscovy, muscle</b> <i>Cairina moschata</i> L.

- **Dove, collared, muscle**, see Pigeon, muscle PM 0846  
*Streptopelia* spp.
- **Dove, turtle, muscle**, see Pigeon, muscle PM 0846  
*Streptopelia* spp.
- PM 0850 **Emu, muscle**  
*Dromaius novaehollandiae*
- PM 0842 **Goose, muscle**  
*Anser anser* L.; other *Anser* spp.
- PM 0853 **Grouse, muscle**  
*Tetraonini* tribe species
- PM 0843 **Guinea-fowl, muscle**  
Breeds of *Numida meleagris*
- PM 0851 **Ostrich, muscle**  
*Struthio camelus* L.
- PM 0844 **Partridge, muscle**  
*Perdix* spp. and *Alectoris* spp.
- PM 0854 **Peafowl, green, muscle**  
*Pavo muticus* L.
- PM 0845 **Pheasant, muscle**  
Breeds of *Phasianus colchicus* and other *Phasianus* spp. and ssp.
- PM 0846 **Pigeon, muscle**  
Breeds of *Columba livia* Gmelin: other *Columba* spp.; *Streptopelia* spp.
- PM 0847 **Quail, muscle**  
*Coturnix coturnix* L.; *Colinus virginianus*; *Lophotyx californicus*;  
*Coturnix japonica* L.
- **Quail, bobwhite muscle** , see Quail, muscle, PM 0847  
*Colinus virginianus*
- **Quail, California muscle**, see Quail, muscle, PM 0847  
*Lophotyx californicus*
- **Quail, Japanese, muscle** see Quail, muscle, PM 0847  
*Coturnix japonica* L.
- PM 0838 **Rhea, American, muscle**  
*Rhea americana* L.
- PM 0839 **Swan, mute, muscle**  
*Cygnus olor* Gmelin
- PM 0848 **Turkey, muscle**  
Breeds of *Meleagris gallopavo* L.



## Avian fats

---

### Class B

**Type 7**                      **Avian products**                      **Group 037**                      **Group Letter Code PF**

Fat is the lipid-based tissue that is trimmable from an animal carcass or cuts from an animal carcass. It may include [subcutaneous](#), omental or perirenal fat. It does not include [subcutaneous](#) interstitial or intramuscular carcass fat or milk fat. Exposure to pesticides may result from external treatment of animals or poultry houses or through animal metabolism following oral intake of pesticides with feed.

The entire product may be consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity.**

The scientific species names of the relevant animals are not repeated for this group of commodities. For these names see Group 036 Avian muscle.

### Group 037                      Avian fats

<u>Code No.</u>	<u>Commodity</u>
PF 0111	<b>Group of avian fats</b> (includes all commodities in group 037)
PF 0840	<b>Chicken, fat</b>
PF 0841	<b>Duck, fat</b>
PF 0850	<b>Emu, fat</b>
PF 0842	<b>Goose, fat</b>
PF 0851	<b>Ostrich, fat</b>
PF 0848	<b>Turkey, fat</b>

## Avian, Edible offal of

---

### Class B

**Type 7**                      **Avian products**                      **Group 038**                      **Group Letter Code PO**

Edible offal are those parts of an animal, apart from the skeletal muscle, fat and attached skin, that are considered fit for human consumption.. Examples: liver, gizzard, heart, skin etc. [In the former Classification of Food and Food Groups in the Guide to Codex Maximum Limits for Pesticide Residues 1978: CAC/PR 1-1978 the name Poultry by-products was used for this group.](#)

**NOTE: Sentence deleted based on comment from Thailand that CAC/PR -1978 is obsolete and the word "poultry by-products" may confuse readers.**

Exposure to pesticides is through animal metabolism following oral intake of pesticides with feed or may result from external treatment of animals or poultry houses.

The entire product may be consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole Commodity.**

### Group 038                      Avian, Edible offal of

<u>Code No.</u>	<u>Commodity</u>
PO 0111	<b>Group of avian, Edible offal of</b>

(includes all commodities in group 038)

PO 0113	<b>Poultry skin</b>
PO 0840	<b>Chicken, edible offal of</b>
PO 0841	<b>Duck, edible offal of</b>
PO 0850	<b>Emu, edible offal of</b>
PO 0842	<b>Goose, edible offal of</b>
PO 0849	<b>Goose, liver</b>
PO 0851	<b>Ostrich, edible offal of</b>
PO 0848	<b>Turkey, edible offal of</b>

## Eggs

### Class B

**Type 7**                      **Avian products**                      **Group 039**                      **Group Letter Code PE**

Group 039. Eggs are the fresh edible portion of the body produced by female birds, especially domestic fowl.

The edible portion includes egg yolk and egg white after removal of the shell.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole egg whites and yolks combined after removal of shell.**

The scientific species names of the relevant animals are not repeated for this group of commodities. For these names see Group 036 Avian muscles.

### **Group 039**                      **Eggs**

---

<u>Code No.</u>	<u>Commodity</u>
PE 0112	<b>Group of eggs</b> (includes all commodities in group 039)
PE 0840	<b>Chicken, eggs</b>
PE 0841	<b>Duck, eggs</b>
PE 0850	<b>Emu, eggs</b>
PE 0842	<b>Goose, eggs</b>
PE 0843	<b>Guinea-fowl, eggs</b>
PE 0851	<b>Ostrich, eggs</b>
PE 0847	<b>Quail, eggs</b>
PE 0838	<b>Rhea, American, eggs</b>
PE 0848	<b>Turkey, eggs</b>

**TYPE 8 AQUATIC ANIMAL PRODUCTS**

Aquatic animal products re derived from the edible parts of various aquatic animals, usually wild, harvested for food.

**Group 040-042 Fish**

Group 040-042 Fish are gilled, aquatic vertebrate and/or cartilaginous animals of various zoological families and species, usually wild, as caught and prepared for wholesale and retail distribution. Exposure to pesticides is through [feed exposure](#), animal metabolism or through water pollution. The fleshy parts of the animals and, to a lesser extent, milt and roe are consumed.

**NOTE:** Added based on comment by Norway as farmed fish species are mainly exposed to pesticides by formulated feeds which contain processed plant ingredients and hence pesticides.

Portion of the commodity to which the MRL applies (and which is analysed). **Whole commodity** (~~in general after removing the digestive tract edible portion~~).

**NOTE:** Deleted "whole commodity minus digestive" based on comment by Norway and replaced with "Whole commodity."

**Group 040 Freshwater fish****Class B****Type 8 Aquatic animal products Group 040 Group Letter Code WF**

The freshwater fishes generally remain lifelong, including the spawning period, in fresh water (lakes, ponds, rivers and brooks).

Several species of freshwater fish are domesticated and bred in fish farms. Exposure of the latter species to pesticides is mainly through compounded fish feed and can also be through water pollution.

Six subgroups of freshwater fishes are defined

Subgroup 040A Barbs

Subgroup 040B Carps

Subgroup 040C Catfishes

Subgroup 040D Perches

Subgroup 040E Tilapias

Subgroup 040F Various other freshwater fishes

**Group 040 Freshwater fish**

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
WF 0115	<b>Group of freshwater fish</b> (includes all commodities in group 040)

**Subgroup 040A Barbs**

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
WF 3710	<b>Subgroup of Barbs</b> (includes all commodities in subgroup 40A)
WF 0855	<b>Barbs</b>

*Puntius* spp. ;

syn: *Barbus* Cuvier spp.

-	<b>Barb, silver</b> see Barbs, WF 0855
	<i>Barbonymus gonionotus</i> Bleeker
WF 0871	<b>Bulatmai barbel</b>
	<i>Luciobarbus capitoi</i> Güldenstädt
WF 0872	<b>Spinubarbus hollandi</b>
	<i>Spinibarbus hollandi</i> Ōshima
WF 0873	<b>Qingbo fish</b>
	<i>Spinibarbus sinensis</i> Bleeker

#### Subgroup 040B Carps

---

<u>Code No.</u>	<u>Commodity</u>
WF 3711	<b>Subgroup of Carps</b> (includes all commodities in subgroup 40B)
WF 0858	<b>Bream</b> <i>Abramis brama</i> L.; other <i>Abramis</i> spp.
WF 0874	<b>Bream, black</b> <i>Megalobrama mantschuricus</i> Basilewsky
WF 0875	<b>Bream, Wuchang</b> <i>Megalobrama amblycephala</i> P. L. Yih
WF 0859	<b>Carps</b> <i>Cyprinus carpio</i> L. ; <i>Ctenopharyngodon idella</i> ; other spp. of the family <i>Cyprinidae</i>
WF 0876	<b>Carp, bighead</b> <i>Aristichthys nobilis</i> J. Richardson
WF 0877	<b>Carp, black</b> <i>Mylopharyngodon piceus</i> J. Richardson
-	<b>Carp, Chinese</b> , see Carp, WF 0859
-	<b>Carp, common</b> , see Carps, WF 0859 <i>Cyprinus carpio</i> L.
-	<b>Carp, Crucian</b> see Carps, WF 0859 <i>Carassius Carassius</i>
-	<b>Carp, grass</b> , see Carps, WF 0859 <i>Ctenopharyngodon Idella</i>
WF 0860	<b>Carp, Indian</b> <i>Labeo rohita</i> ; <i>L. calbassa</i> ;

	<i>Catla catla</i> ; <i>Cirrhinus mrigala</i>
WF 0878	<b>Carp, predatory</b> <i>Chanodichthys erythropterus</i> Basilewsky
-	<b>Carp, silver</b> see Carps, WF 0859 <i>Hypophthalmichthys molitrix</i>
WF 0879	<b>Gobies, freshwater</b> <i>Gobio gobio</i> L.; syn: <i>G. fluviatilis</i> Agass; other freshwater spp. of the family <i>Gobiidae</i>
-	<b>Rhinofishes</b> , see Carp, Indian, WF 0860 <i>Labeo</i> spp. among other <i>Labeo rohita</i> <i>Labeo calbassa</i>
WF 0867	<b>Roaches</b> <i>Rutilus rutilus</i> L. ; syn: <i>Leuciscus rutilus</i> L.; other <i>Rutilus</i> (syn: <i>Leuciscus</i> ) spp.

#### Subgroup 040C Catfishes

---

<u>Code No.</u>	<u>Commodity</u>
WF 3712	<b>Subgroup of Catfishes</b> (includes all commodities in subgroup 40C)
WF 0861	<b>Catfishes (freshwater)</b> <i>Ictalurus punctatus</i> and other <i>Ictalurus</i> spp. (North America); <i>Bagrus</i> spp. (Africa); <i>Kryptopterus</i> spp. (Asia); <i>Clarias</i> spp. (Africa/Asia); <i>Silurus glanis</i> L. (Europe, Russia); <i>Tandanus tandanus</i> (Australia)
-	<b>Basa</b> , see Pangasius, WF 0882 <i>Pangasius bocourti</i> Sauvage
-	<b>Catfish, Clarias</b> see Catfishes (freshwater), WF 0861 <i>Clarias</i> spp.
-	<b>Channel catfish</b> , see Catfishes (freshwater), WF 0861 <i>Ictalurus punctatus</i>
WF 0880	<b>Catfish, yellow</b> <i>Pelteobagrus fulvidraco</i> J. Richardson
WF 0881	<b>Catfish, Chinese longsnout</b> <i>Leiocassis longirostris</i> Günther
WF 0882	<b>Pangasius</b> <i>Pangasius</i> spp.
-	<b>Shark, iridescent</b> see Pangasius, WF 0882 <i>Pangasianodon hypophthalmus</i> Sauvage

Syn: *Pangasius hypophthalmus* Sauvage

### Subgroup 040D Perches

<b>Code No.</b>	<b>Commodity</b>
WF 3713	<b>Subgroup of Perches</b> (includes all commodities in subgroup 40D)
WF 0856	<b>Black bass</b> <i>Micropterus salmonides</i> ; <i>Micropterus</i> spp.
WF 0857	<b>Bluegill sunfish</b> (or Bluegill bream) <i>Lepomis macrochirus</i>
WF 0869	<b>Cod, Murray</b> <i>Maccullochella peelii</i> (Australia)
WF 0883	<b>Goby, marble</b> <i>Oxyeleotris marmorata</i> Bleeker
WF 0863	<b>Gourami (Asia)</b> <i>Osphronemus goramy</i> ; <i>Trichogaster pectoralis</i> ; <i>Helostoma temmincki</i>
WF 0864	<b>Perch</b> <i>Perca fluviatilis</i> L.; <i>P. flavescens</i> ; <i>Aspledinotus grunniens</i>
-	<b>Perch, American yellow</b> , see Perch, WF 0864 <i>Perca flavescens</i>
WF 0884	<b>Perch, Chinese</b> <i>Perca chuatsi</i> Basilewsky
WF 0885	<b>Perch, climbing</b> <i>Anabas testudineus</i> Bloch
-	<b>Perch, European</b> , see Perch, WF 0864 <i>Perca fluviatilis</i> L.
WF 0870	<b>Perch, golden</b> <i>Macquaria ambigua</i> (Australia)
-	<b>Perch, white</b> , see Perch, WF 0864 <i>Aspledinotus grunniens</i> ; syn: <i>Pomoxis annularis</i> Raf.
WF 0866	<b>Pikeperch</b> <i>Sander lucioperca</i> L.; syn: <i>Lucioperca sandra</i> Cuv
WF 0886	<b>Snakehead, northern</b> <i>Channa argus</i> Cantor
WF 0887	<b><a href="#">Snakehead, striped</a></b>

*Channa striata* Bloch

- **White perch**, see Perch, WF 0864
- **White crappie**, see Perch, WF 0864
- **Zander**, see pikeperch, WF 0866

#### Subgroup 040E Tilapias

---

<u>Code No.</u>	<u>Commodity</u>
WF 3714	<b>Subgroup of Tilapias</b> (includes all commodities in subgroup 40E)
WF 0868	<b>Tilapias</b> <i>Oreochromis mossambicus</i> ; syn: <i>Sarotherodon mossambicus</i> ; <i>Tilapia mossambicus</i> . Other <i>Oreochromis</i> ( <i>Sarotherodon</i> or <i>Tilapia</i> species)
-	<b>Tilapia, blue</b> see Tilapia, WF 0868 <i>Oreochromis aureus</i>
-	<b>Tilapia, Nile</b> see Tilapia, WF 0868 <i>Oreochromis niloticus</i>
-	<b>Mozambique tilapia</b> , see Tilapias, WF 0868

#### Subgroup 040F Various other freshwater fishes

---

<u>Code No.</u>	<u>Commodity</u>
WF 3715	<b>Subgroup of Various other freshwater fishes</b> (includes all commodities in subgroup 40F)
-	<b>Amur pike</b> , see Pike, WF 0865 <i>Esox reicherti</i>
WF 0888	<b>Eel, Swamp, Asian</b> <i>Monopterus albus</i> Zuiew
-	<b>Northern pike</b> , see Pikes, WF 0865 <i>Esox lucius</i> L.
WF 0889	<b>Osbeck's grenadier anchovy</b> <i>Coilia mystus</i> L.
WF 0902	<b>Pirapitinga</b> <i>Piaractus brachypomus</i> G. Cuvier
WF 0865	<b>Pike</b> <i>Esox lucius</i> L.; <i>E. reicherti</i>
WF 0903	<b>Pond loach</b> <i>Misgurnus anguillicaudatus</i> Cantor
WF 0904	<b>Salangid</b>

Includes species belonging to the Salangidae family

### Group 041 Diadromous fish

#### Class B

**Type 8**                      **Aquatic animal products**                      **Group 041**                      **Group Letter Code WD**

The diadromous fishes in general migrate from the sea to brackish and/or fresh water and in the opposite direction.

The anadromous species spawn in fresh water (streams, small rivers and brooks) e.g. several salmon species, whereas eels spawn in the ocean. Some species, such as trout, are domesticated and do not migrate. they are bred in fish farms in ponds, mountain streams etc. The latter species especially may be exposed to pesticides through compounded fish feed and also through water pollution.

The fleshy parts of the animals and, to a lesser extent, roe and milt are consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity** (~~in general after removing the digestive tract edible portion~~).

Six subgroups of diadromous fish are defined:

Subgroup 041A	Atlantic Salmons
Subgroup 041B	Pacific Salmons
Subgroup 041C	Eels
Subgroup 041D	Smelts
Subgroup 041E	Trouts
Subgroup 041F	Various other diadromous fishes

#### **Group 041**                      **Diadromous fish**

---

<u>Code No.</u>	<u>Commodity</u>
WD 0120	<b>Group of diadromous fish</b> (includes all commodities 041)

#### **Subgroup 041A**                      **Atlantic Salmons**

---

<u>Code No.</u>	<u>Commodity</u>
WD 3720	<b>Subgroup of Atlantic Salmons</b> (includes all commodities in subgroup 41A)
WD 0893	<b>Salmon, Atlantic</b> <i>Salmo salar</i> L.; syn: <i>Trutta salar</i> L.

#### **Subgroup 041B**                      **Pacific Salmons**

---

<u>Code No.</u>	<u>Commodity</u>
WD 3721	<b>Subgroup of Pacific Salmons</b> (includes all commodities in subgroup 41B)
-	<b>Cherry salmon</b> , see Salmon, Pacific, WD 0121 <i>Oncorhynchus masou</i>



- **Chinook salmon**, see Salmon, Pacific, WD 0121  
*Oncorhynchus tshawytscha*
- **Chum salmon**, see Salmon, Pacific, WD 0121  
*Oncorhynchus keta*
- **Coho salmon**, see Salmon, Pacific, WD 0121  
*Oncorhynchus kisutch*
- **Keta salmon**, see Salmon, Pacific, , WD 0121  
*Oncorhynchus keta*
- **King salmon**, see Salmon, Pacific, WD 0121  
*Oncorhynchus tshawytscha*
- **Medium red salmon**, see Salmon, Pacific, WD 0121  
*Oncorhynchus kisutch*
- **Pink salmon**, see Salmon, Pacific, WD 0121  
*Oncorhynchus gorbuscha*
- WD 0121 **Salmon, Pacific**  
according to Codex Stan. 36 and 37, 1981, includes *Oncorhynchus gorbuscha*;  
*O. keta*; *O. kisutch*; *O. masou*; *O. nerka*; *O. tshawytscha*
- **Silver salmon**, see-Salmon, Pacific, WD 0121  
*Oncorhynchus kisutch*
- **Sockeye salmon**, see Salmon, Pacific, WD 0121  
*Oncorhynchus nerka*
- **Spring salmon**, see Salmon, Pacific, WD 0121  
*Oncorhynchus tshawytscha*

**Subgroup 041C****Eels**

- | <u>Code No.</u> | <u>Commodity</u>  |
|-----------------|---|
| WD 3722         | <b>Subgroup of Eels</b><br>(includes all commodities in subgroup 41C)   |
| WD 0890         | <b>Eels</b><br><i>Anguilla anguilla</i> (L.) ; <i>A. japonica</i> ; <i>A. rostrata</i> ; <i>A. australis</i> ;<br><i>A. reinhardtii</i> |
| -               | <b>Eel, American</b> , see Eels, WD 0890<br><i>Anguilla rostrata</i>  |
| -               | <b>Eel, Australian</b> , see Eels, WD 0890<br><i>Anguilla australis</i> ; <i>A. reinhardtii</i>   |
| -               | <b>Eel, European</b> , see Eels, WD 0890<br><i>Anguilla anguilla</i> L.   |
| -               | <b>Eel, Japanese</b> , see Eels, WD 0890  |

*Anguilla japonica***Subgroup 041D****Smelts****Code No.****Commodity**

WD 3723

**Subgroup of Smelts**

(includes all commodities in subgroup 41D)

WD 0895

**Smelt***Osmerus eperlanus* L.;*O. mordax*; other *Osmerus* spp.

-

**Smelt, European**, see Smelt, WD 0895*Osmerus eperlanus* L.

WD 0899

**Smelt, pond***Hypomesus olidus* Pallas

-

**Smelt, rainbow**, see Smelt , WD 0895*Osmerus mordax***Subgroup 041E****Trouts****Code No.****Commodity**

WD 3724

**Subgroup of Trouts**

(includes all commodities in subgroup 41E)

-

**Arctic char**, see Trout, WD 0123

-

**Brook trout**, see Trout, WD 0123*Salvelinus* sp.

-

**Brown trout**, see Trout, WD 0123*Salmo trutta* L.;syn: *Trutta trutta* L.

-

**Char**, see Trout, WD 0123

-

**Cutthroat trout**, see trout, WD 0123*Salmo clarki*

-

**German trout**, see Trout, WD 0123*Salmo trutta* L.;syn: *Trutta trutta* L.

-

**Lake trout**, see Trout, WD 0123*Savelinus namaycush*

-

**Rainbow trout**, see Trout, WD 0123*Oncorhynchus mykiss* Walbaumsyn: *S. irrideus* Gibbons, *Salmo gairdneri*;

WD 0123

**Trout**

*Salmo clarki*, *S. gairdneri*; syn: *S. irrideus* Gibbons;  
*S. trutta* L.; syn: *Trutta trutta* L.; *Salvelinus namaycush*; *S. alpinus*;  
*S. salvelinus* L.

#### Subgroup 041F Various other diadromous fishes

<u>Code No.</u>	<u>Commodity</u>
WD 3725	<b>Subgroup of various other diadromous fishes</b> (includes all commodities in subgroup 41F)
WD 0898	<b>Barramundi</b> <i>Lates calcarifer</i> (Australia, Indo-Pacific)
-	<b>Giant sea perch</b> , see Barramundi, WD 0898
WD 0891	<b>Milkfish</b> <i>Chanos chanos</i>
WD 0897	<b>Nile perch</b> <i>Lates niloticus</i>
WD 0892	<b>Paddle fish</b> <i>Polyodon spathula</i> ; other species of the family <i>Polyodontidae</i>
WD 0900	<b>River lamprey, European</b> <i>Lampetra fluviatilis</i> L.
WD 0894	<b>Shad</b> <i>Alosa</i> spp.; <i>Hilsa</i> spp.
-	<b>Sturgeon, Amur</b> see Sturgeon WD 0896
WD 0896	<b>Sturgeon</b> <i>Acipenser sturio</i> L.; other spp. of the family <i>Acipenseridae</i>
-	<b>Sturgeon, Russian</b> see Sturgeon WD 0896
WD 0901	<b>Whitefishes</b> <i>Coregonus</i> spp.

#### Group 042 Marine fish

##### Class B

##### **Type 8 Aquatic animal products Group 042 Group Letter Code WS**

The marine fishes generally live in open seas. They are all or nearly all wild species, caught and prepared (often deep-frozen) for wholesale and retail distribution. Exposure to pesticides is mainly through water pollution and animal metabolism.

Especially the fleshy parts of the animals and to a lesser extent roe and milt are consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity** (~~in general, after removing the digestive tract~~ **edible portion**).

Seven subgroups are defined

Subgroup 042A Cod and Cod-like fishes

Subgroup 042B Flat-fishes

Subgroup 042C Mackerel and Mackerel-like fishes

Subgroup 042D Tunas and Bonitos

Subgroup 042E Herring like fishes

Subgroup 042F Sharks

Subgroup 042G Various other Marine fishes

---

**Group 042 Marine fish**

---

<u>Code no.</u>	<u>Commodity</u>
WS 0125	<b>Group of marine fish</b> (includes of all commodities in group 042)

---

**Subgroup 042A Cod and Cod-like fishes**

---

<u>Code no.</u>	<u>Commodity</u>
WS 0126	<b>Subgroup of Cod and Cod-like fishes</b> (includes all commodities in subgroup 042A)
-	<b>Coalfish, <a href="#">saithe</a></b> , see Pollack, WS 0946 <i>Pollachius virens</i> L.; syn: <i>Gadus virens</i> L.
WS 0927	<b>Cod</b> According to Codex Stan. 50-1981 includes <i>Gadus morhua</i> L.; syn: <i>G. callarius</i> L.; <i>G. ogac</i> Richardson; <i>G. macrocephalus</i>
-	<b>Cod, Atlantic</b> , see Cod, WS 0927 <i>Gadus morhua</i> L.; syn: <i>G. callarius</i> L.
-	<b>Cod, Greenland</b> , see Cod, WS 0927 <i>Gadus ogac</i> Richardson
-	<b>Cod, Pacific</b> , see Cod, WS 0927 <i>Gadus macrocephalus</i>
WS 0934	<b>Haddock</b> <i>Gadus aeglefinus</i> L.; syn: <i>Melanogrammus aeglefinus</i> L.
WS 0935	<b>Hakes</b> <i>Merluccius merluccius</i> (L.); other <i>Merluccius</i> spp.

WS 0946	<b>Pollack</b> <i>Pollachius pollachius</i> L.; syn: <i>Gadus pollachius</i> L.
WS 0905	<b>Pollack, Alaska</b> <i>Gadus chalcogrammus</i> Pallas
WS 0954	<b>Whiting</b> <a href="#">Merlangius merlangus (syn., Gadus merlangus L.)</a>
WS 0906	<b>Whiting, blue</b> <i>Micromesistius poutassou</i> A. Risso

---

**Subgroup 042B Flat-fishes**


---

<u>Code no.</u>	<u>Commodity</u>
WS 0127	<b>Subgroup of Flat-fishes</b> (includes all commodities in subgroup 042B)
-	<b>Brill</b> , see Turbot, WS 0953 <i>Scophthalmus rhombus</i> (L.); syn: <i>Rhombus laevis</i> Rondelet
WS 0929	<b>Dab or common dab</b> <i>Limanda limanda</i> L.
WS 0932	<b>Flounders</b> <i>Platichthys flesus</i> (L.); syn: <i>Pleuronectes flesus</i> L. ; <i>Atheresthes evermanni</i> ; <i>A. stomias</i> ; <i>Glyptocephalus cynoglossus</i> L.; <i>Limanda ferruginea</i>
WS 0907	<b>Flounder, olive</b> <i>Paralichthys olivaceus</i> Temminck & Schlegel
WS 0936	<b>Halibut</b> <i>Hippoglossus hippoglossus</i> L.; <i>H. stenolepis</i> ; <i>Reinhardtius hippoglossoides</i> Walbaum
-	<b>Halibut, Atlantic</b> , see Halibut, WS 0936 <i>Hippoglossus hippoglossus</i> L.
-	<b>Halibut, Greenland</b> , see Halibut, WS 0936 <i>Reinhardtius hippoglossoides</i> Walbaum
-	<b>Halibut, Pacific</b> , see Halibut, WS 0936 <i>Hippoglossus stenolepis</i>
WS 0945	<b>Plaice</b>

*Pleuronectus-Pleuronectes platessa* L. ;

*P. quadrituberculata*

- **Plaice, Alaska**, see Plaice WS 0945

*Pleuronectus-Pleuronectes quadrituberculata*

- **Plaice, European**, see Plaice WS 0945

*Pleuronectus-Pleuronectes platessa* L.

WS 0951 **Sole**

*Solea solea* L.;

syn: *S. vulgaris* Quensel

WS 0908 **Sole, tongue**

*Cynoglossus semilaevis* Günther

WS 0953 **Turbot**

*Scophthalmus maximus* L.;

syn: *Rhombus maximus* (L.)

- **Witch flounder**, see Flounders WS 0932

*Glyptocephalus cynoglossus* L.

WS 0909 **Yellowfin sole**

*Limanda aspera* Pallas

- **Yellowtail flounder**, see Flounders, WS 0932

*Limanda ferruginea*

#### **Subgroup 042C Mackerel and Mackerel-like fishes**

<b>Code no.</b>	<b>Commodity</b>
WS 0128	<b>Subgroup of Mackerel and Mackerel-like fishes</b> (includes all commodities in subgroup 042C)
-	<b>Horse mackerel</b> , see Jack Mackerel, WS 0938 <i>Trachurus spp.</i> ; several spp. see also Subgroup Mackerel and Jack Mackerel
-	<b>Indian mackerel</b> , see Mackerel, WS 0941 <i>Rastrelliger kanagurta</i> ; other <i>Rastrelliger</i> spp.
WS 0938	<b>Jack mackerel</b> According to Codex Stan. 119-1981 Jack Mackerel includes species of the following families and genera: <i>Carangidae</i> ; <i>Trachurus</i> spp.; <i>Decapterus</i> spp.
WS 0939	<b>King mackerel</b> <i>Scomberomorus</i> spp., including <i>S. cavalla</i> ; <i>S. comerson</i> ; <i>S. guttatus</i>

- WS 0941      **Mackerel**
- According to Codex Stan. 119-1981 Mackerel includes species of the following families and genera: *Scombridae*; *Scomber* spp.; *Rastrelliger* spp.
- Such as: *Scomber*; *scombrus* L.; —*Scomber japonicus*; other *Scomber* spp.; *Rastrelliger kanagurta*; *R. brachysoma*; other *Rastrelliger* spp.
- **Mackerel, Atlantic**, see Mackerel, WS 0941
- Scomber scombrus* L.
- **Mackerel, Chub**, see Mackerel, WS 0941
- Scomber japonicus*
- **Mackerel, Indian**, see Mackerel, WS 0941
- Rastrelliger kanagurta*
- **Mackerel, short**, see Mackerel, WS 0941
- Rastrelliger brachysoma*
- WS 0910      **Pompano**
- Trachinotus ovatus* L.
- **Scad**, see Jack Mackerel, WS 0938
- Decapterus* spp.
- **Spanish mackerel**, see King mackerel, WS 0939
- Scomberomorus* spp.; among others *S. maculatus*;
- Sc. Tritor*; *Sc. niphonius*
- **Seerfish**, see King mackerel, WS 0939
- Scomberomorus* spp.

#### Subgroup 042D Tunas and Bonitos

---

- | <u>Code no.</u> | <u>Commodity</u>   |
|-----------------|--|
| WS 0132         | <b>Subgroup of Tunas and Bonitos</b><br>(includes all commodities in subgroup 042D)        |
| -               | <b>Albacore</b> , see Tuna, WS 0952  |
|                 | <i>Thunnus alalunga</i> (Bonnaterre)   |
| -               | <b>Bigeye tuna</b> , see Tuna, WS 0952   |
| -               | <b>Blackfin tuna</b> , see Tuna, WS 0952   |
| WS 0924         | <b>Bonito</b>  |
|                 | According to Codex Stan. 70-1981 Bonito includes:  |
|                 | <i>Sarda sarda</i> (Bloch) ; <i>S. chiliensis</i> ; <i>S. orientalis</i> ; <i>S. velox</i> |
| -               | <b>Bonito, Atlantic</b> , see Bonito, WS0924   |
|                 | <i>Sarda sarda</i> (Bloch)   |
| -               | <b>Bonito, eastern Pacific</b> , see Bonito, WS 0952                                       |
|                 | <i>Sarda chiliensis</i>  |
| -               | <b>Longtail tuna</b> , see Tuna, Longtail  |

- **Northern bluefin tuna**, see Tuna, WS 0952

*Thunnus thynnus thynnus* L.

**Skipjack tuna**, see Tuna, Skipjack

~~**Southern bluefin tuna**, see Tuna, WS 0952~~

~~*Thunnus thynnus maccoyii*~~

~~syn: *Thunnus maccoyii*~~

WS 0952 **Tuna**

According to Codex Stan. 70-1981 Tuna includes:

*Thunnus alalunga* (Bonnaterre);

*Th. Albacares*; *Th. Atlanticus*;

*Th. Obesus*; *Th. thynnus maccoyii*;

*Th. thynnus orientalis*;

*Th. thynnus thunnus* L.; *Th. Tongoll*;

*Euthynnus affinus*;

*Eu. Alletteratus* ; *Eu. Lineatus* ;

*Eu. pelamis* L. ; syn: *Katsuwonus pelumis* L.

- **Tuna, bigeye**, see Tuna, WS 0952

*Thunnus obesus*

- **Tuna, blackfin**, see Tuna, WS 0952

*Thunnus atlanticus*

- **Tuna, bluefin**, see Tuna, WS 0952

*Thunnus thynnus* L.; *Th. Maccoyii*

WS0911 **Tuna, bullet**

*Auxis rochei* Risso

- **Tuna, longtail**, see Tuna, WS 0952

*Thunnus Tongoll*

- **Tuna, skipjack**, see Tuna, WS 0952

*Euthynnus pelamis* L. ;

syn: *Katsuwonis pelamis* L.

- ~~**Tuna, Southern bluefin tuna**, see Tuna, WS 0952~~

~~*Thunnus thynnus maccoyii*~~

~~syn: *Thunnus maccoyii*~~

- **Tuna, yellowfin**, see Tuna, WS 0952

*Thunnus albacares*

- **Yellowfin tuna**, see Tuna, WS 0952



<b>Code no.</b>	<b>Commodity</b>
WS 0129	<b>Subgroup of herring like fishes</b> (includes all commodities in this subgroup)
WS 0920	<b>Anchovies</b> <i>Engraulis encrasicolus</i> (L.) ; <i>E. japonicus</i> ; <i>E. mordax</i> ; <i>E. capensis</i> For Argentine anchovy and Peruvian anchovy see Sardines and Sardine-type fishes, WS 0130
-	<b>European sardine</b> , see Sardines and Sardine type fishes <i>Sardina pilchardus</i> (Walbaum) WS 0130
WS 0937	<b>Herring</b> <i>Clupea harengus</i> L.; <i>C. pallasii</i> ; other <i>Clupea</i> spp. N.B. For small fishes of these species see also Sardines and Sardine-type fishes
-	<b>Herring, Atlantic</b> , see Herring WS 0937 <i>Clupea harengus</i> L.
-	<b>Herring, Pacific</b> , see Herring WS 0937 <i>Clupea pallasii</i>
WS 0942	<b>Menhaden</b> <i>Brevoortia</i> spp.
	<del><b>Oil sardine</b>, see Sardines and Sardine type fishes, WS 0130</del>
	<del><i>Sardinella</i> spp.</del>
-	<b>Sardinella</b> see-Sardines and Sardine-type fishes, WS 0130 <i>Sardinella</i> spp
WS 0130	<b>Sardines and Sardine-type fishes</b> According to Codex Stan. 94-1981 small fishes of the following species: <i>Sardina pilchardus</i> (Walbaum) (European Sardine); <i>Sardinops melanosticta</i> ; <i>S. neopilchardus</i> ; <i>S. ocellata</i> ; <i>S. sagax</i> ; <i>S. caerulea</i> (Pilchards); <i>Sardinella aurita</i> Valanciennes; syn: <i>S. anchovia</i> ; <i>S. brasiliensis</i> ; <i>S. maderensis</i> (Sardinella's or oil-sardines); <i>Clupea harengus</i> L. (Atlantic herring, small fishes); <i>Clupea antipodum</i> ; <i>C. bassensus</i> ; <i>C. fuengensis</i> ; <u><a href="#">Sprattus sprattus</a> (European sprat)</u> <i>Sprattus sprattus phalericus</i> (Risso), Syn: <i>Clupea sprattus</i> L. (Sprat) ; <i>Hyperlophus vittatus</i> ; <i>Nematolosa vlaminghi</i> ;

*Etrumeus microps*;  
*Ethmidium maculatus* ;  
*Engraulis achoita* (Argentine anchovy) ;  
*E. ringens* (Peruvian anchovy)

.

-

**Sardine, European**

see-Sardines and Sardine-type fishes, WS 0130

*Sardina pilchardus* Walbaum

- [Sardine, oil sardine](#), see Sardines and Sardine type fishes, WS 0130

[Sardinella spp.](#)

**Subgroup 042F Sharks**

**Code no.**

**Commodity**

WS 3726

**Subgroup of sharks**

(includes all commodities in this subgroup)

~~[Liveroil shark](#), see Sharks, WS 0131~~

~~[Galeorhinus galeus L.](#);~~

~~[other Galeorhinus spp.](#)~~

-

**Porbeagle**, see Sharks, WS 0131

*Lamna nasus* (Bonaterre)

WS 0948

**Rays**

Spp. of the family *Rajidae*

~~[Requiem shark](#), see Sharks, WS 0131~~

~~[spp. of the family Carcharinidae of the Order of Selachii](#)~~

WS 0131

**Sharks**

Includes:

*Mustelus* spp., *Squalis* spp., *Lamna nasus* (Bonaterre),

*Galeorhinus* spp., and *Carcharinidae* spp.

-

**Shark, blue**, see Sharks, WS 0131

*Prionace glauca* L.

-

[Shark, Liveroil shark](#), see Sharks, WS 0131

[Galeorhinus galeus L.](#);

[other Galeorhinus spp.](#)

-

[Shark, Requiem shark](#), see Sharks, WS 0131

[spp. of the family Carcharinidae of the Order of Selachii](#)

-

**Smooth hounds**, see Sharks, WS 0131

*Mustelus* spp.

- **Spiny dogfish**, see Sharks, WS 0131

*Squalis acanthias* L.; other *Squalis* spp.

---

**Subgroup 042G Various other Marine fishes**

---

<b>Code no.</b>	<b>Commodity</b>
WS 3727	<b>Subgroup of various other marine fishes</b> (includes all commodities in this subgroup)
WS 0912	<b>Amberjack, Yellowtail</b> <i>Seriola lalandi</i> Valenciennes
WS 0913	<b>Alfonsinos</b> <i>Beryx</i> spp.
WS 0921	<b>Barracudas</b> <i>Sphyræna</i> spp.
WS 0922	<b>Bluefish</b> <i>Pomatomus saltatrix</i>
WS 0923	<b>Bogue</b> <i>Boops boops</i> (L.); syn: <i>Box boops</i> Bonaparte
WS 0914	<b>Bream, gilt-head</b> <i>Sparus aurata</i> L.
WS 0915	<b>Bream, golden threadfin</b> <i>Nemipterus virgatus</i> Houttuyn
WS 0956	<b>Bream, silver</b> <i>Acanthopagrus australis</i> (Australia)
WS 0916	<b>Bream, threadfin</b>
WS 0925	<b>Butterfish</b> Species of the family <i>Stromateidae</i>
WS 0926	<b>Capelin</b> <i>Mallotus villosus</i> Müller
WS 0917	<b>Catfish, Ariid</b> <i>Ariidae</i> family
-	<b>Catfish, Sea</b> , see Wolffish
WS 0918	<b>Cobia</b> <i>Rachycentron canadum</i> L.
WS 0928	<b>Conger or Conger eel</b> <i>Conger conger</i> (L.); <i>C. oceanicus</i> ; <i>C. orbignyanus</i> ; <i>Astroconger myriaster</i>

- **Conger, European**, see Conger  
*Conger conger* (L.) ;  
syn: *C. vulgaris* Cuv.
- **Croaker, baby**, See Drums, WS 0931  
*Collichthys niveatus* Jordan & Starks
- **Croaker, big head** See Drums, WS 0931  
*Collichthys lucidus* Richardson
- ~~- **Croaker, yellow** See Drums, WS 0931  
*Larimichthys crocea* Richardson~~
- **Croaker, Mi-iuy**, See Drums, WS 0931  
*Miichthys miiuy* Basilewsky
- ~~- **Croaker, yellow** See Drums, WS 0931  
*Larimichthys crocea* Richardson~~
  
- WS 0919 **Cusk**  
*Brosme brosme* Ascanius
- WS 0958 **Cusk-eels**  
*Ophidiidae* family
- WS 0959 **Cutlassfishes**  
*Trichiuridae* family
- WS 0960 **Dentex**  
Dentex spp.
- WS 0930 **Dolphinfish**  
*Coryphaena hippurus* L.
- **Dorado**, see Dolphinfish WS 0930
- WS 0961 **Dories, true**  
*Zeidae* family
- WS 0931 **Drums**  
Species of the family *Sciaenidae*
- WS 0962 **Elongate ilisha**  
*Ilisha elongate* Bennett
- WS 0933 **Garfish**  
*Belone belone* (L.);  
syn: *B. acus* Risso
- WS 0963 **Groupers**  
*Epinephelus* spp.
- WS 0940 **Ling**  
*Molva molva* L.; *M. byrkelange* Walbaum;  
syn: *M. dipterygia*; *M. elongata* Otto

- **Maigre, spotted**, See Drums, WS 0931  
*Nibea albiflora* Richardson
- WS 0964 **Monkfishes**  
*Lophius* spp.
- WS 0943 **Mulletts**  
(among others Mullet, red; Mullet, striped)  
*Mugil cephalus*  
*Mullus surmeletus* L. ;  
other spp of the family *Mugilidae*
- WS 0965 **Norway pout**  
*Trisopterus esmarkii* Nilsson
- WS 0944 **Ocean perch**  
According to Codex Stan. 51-1981 includes  
*Sebastes marinus* L. ; *S. mentella* ; *S. viviparus* Kroyer ; *S. alutus* ;  
*Scorpaena dactyloptera* Delaroche ;  
*Helicolenus maculatus*
- WS 0947 **Pomfret, Atlantic**  
*Brama brama* ;  
syn: *B. raii* Bloch
- WS 0966 **Rabbit fish**  
*Siganus argenteus* Quoy & Gaimard
- WS 0967 **Rockfish, Korean**  
*Sebastes schlegelii* Hilgendorf
- **Salema**, see Boque WS 0923  
*Boops salpa* (L.);  
syn: *Sarpa salpa* L.
- WS 0968 **Salmon, Australian**  
*Arripis trutta* Forster
- WS 0957 **Salmon, threadfin**  
*Polydactylus sheridani* (Australia)
- WS 0969 **Salmon-bass**  
*Argyrosomus regius* Asso
- WS 0980 **Saury**  
*Cololabis adocetus* Böhlke
- WS 0981 **Saury, Pacific**  
*Cololabis saira* Brevoort
- WS 0982 **Scraper, black**  
Species belonging to the genus *Thamnaconus*
- WS 0983 **Sandlace, Pacific**  
*Ammodytes personatus* Girard

~~- **Scorpion fishes**, see Ocean Perch, WS 0944~~

~~*Scorpaena dactyloptera* Delaroche;~~

~~syn: *Helicolenus dactylopterus* (Delaroche)~~

~~other spp. of the family *Scorpaenidae*~~

WS 0949 **Sea bass**

*Morone labrax* L; syn: *Dicentrarchus labrax* (L.);

*M. saxatilis*; other *Morone* spp.

WS 0950 **Sea bream**

*Pagellus centrodontus* (Delaroche);

*P. erythrinus* (L.); other *Pagellus* spp.

WS 0984 **Seabream, black**

*Spondyliosoma cantharus* L.

WS 0985 **Seabream, red**

*Pagrus major* Temminck & Schlegel

~~WS 0986 **Snapper, crimson**~~

~~*Lutjanus erythropterus* Bloch~~

~~WS 0987 **Tilefish**~~

~~*Branchiostegus argentatus* Cuvier~~

~~WS 0988 **Toothfish**~~

~~*Dissostichus* spp~~

~~WS 0989 **Yellowtail kingfish**~~

~~*Seriola lalandi* Valenciennes~~

~~WS 0994 **Snappers**~~

~~*Lutjanus* spp.~~

~~**Scorpion fishes**, see Ocean Perch, WS 0944~~

~~*Scorpaena dactyloptera* Delaroche;~~

~~syn: *Helicolenus dactylopterus* (Delaroche)~~

~~other spp. of the family *Scorpaenidae*~~

WS 0949 **Sea bass**

*Morone labrax* L; syn: *Dicentrarchus labrax* (L.);

*M. saxatilis*; other *Morone* spp.

WS 0950 **Sea bream**

*Pagellus centrodontus* (Delaroche);

*P. erythrinus* (L.); other *Pagellus* spp.

- **Sea catfish**, see Wolffish, WS 0955

*Anarhichas* spp.

WS 0994 **Snappers**

*Lutjanus spp.*

WS 0986 **Snapper, crimson**

*Lutjanus erythropterus* Bloch

WS 0995 **Swordfish**

*Xiphias gladius* L.

- **Tailor (Australia)**, see Bluefish, WS 0922

WS 0996 **Threadfins**

*Polynemidae*(family)

WS 0987 **Tilefish**

*Branchiostegus argentatus* Cuvier

WS 0988 **Toothfish**

*Dissostichus spp*

WS 0989 **Yellowtail kingfish**

*Seriola lalandi* Valenciennes

WS 0955 **Wolffish**

*Anarhichas lupus* L.;

*A. minor* Olafsson

WS 0997 **Yellow croaker**

*Larimichthys polyactis* Bleeker

WS 0989 **Yellowtail kingfish**

*Seriola lalandi* Valenciennes

#### **Fish roe (including milt = soft roe) and edible offal of fish**

##### **Class B**

**Type 8** **Aquatic animal products** **Group 043**

**Group Letter Code WR for the roe**

**Group Letter Code WL for liver and other edible fish offal**

Fish roes are the edible reproductive bodies of several species of fish. Of some of these only the "hard roe", the female reproductive body, is used whereas both the "hard" and "soft" roe (milt) of other species is marketed.

The term roe used in the commodity description includes if relevant both types of roe.

The liver of some species is used as such for human consumption or for production of liver oils (e.g. cod liver oil).

Exposure to pesticides is through animal metabolism.

**Portion of the commodity to which the MRL applies (and which is analysed): Whole commodity.**

See for scientific species or family names and subgroup description Group 040-042. The relevant group is indicated after the commodity name with (f) freshwater fishes, (d) diadromous fishes and (m) marine fishes.

Group 043 is divided in two subgroups:

Subgroup 043A Fish roe (including milt= soft roe)

Subgroup 043B Edible offal of fish

---

**Group 043 Fish roe (including milt = soft roe) and edible offal of fish**

---

<u>Code No.</u>	<u>Commodity</u>
WR 0140	<b>Group of Fish roe ( including milt= soft roe) and edible offal of fish</b> (includes all commodities in group 043)

---

**Subgroup 043A Fish roe (including milt= soft roe)**

---

<u>Code No.</u>	<u>Commodity</u>
WR 3730	<b>Subgroup of Fish roe ( including milt= soft roe)</b> (includes all commodities in subgroup 043A)
WR 0121	<b>Salmon roe, Pacific (d)</b>
WR 0922	<b>Bluefish, roe (m)</b>
WR 0927	<b>Cod, roe (m)</b>
WR 0930	<b>Dolphinfish, roe (m)</b>
WR 0932	<b>Flounder, roe (m)</b>
WR 0937	<b>Herring, roe (m)</b>
WR 0941	<b>Mackerel, roe (m)</b>
WR 0943	<b>Mullet, roe (m)</b>
WR 0893	<b>Salmon roe, Atlantic (d)</b>
WR 0894	<b>Shad, roe (d)</b>
WR 0896	<b>Sturgeon, roe (d)</b>

---

**Subgroup 043B Edible offal of fish**

---

<u>Code No.</u>	<u>Commodity</u>
WL 3731	<b>Subgroup of edible offal of fish</b> (includes all commodities in subgroup 043B)
WL 0927	<b>Cod, liver (m)</b>
WL 1310	<b>Fish, skin</b>
WL 1311	<b>Fish, swim bladder</b>
WL 0131	<b>Shark, liver (m)</b>



**Marine mammals****Class B****Type 8                      Aquatic animal products                      Group 044                      Group Letter Code WM**

The muscle and other product originating from various species of marine mammals are ~~still~~ consumed in some areas of the world. ~~However, by a majority of countries around the world, the hunting of sea mammals is considered controversial and a ban on commercial whaling is recognized.~~

**NOTE:** Sentence deleted based on comment by Japan that the text Japan proposes to delete is not related to pesticide residues.

Exposure to pesticides is by consumption of contaminated prey or through water pollution.

The entire commodity except the bones and other inedible parts may be consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as marketed, without bones. For fat-soluble pesticides a portion of the fat is analysed and MRLs apply to the fat.**

Two subgroup are defined

Subgroup 044A Marine mammalian muscle

Subgroup 044B Fat of marine mammals, unprocessed

**Group 044                      Marine mammalian products**

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
WM 0141	<b>Group of Marine mammalian products</b> (includes all commodities in group 044)

**Subgroup 044A Marine mammalian muscle**

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
WM 3740	<b>Subgroup of Marine mammalian muscle</b> (includes all commodities in subgroup 044A)
WM 0970	<b>Dolphins, muscle</b> spp. of the family <i>Delphinidae</i>
-	<b>Dolphin, bottlenose, muscle</b> , see Dolphins, , WM 0970 <i>Tursiops truncatus</i> (Mont.)
-	<b>Dolphin, humpback, muscle</b> , see Dolphins, WM 0970
-	<b>Dolphin, spinner, muscle</b> , see Dolphins, WM 0970 <i>Stenella longirostris</i>
-	<b>Porpoise, muscle</b> , see Whales, WM 0972 <i>Phocaena phocaena</i>
-	<b>Sea-lions, muscle</b> , see Seals, WM 0971 <i>Otaria</i> spp.; <i>Eumetopius</i> spp.; <i>Zalophus</i> spp. (all Pacific Ocean)
WM 0971	<b>Seals, muscle</b> spp. of the families <i>Otariidae</i> , <i>Phocidae</i> and <i>Trichechidae</i> . syn: <i>Odobenidae</i>

- **Seal, common, muscle**, see Seals, WM 0971  
*Phoca vitulina*
- **Seals, eared, muscle**, see Seals, WM 0971  
*Otariidae* spp.
- **Seals, earless, muscle**, see Seals, WM 0971  
*Phocidae* spp.
- **Seals, fur, muscle**, see Seals, WM 0971  
*Arctocephalus pusillus* (South Africa);  
*A. australis* (South America, Australia);  
*Callorhinus ursinus* (North Atlantic)
- **Seal, grey, muscle**, see Seals, WM 0971  
*Halichoerus grypus* (North Atlantic)
- **Seal, harp, muscle**, see Seals WM 0971  
*Pagophilus groenlandicus* (North Atlantic)
- **Seal, hooded, muscle**, see Seals, WM 0971  
*Cystophora cristata* (North Atlantic)
- **Seal, ringed, muscle**, see Seals, WM 0971  
*Phoca hispida* (North Atlantic)
- WM 0972 **Whales, muscle**  
spp. of the zoological order of the *Cetacae*
- **Whales, Baleen, muscle**, see Whales WM 0972  
spp. of the family *Balaenopteridae* (Sub-order *Mystacoceti*)
- **Whale, blue, muscle**, see Whales, WM 0972  
*Balaenoptera musculus*
- **Whale, false killer, muscle**, see Whales, WM 0972  
*Pseudorca crassidens*
- **Whale, fin, muscle**, see Whales, WM 0972  
*Balaenoptera physalus*
- **Whale, humpback, muscle**, see whales, WM 0972  
*Megaptera novaeangliae*
- **Whale, killer, muscle**, see Whales, WM 0972  
*Orcinus orca*
- **Whale, Minke, muscle**, see Whales, WM 0972  
*Balaenoptera acutorostrata*
- **Whale, Sei, muscle**, see Whales, WM 0972  
*Balaenoptera borealis*
- **Whale, short-finned pilot, muscle**, see Whales, WM 0972  
*Globicephala macrorhynchus*

- **Whale, sperm, muscle**, see Whales, WM 0972  
*Physeter catodon*
- **Whales, toothed, muscle**, see Whales, WM 0972  
spp. of the families *Physeteridae*, *Ziphiidae* and *Orcinus orca* (family *Delphinidae*)

#### Subgroup 044B Fat of marine mammals

---

<u>Code No.</u>	<u>Commodity</u>
WM 3741	<b>Subgroup of fat of marine mammals, unprocessed</b> (includes all commodities in subgroup 044B)
WM 1312	<b>Dolphins, fat, unprocessed</b>
WM 1313	<b>Seals, fat, unprocessed</b>
WM 1314	<b>Whales, fat, unprocessed</b>

#### Crustaceans

##### Class B

**Type 8**                      **Aquatic animal products**                      **Group 045**                      **Group Letter Code WC**

Crustaceans are aquatic animals of various species, wild or cultivated, which have an inedible chitinous outer shell.

A small number of species live in fresh water, but most of species live in brackish water and/or in the sea.

Exposure to pesticides is through animal metabolism or water pollution.

Crustaceans are prepared for wholesale or retail distribution at a "raw" stage, often still live, "raw" and deep-frozen, or cooked directly after catching and deep-frozen. Shrimps or prawns may also be parboiled and thereafter deep-frozen.

Although the cooked or parboiled crustaceans should be regarded as processed foods, the animals of this group are primarily classified in the Chapter on Primary food commodities, type 8: Aquatic animal products, since several crustaceans are also marketed in a "raw" form, i.e. not exposed to temperatures sufficiently high to coagulate the protein at the surface. A short reference to processed Crustaceans is given at type 17: Derived edible products of animal origin, Group 084 Crustaceans, processed.

The entire commodity except the shell may be consumed: the "raw" commodities, in general, after cooking.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity (especially with the small sized species) or the meat without the outer shell, as prepared for wholesale and retail distribution.**

#### Group 045                      Crustaceans

---

<u>Code No.</u>	<u>Commodity</u>
WC 0143	<b>Group of Crustaceans</b> (includes all commodities of group 045)
WC 0973	<b>Barnacles</b> <i>Cirripedia</i> subclass
WC 0146	<b>Crabs</b> According to Codex Stan. 90-1981 edible species of the sub-order <i>Brachyura</i> of the order of the <i>Decapoda</i> and the species of the family <i>Lithodidae</i> (= King Crabs), <i>Scylla</i> spp. (Mud Crabs)
--	<b>Freshwater crabs</b> , see crabs, WO 0146

Sub-order *Brachyura*~~Crab, Chinese mitten, see crabs, WO 0146~~~~*Eriocheir sinensis* Milne-Edwards~~- **Crab, blue**, see crabs, WO 0146*Callinectes sapidus* Rathbun~~Crab, Chinese mitten, see crabs, WO 0146~~~~*Eriocheir sinensis* Milne-Edwards~~- **Crab, edible**, see crabs, WO 0146*Cancer pagurus* L.~~Crab, mud, see crabs, WO 0146~~~~*Scylla* spp.~~~~Crab, red King, see crabs WO 0146~~~~*Paralithodes camtschaticus* Tilesius~~~~Crab, swimming, see crabs WO 0146~~~~Species belong to the *Portunidae* family~~- **Crab, tanner**, see crabs, WO 0146*Chionoecetes* spp.~~Crab, mud, see crabs, WO 0146~~~~*Scylla* spp.~~~~Crab, red King, see crabs WO 0146~~~~*Paralithodes camtschaticus* Tilesius~~~~Crab, swimming, see crabs WO 0146~~~~Species belong to the *Portunidae* family~~

WC 0976

**Freshwater crayfishes***Astacus* spp. (Europe);*Procambarus* spp. (USA);*Eustacus* spp. (Australia)

WC 0144

**Freshwater crustaceans***Astacus* spp. (Europe),*Procambarus* spp. (USA);*Macrobrachium* spp. (Asia, Australia, South and Middle America);species of the family *Palaemonidae*

WC 0977

**Freshwater shrimps or prawns**, see note 2*Palaemon* spp.; *Macrobrachium* spp.; *Cherax* spp.

-

**Langouste**, see Spiny Lobster

WC 0978

**Lobsters**

According to Codex Stan. 95-1981 include

*Homarus* spp., family of *Nephropsidae* and spp. of the families *Palinuridae* and *Scyllaridae*,

i.e., Spiny lobsters and Slipper lobsters

- **Lobster, American**, see Lobsters, WC 0978

*Homarus americanus*

- **Lobster, European**, see Lobsters, WC 0978

*Homarus gammarus* L.;

syn: *Cancer gammarus* L.

- **Lobster, Norway**, see Lobsters, WC 0978

*Nephrops norvegicus* L.;

syn: *Cancer norvegicus* L. see also note 1

WC 0145

**Marine crustaceans**

All species mentioned in this group, except those recorded as Freshwater Crustaceans

- **Prawns**, see Shrimps or Prawns, WC 0979

- **Prawn, banana**, see Shrimps or Prawns, WC 0979

*Penaeus merguensis* (Australia, Indo-Pacific)

- **Prawn, brown tiger**, see Shrimps or Prawns, WC 0979

*Penaeus esculentus* (Australia)

- **Prawn, caramote**, see Shrimps or Prawns, WC 0979

*Penaeus kerathurus* Forskal (Mediterranean)

- **Prawn, Chinese**, see Shrimps or Prawns, WC 0979

*Fenneropenaeus chinensis* Osbeck

- **Prawn, common**, see Shrimps or Prawns, WC 0979

*Palaemon serratus* Pennant (Europe, Mediterranean)

- **Prawn, eastern king**, see Shrimps or Prawns, WC 0979

*Penaeus plebejus* (Australia, Indo-Pacific)

- **Prawn, endeavour**, see Shrimps or Prawns, WC 0979

*Penaeus endeavouri* (Australia)

- **Prawn, giant tiger**, see Shrimps or Prawns, WC 0979

*Penaeus monodon* (Australia, Indo-Pacific)

- **Prawn, green tiger**, see Shrimps or Prawns, WC 0979

*Penaeus semisulcatus* (Indo-Pacific)

- **Prawn, Japanese king**, see Shrimps or Prawns, WC 0979

*Penaeus japonicus* (Asia)

- **Prawn, Kuruma**, see Shrimps or Prawns, WC 0979

- **Prawn, northern**, see Shrimps or Prawns, WC 0979

*Penaeus borealis* (Northern Atlantic)

- **Prawn, Oriental**, see Shrimps or Prawns, WC 0979

*Exopalaemon carinicauda* Holthuis

- **Prawn, western king**, see Shrimps or Prawns, WC 0979

*Penaeus latisulcatus* (Australia, Indo-Pacific)

- **Rock lobster**, see Lobsters, WC 0978

*Jasus* spp. (family *Palinuridae*)

- WC 0979            **Shrimps or Prawns**, see note 2
- According to Codex Stan. 37-1981 and 92-1981 include spp. of the families *Crangonidae*  
*Palaemonidae*, see note 3, *Pandalidae* and *Penaidae*
- **Shrimp, common**, see Shrimps or Prawns, WC 0979
- Crangon crangon* L. ;  
syn: *C. vulgaris* Fabr. (Europe, Mediterranean)
- **Shrimp, deepwater rose**, see Shrimps or Prawns, , WC 0979
- Parapenaeus longirostris* Lucas (Atlantic)
- WS 0974            **Shrimp, mantis**
- Species belonging to the order of Stomatopoda
- **Shrimp, Metapenaeus**, see Shrimps or Prawns, WC 0979
- Metapenaeus* spp.
- **Shrimp, northern brown**, see Shrimps or Prawns, WC 0979
- Penaeus aztecus* (USA)
- **Shrimp, northern pink**, see Shrimps or Prawns, WC 0979
- Penaeus notialis*;  
syn: *P. duorarum* (USA, West Africa)
- **Shrimp, northern white**, see Shrimps or Prawns, WC 0979
- Penaeus sertiferus* (USA)
- **Shrimp, white**, see Shrimps or Prawns , WC 0979
- Penaeus vannamei* Boone
- **Slipper lobster**, see Lobsters, WC 0978
- spp. of the family *Scyllaridae*
- **Spiny lobster**, see Lobsters, WC 0978
- Palinurus vulgaris* Latreille, other *Palinurus* spp.
- WC 0975            **Squat lobster**
- Cervimunida* spp.

**Note 1:** In some countries, species such as the Norway lobster (*Nephrops norvegicus* L.) are included in the commodity "Prawns" with some qualifying designation, such as Dublin Bay Prawn or Prawn of Bantry Bay (both Ireland). The Codex Stan. 92-1981 on Quick Frozen Shrimps and Prawns does not prevent this practice, provided that the designation on the label ensures that the consumer will not be misled.

**Note 2:** There is no clear-cut distinction between Shrimps and Prawns. In several countries the commodity name Shrimps is used for the small species whereas the slightly larger ones are called Prawns. However, a species marked in certain regions of the world as "Prawn" may be called in the local English language in other areas a shrimp and visa versa, e.g., *Pandalus borcalis* is called Northern prawn or Deepwater prawn in the United Kingdom and the same species is named Pink shrimp in Canada. In Australia only the name Prawn is used for animals included in this commodity.

**Note 3:** Not including the freshwater species of the *Palaemonidae*.

**TYPE 9                    AMPHIBIANS AND REPTILES****Frogs, lizards, snakes and turtles****Class B****Type 9                    Amphibians and reptiles                    Group 046                    Group Letter Code AR**

Frog, lizard, snake, crocodile and turtle products are the edible parts from various animal species of the zoological classes Amphibia and Reptilia, usually wild, harvested for food. Some frog species are cultivated in a few European and Asian countries and to a small extent in the USA and marked in the form of deep-frozen frog legs. The wild species are marketed in the same manner.

A few turtle species are raised from eggs or hatchlings in some tropical countries, especially the Green Turtle.

Exposure to pesticides is through animal metabolism.

The entire product, except the bones and the bony or horny outer shell (turtles) [or venom glands](#), may be consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as marketed without bones or the outer shell [or venom glands](#).**

**Five subgroups are defined**

Subgroup 046A	Crocodiles
Subgroup 046B	Frogs
Subgroup 046C	Lizards
Subgroup 046D	Snakes
Subgroup 046E	Turtles

**Group 046                    Amphibians and reptiles**

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
AR 0148	<b>Group of Amphibians and reptiles</b> (includes all commodities in group 046)

**Subgroup 046A Crocodiles**

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
AR 0989	<b>Subgroup of Crocodiles</b> (includes all commodities in subgroup 046A) <i>Crocodylus</i> spp.

**Subgroup 046B Frogs**

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
AR 0990	<b>Subgroup of Frogs</b> (includes all commodities in subgroup 046B) <i>Rana</i> spp.; especially <i>Rana catesbeiana</i> ; <i>R. esculenta</i> L. ; <i>R. dactyla</i> Lesson ; <i>R. ridibunda</i> Pall.; <i>R. tigrina</i> other spp. of the family <i>Ranidae</i>
-	<b>Bullfrog</b> , see Subgroup of Frogs, AR 0990

*Rana catesbeiana*; *R. tigrina*

- **Bullfrog, Indian**, see Subgroup of Frogs, AR 0990

*Rana tigrina*

- **Frog, agile**, see Subgroup of Frogs, AR 0990

*Rana dalmatina* Bonap.

- **Frog, common**, see Subgroup of Frogs, AR 0990

*Rana temporaria* L.

- **Frog, edible**, see Subgroup of Frogs, AR 0990

*Rana esculenta* L.

- **Frog, marsh**, see Subgroup of Frogs, AR 0990

*Rana ridibunda* Pall.

- **Frog, pool**, see Subgroup of Frogs, AR 0990

*Rana lessonae* Camer

#### Subgroup 046C Lizards

---

##### Code No.

##### Commodity

AR 0991

**Subgroup of Lizards**

(includes all commodities in subgroup 046C)

Species of the zoological suborder *Lacertilia*

#### Subgroup 046D Snakes

---

##### Code No.

##### Commodity

AR 0992

**Subgroup of Snakes**

(includes all commodities in subgroup 046D)

Several spp. of the zoological clade *Ophidia*

#### Subgroup 046E Turtles

---

##### Code No.

##### Commodity

AR 0993

**Subgroup of Turtles**

(includes all commodities in subgroup 046E)

Species of the zoological clade *Testudines*

- **Turtle, green**, see Subgroup of Turtles, AR 0993

*Chelone midas* L.;

syn: *Ch. viridis* Schneid.

- **Turtle, hawksbill**, see Subgroup of Turtles, AR 0993

*Eretmochelys imbricata*

- **Turtle, loggerhead**, see Subgroup of Turtles, AR 0993

*Caretta caretta* L.;



syn: *Thalassochelys caretta* L.

- **Turtle, soft-shelled**, see Subgroup of Turtles, AR 0993

*Pelodiscus sinensis* Wiegmann

## **TYPE 10                    INVERTEBRATE ANIMALS**

Invertebrate animals are cold-blooded animals without a vertebral column, or spine. Invertebrate animals can live on land or in water.

### **Molluscs and various other invertebrate animals**

#### **Class B**

#### **Type 10                    Invertebrate animals Group 047                    Group Letter Code IM**

Molluscs are aquatic or land animals of various species, wild or cultivated, which have an inedible outer or inner shell.

The edible aquatic Molluscs live mainly in brackish water or in the sea; several species are cultivated. A few edible species of land snails are cultivated.

Exposure to pesticides is through animal metabolism: the aquatic species also through water contamination.

The entire commodity except the outer or inner shell may be consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity after removal of shell.**

Four subgroups are defined:

Subgroup 047A	Bivalves
Subgroup 047B	Cephalopods
Subgroup 047C	Sea and freshwater snails
Subgroup 047D	Snails and slugs
Subgroup 047E	Various other invertebrate animals

---

#### **Group 047                    Molluscs and various other invertebrate animals**

---

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
IM 0150	<b>Group of Molluscs and various other invertebrate animals</b> (includes all commodities in group 047)

---

#### **Subgroup 047A Bivalves**

---

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
IM 0151	<b>Subgroup of bivalves</b> (includes all commodities in subgroup 47A)
IM 1000	<b>Clams</b> Species of the families <i>Arcidae; Mactridae; Veneridae</i>
-	<b>Clam, ark, see Clams IM 1000</b> Species of the <i>Arcidae</i> family
IM 1011	<b>Clam, razor</b>

*Solen marginatus* T. Pennant

IM 1001

**Cockles**

*Cardium edule* L.; other *Cardium* spp.

-

**Cockle, common**, see Cockles IM 1001

*Cardium edule* L

IM 1012

**Geoduck, Pacific**

*Panopea generosa* Gould

IM 1003

**Mussels**

*Mytilus edulis* L. (Europe);

*M. galloprovincialis* Lam. (Mediterranean);

[M. smaragdinus \(Asia\); other \*Mytilus\* spp.](#) [Perna viridis](#)

[Perna canaliculus](#)

IM 1013

**Mussels, freshwater**

Species belonging to the *Unionidae* family

IM 1004

**Oysters (including Cupped oysters)**

*Ostrea edulis* L.; other *Ostrea* spp.; *Crassostrea angulata* Lam.;

syn: *Gryphaea angulata* Lam.; *Crassostrea gigas*;

*C. virginica*; other *Crassostrea* spp.

-

**Oyster, American cupped**, see Oysters IM 1004

*Crassostrea virginica* (American)

-

**Oyster, European**, see Oysters IM 1004

*Ostrea edulis* L.

-

**Oyster, Pacific cupped**, see Oysters IM 1004

*Crassostrea gigas* (Asia, Canada)

-

**Oyster, Portuguese cupped**, see Oysters IM 1004

*Crassostrea angulata* Lam.;

syn: *Gryphaea angulata* Lam. (S.W. Europe)

-

**Oyster, Sydney rock**, see Oysters (including Cupped Oysters) IM 1004

*Crassostrea commercialis* (Australia)

IM 1005

**Scallops**

*Pecten* spp.; *Placopecten* spp.;

*Argopecten* sp.

-

**Scallop, Australian**, see Scallops IM 1005

*Pecten meridionalis* (Australia)

-

**Scallop, bay**, see Scallops IM 1005

[Scallop, Iceland, see Scallops IM 1005](#)

[Chlamys islandica](#)

*Argopecten irradians* (N. America)

- **Scallop, giant pacific**, see Scallops IM 1005  
*Pecten caurinus* (America)
- **Scallop, great**, see Scallops IM 1005  
*Pecten maximus* (L.) (W. Europe, Mediterranean)
- **Scallop, New Zealand**, see Scallops IM 1005  
*Pecten novaezealandiae* (New Zealand)
- ~~Scallop, Sea~~, see Scallops IM 1005
- **Scallop, queen**, see Scallops IM 1005  
*Pecten opercularis* (L.);  
syn: *Chlamys opercularis* L. (W. Europe)
- **Scallop, sea**, see Scallops IM 1005  
*Placopecten magellanicus* (N. America)

#### Subgroup 047B Cephalopods

---

<u>Code No.</u>	<u>Commodity</u>
IM 0152	<b>Subgroup of Cephalopods</b> (includes all commodities in subgroup 47B)
IM 1002	<b>Cuttlefishes</b> <i>Sepia officinalis</i> L.; <i>S. elegans</i> d'Orbigny; other <i>Sepia</i> spp.; <i>Sepiolo atlantica</i> d'Orbigny; <i>S. rondeleti</i> Leach
-	<b>Cuttlefish, common</b> , see Cuttlefishes IM 1002 <i>Sepia officinalis</i> L.
-	<b>Little cuttle</b> , see Cuttlefishes IM 1002 <i>Sepiolo atlantica</i> d'Orbigny; <i>S. rondeleti</i> Leach
IM 1014	<b>Octopuses</b> <i>Octopus vulgaris</i> Lam.; <i>Eledone cirrhosa</i> Lam.; <i>E. moschata</i> Lam.
-	<b>Octopus, common</b> , see Octopuses IM 1014 <i>Octopus vulgaris</i> Lam.
-	<b>Octopus, curled</b> , see Octopuses IM 1014 <i>Eledone cirrhosa</i> Lam.
-	<b>Octopus, musky</b> , see Octopuses IM 1014 <i>Eledone moschata</i> Lam.
IM 1008	<b>Squids</b> <i>Loligo forbesi</i> Steensrup; <i>L. vulgaris</i> Lam.; other <i>Loligo</i> spp. <i>Allotheuthis subulata</i> lam;

*Ommastrephes sagittatus* Lam.;  
 syn: *Todarodes sagittatus* Lam.; *T. pacificus*;  
*Illex illecebrosus*, other *Illex* spp.

- IM 1009      **Squid, common**, see Squids IM 1008  
                   *Loligo forbesi* Steenstrup
- **Squid, European flying**, see Squids IM 1008  
                   *Ommastrephes sagittatus* Lam. ;  
                   syn: *Todarodes sagittatus* Lam. (Europe)
- **Squid, Japanese flying**, see Squids IM 1008  
                   *Todarodes pacificus* (Asia)
- **Squid, short-finned**, see Squids IM 1008  
                   *Illex illecebrosus*

#### Subgroup 047C Sea and freshwater snails

---

<u>Code No.</u>	<u>Commodity</u>
IM 0153	<b>Subgroup of Sea and freshwater snails</b> (includes all commodities in subgroup 47C)
IM 1015	<b>Abalone</b> <i>Haliotis</i> spp
IM 1016	<b>Channeled whelk</b> <i>Busycon canaliculatum</i> L.
IM 1017	<b>Chinese mystery snail</b> <i>Cipangopaludina chinensis</i> Gray
IM 1018	<b>Commercial top shell</b> <i>Rochia nilotica</i> L.
IM 1019	<b>Limpets</b> <i>Patellidae</i> family
IM 1020	<b>Wavy turban</b> <i>Turbo fluctuosus</i> Wood

#### Subgroup 047D Snails and slugs

---

<u>Code No.</u>	<u>Commodity</u>
IM 0154	<b>Subgroup of Snails and slugs</b> (includes all commodities in subgroup 47D)
-	<b>Giant snail</b> , see Snails, edible (Africa, Asia) IM 1007 <i>Achatina fulica</i> fer.; <i>A. achatina</i> ; <i>Archachatina</i> spp.
IM 1007	<b>Snails, edible</b> <i>Helix</i> spp.; <i>Achatina</i> spp.

- **Snail, garden**, see Snails, edible IM 1007  
*Helix aspersa* Müller
- **Snail, giant**, see Snails, edible IM 1007  
*Achatina fulica* Fer.; *A. achatina*
- **Snail, Roman**, see Snails, edible IM 1007  
*Helix pomatia* L.

#### Subgroup 047E Various other invertebrate animals

---

<u>Code No.</u>	<u>Commodity</u>
IM 0155	<b>Subgroup of Various other invertebrate animals</b> (includes all commodities in subgroup 47E)
-	<b>Beche-de-mer</b> , see Sea-cucumbers IM 1010
IM 1021	<b>Earthworms</b> <i>Eisenia fetida</i> Savigny
IM 1010	<b>Sea-cucumbers</b> species of the zoological Order of the <i>Holothuroidea</i>
IM 1006	<b>Sea urchins</b> Species of the zoological Order of the <i>Echinoidea</i>
IM 1022	<b>Squirts, Sea</b> <i>Ascidacea</i> class species

#### Insects and spiders

##### Class B

##### **Type 10                      Invertebrate animals Group 048                      Group Letter Code IN**

Insects are wild-harvested, semi-domesticated or farmed. Several stages of the insects and spiders can be consumed: eggs, caterpillars, puppets and adults. Exposure to pesticides is through animal metabolism

Edible insects and spiders are rich in protein (dry matter), dietary fibre and beneficial fatty acids.

Insects have a exoskeleton made of chitin. The insect body consists of three parts; the head, thorax and abdomen, and insects contain three pairs of jointed legs, compound eyes and one pair of antennae.

Spiders have an exoskeleton. Their body is organized into two tagmata, called the prosoma, or cephalothorax, and the opisthosoma, or abdomen. Almost all adult arachnids have eight legs, however, mites are variable: as well as eight, there are adult mites with six or even four legs

The entire commodity may be consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as prepared for wholesale or retail distribution.**

Subgroup 048A              Spiders (Arachnida)

Subgroup 048B              Insects (Insecta)

---

**Group 048 Insects and spiders**

<u>Code No.</u>	<u>Commodity</u>
IN 0160	<b>Group of insects and spiders</b> (includes all commodities in group 048)

**Subgroup 048A Arachnida**

<u>Code No.</u>	<u>Commodity</u>
IN 0161	<b>Subgroup of arachnida</b> (includes all commodities in subgroup 48A)
IN 1030	<b>Araneae</b> Organisms belonging to the order of Araneae, e.g. spiders
IN 1031	<b>Ixodida</b> Organism belonging to the order of Ixodida, e.g. ticks

**Subgroup 048B Insecta**

<u>Code No.</u>	<u>Commodity</u>
IN 0162	<b>Subgroup of insects (insecta)</b> (includes all commodities in subgroup 48B)
IN 1035	<b>Blattodea</b> Organisms belonging to the order of Blattodea, e.g. termites and cockroaches
IN 1036	<b>Coleoptera</b> Organisms belonging to the order of Coleoptera, e.g. beetles and weevils
IN 1037	<b>Dermaptera</b> Organisms belong to the order of Dermaptera, e.g. earwigs
IN 1038	<b>Diptera</b> Organisms belonging to the order of Diptera, e.g. flies
IN 1039	<b>Ephemeroptera</b> Organisms belonging to the order of Ephemeroptera, e.g. mayflies
IN 1040	<b>Hemiptera</b> Organisms belonging to the order of Hemiptera, e.g. true bugs
IN 1041	<b>Hymenoptera</b> Organisms belonging to the order of Hymenoptera, e.g. ants, bees and wasps
IN 1042	<b>Lepidoptera</b> Organisms belonging to the order of Lepidoptera, e.g. butterflies and moths
IN 1043	<b>Mantodea</b> Organisms belong to the order of Mantodea, e.g. mantids
IN 1044	<b>Megaloptera</b> Organisms belonging to the order of Megaloptera, e.g. alderflies, dobsonflies, fishflies
IN 1045	<b>Odonata</b>

	Organisms belonging to the order of Odonata, e.g. dragonflies, damselflies
IN 1046	<b>Orthoptera</b>
	Organisms belonging to the order of Orthoptera, including Grasshoppers, Crickets, Gryllidae
IN 1047	<b>Phasmida</b>
	Organisms belonging to the order of Phasmida, e.g. walkingsticks
IN 1048	<b>Plecoptera</b>
	Organisms belonging to the order of Plecoptera, e.g. stoneflies
IN 1049	<b>Psocoptera</b>
	Organisms belonging to the order of Psocoptera, e.g. booklice
IN 1050	<b>Trichoptera</b>
	Organisms belonging to the order of Trichoptera, e.g. caddisflies

#### TYPE 10a MISCELLANEOUS PRIMARY FOOD COMMODITIES OF ANIMAL ORIGIN

Miscellaneous commodities are those commodities which do not meet the criteria for crop grouping. These criteria include (1) commodity's similar potential for pesticide residues, (2) similar morphology, (3) similar production practices, growth habits, etc., (4) edible portion, (5) similar GAP for pesticides uses, (6) similar residue behavior, and (7) to provide flexibility for setting subgroup tolerances. Due to the heterogeneous nature of miscellaneous commodities, no representative commodity will be established for miscellaneous groups.

Portion of commodity to which the MRL applies (and which is analysed): **Whole commodity as prepared for wholesale or retail distribution.**

#### Class B

Type 10a	Miscellaneous	Group 049	Group Letter Code MU
----------	---------------	-----------	----------------------

<b>Group 049</b>	<b>Miscellaneous primary food commodities of animal origin</b>		
------------------	--	--	--

---

MU 1070	<b>Honey</b>		
	According to Codex Stan. 12-1981 <sup>1</sup> honey is the natural sweet substance produced by honey bees from the nectar of plants or from secretions of living parts of plants or excretions of plant sucking insects on the living parts of plants, which the bees collect, transform by combining with specific substances of their own, deposit, dehydrate, store and leave in the honey comb to ripen and mature.		
MU 1071	<b>Honeycomb</b>		
MU 1072	<b>Pollen, bee</b>		
	<i>alternative name bee bread</i>		
MU 1073	<b>Propolis</b>		
	<i>alternative name bee glue</i>		
MU 1074	<b>Royal jelly</b>		

**APPENDIX II**

**REVISION OF THE CLASSIFICATION OF FOOD AND FEED:  
CLASS E: PROCESSED FOODS OF ANIMAL ORIGIN**

**CLASS E PROCESSED FOODS OF ANIMAL ORIGIN**

Definition, see Class D.

**TYPE 16 SECONDARY FOOD COMMODITIES OF ANIMAL ORIGIN**

The term “secondary food commodity” means a “primary food commodity” which has undergone simple processing, such as removal of certain portions, drying, and comminution, which do not basically alter the composition or identity of the commodity.

Secondary food commodities may be processed further, or used as ingredients in the manufacture of food, or sold directly to the consumer.

This type of processed food includes groups of processed primary food commodities of animal origin which have undergone simple processing, such as processed mammalian muscle and poultry muscle, fishes and other aquatic animals, e.g. dried muscle, dried fish.

**Dried muscle and dried fish products**Class E**Type 16 Secondary food commodities of animal origin****Group 080 Group Letter Code MD**

Group 080. Dried muscle and dried fish products, includes natural or artificial dried muscle products and dried fish, marine or freshwater. Most of the dried fishes are naturally dried (wind and sun). For convenience other marine animals, whether or not fishes or Crustaceans, are classified in this group.

The entire commodity may be consumed, either as such or after processing (e.g. dried fish).

Portion of commodity to which the MRL applies (and which is analysed): **Whole commodity as prepared for wholesale or retail distribution.**

This Group is divided into 3 subgroups:

080A Dried muscle (from mammals other than marine mammals)

080B Dried fish

080C Dried Echinoderms

---

**Group 080 Dried muscle, fish products and echinoderms**


---



---

**Subgroup 080A Dried Muscle (from mammals other than marine mammals)**


---

Code No.                      Commodity



MD 0095	<b>Subgroup of dried muscle (from mammals other than marine mammals)</b> (includes all commodities in this subgroup)
MD 3700	<b>Bovine muscle, dried (including dried and smoked)</b> (see subgroup 030A (Code MM 3700) for species included in the group of bovine)
MD 3701	<b>Camelid muscle, dried (including dried and smoked)</b> (see subgroup 030B (Code MM 3701) for species included in the group of camelid)
MD 3702	<b>Caprine muscle, dried (including dried and smoked)</b> (see subgroup 030C (Code MM 3702) for species included in the group of caprine)
MD 0812	<b>Cattle muscle, dried (including dried and smoked)</b>
MD 3703	<b>Cervine muscle, dried (including dried and smoked)</b> (see subgroup 030D (Code MM 3703) for species included in the group of cervine)
MD 3704	<b>Equine muscle, dried (including dried and smoked)</b> (see subgroup 030E (Code MM 3704) for species included in the group of equine)
MD 0814	<b>Goat muscle, dried (including dried and smoked)</b>
MD 0816	<b>Horse muscle, dried (including dried and smoked)</b>
MD 3705	<b>Ovine muscle, dried (including dried and smoked)</b> (see subgroup 030F (Code MM 3705) for species included in the group of ovine)
MD 0818	<b>Pig muscle, dried (including dried and smoked)</b>
MD 3706	<b>Swine muscle, dried (including dried and smoked)</b> (see subgroup 030G (Code MM 3706) for species included in the group of swine)
MD 3707	<b>Various other Mammalian muscle, dried (including dried and smoked)</b> (see subgroup 030H (Code MM 3707) for species included in the group of various other mammalian muscle)

---

**Subgroup 080B Dried fish**


---

<u>Code No.</u>	<u>Commodity</u>
MD 3742	<b>Subgroup of dried fish</b> (includes all commodities in this subgroup)
MD 0927	<b>Cod, dried</b>
MD 0929	<b>Dab or Common dab, dried</b>
MD 0120	<b>Diadromous fish, dried</b> (See Class B, Group 041 for commodities in this subgroup)
MD 0127	<b>Flat-fishes, dried</b>

(see Class B, Group 042B for commodities in this subgroup)

MD 0115	<b>Freshwater fish, dried</b> (See Class B, Group 040 for commodities in this subgroup)
MD 0935	<b>Hakes, dried</b>
MD 0936	<b>Halibut, dried</b>
MD 0940	<b>Ling, dried</b>
MD 0125	<b>Other Marine fish, dried</b> (See Class B, Group 042G for commodities in this subgroup)
MD 0126	<b>Stockfish (= dried Cod and Cod-like fishes), dried</b>

(see Class B, Group 042A, for commodities in this subgroup)

#### **Subgroup 080C Dried Echinoderms**

<u>Code No.</u>	<u>Commodity</u>
MD 3743	<b>Subgroup of dried echinoderms</b> (includes all commodities in this subgroup)
-	<b>Beche-de-mer, dried</b> , see Sea-cucumbers, dried, see MD 1010
MD 1010	<b>Sea cucumber, dried</b>

#### Class E

<b>Type 16</b>	<b>Secondary food commodities of animal origin</b>
	<b>Group 081 Group Letter Code AD</b>

Group 081. Dried muscle of avians and other avian products, includes natural or artificial dried muscle products and egg products from eggs.

The entire commodity may be consumed, either as such or after processing (e.g. egg yolk in pastry).

Portion of commodity to which the MRL applies (and which is analysed): **Whole commodity as prepared for wholesale or retail distribution.**

#### **Group 081 Dried avian muscle and other avian products**

<b>Code No.</b>	<b>Commodity</b>
AD 0110	<b>Dried avian Muscle</b> (see group 36 for avian species)
AD 0840	<b>Chicken egg, powder</b>
AD 3745	<b>Chicken egg, white</b>
AD 3746	<b>Chicken egg, white, dried</b>
AD 3747	<b>Chicken egg, yolk</b>
AD 3748	<b>Chicken egg, yolk, dried</b>
AD 3750	<b>Chicken muscle, dried (including dried and smoked)</b>

AD 3752	<b>Other avian eggs, powder</b> , see group 39 for commodities in this subgroup
AD 3753	<b>Other avian eggs, white</b> , see group 39 for commodities in this subgroup
AD 3754	<b>Other avian eggs, white, dried</b> see group 39 for commodities in this subgroup
AD 3755	<b>Other avian egg, yolk</b> see group 39 for commodities in this subgroup
AD 3756	<b>Other avian egg, yolk, dried</b> see group 39 for commodities in this subgroup
AD 0848	<b>Turkey muscle, dried (including dried and smoked)</b>

### Secondary milk products

#### Class E

#### **Type 16                      Secondary Food Commodities of animal origin    Group 082                      Group Letter Code LS**

Group 082, secondary milk products, includes milk products which have undergone simple processing such as removal or part removal of certain ingredients e.g. water, milk fat etc. The group and the commodities therein will only be used for pesticides which are not partitioned exclusively or nearly exclusively into the milk fat.

The recommended system for expressing the MRLs for the fat-soluble pesticides in milk and milk products is explained in the introduction to CAC/Vol. XIII-Ed. 2.

The group includes among others the following commodities as defined in the relevant Codex Standards, see CAC/Vol. XVI-Ed.1 (1984). The reference no. of the standard is indicated between brackets.

Milk powders (whole, skimmed and partly skimmed) (Standard A-5 1971); evaporated milks (whole, skimmed) (Standard A-3 1971); skimmed milk.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity.**

#### **Group 082                      Secondary milk products**

---

<b>Code No.</b>	<b>Commodity</b>
LS 0106	<b>Group of Secondary Milk Products</b>

#### Class E

#### **Type 16                      Secondary invertebrate food commodities of animal origin** **Group 083    Group Letter Code IV**

Group 083. Dried invertebrate products, including dried bivalves, cephalopods and insect products.

The entire commodity may be consumed, either as such or after processing (e.g. dried).

Portion of commodity to which the MRL applies (and which is analysed): **Whole commodity as prepared for wholesale or retail distribution.**

**This Group is divided into 6 subgroups:**

083A	Bivalves, dried
------	-----------------

083B	Cephalopods, dried
083C	Insects, dried
083D	Crustaceans, dried
083E	Sea and freshwater snails, dried
083F	Amphibiens and reptiles, dried

---

**Group 083** Secondary invertebrate food commodities of animal origin

---

[Subgroup 083A Bivalves, dried](#)

---

~~Subgroup 083A—Bivalves, dried~~

---

<u>Code No.</u>	<u>Commodity</u>
IV 0151	<b>Subgroup of bivalves, dried</b> (See Class B, Group 047A for commodities in this subgroup) <b>(includes all commodities in this subgroup)</b>
IV 1000	<b>Clams, dried</b>
-	- <b>Clam, hort necked, <a href="#">dried</a>, see IV 1000 Clams, dried</b>
-	- <b>Clam, razor, dried, see IV 1000 Clams, dried</b>
IV 1001	<b>Cockles, dried</b>
IV 1012	<b>Geoduck, Pacific, dried</b>
IV 1003	<b>Mussels, dried</b>
IV 1013	<b>Mussels, Freshwater, dried</b>
IV 1004	<b>Oysters (including Cupped oysters), dried</b>
IV 1005	<b>Scallops, <a href="#">dried</a></b>
-	- <b>Scallop, sea, see IV 1005</b>

[Subgroup 083B Cephalopods, dried](#)

---

~~Subgroup 083B—Cephalopods, dried~~

---

<u>Code No.</u>	<u>Commodity</u>
IV 0152	<b>Subgroup of Cephalopods, dried</b> (See Class B, Group 047B for commodities in this subgroup) <b>(includes all commodities in this subgroup)</b>
IV 1002	<b>Cuttlefishes, dried</b>
IV 1014	<b>Octopuses, dried</b>
IV 1008	<b>Squids, dried</b>

IV 1009 **Squid, Common, dried, see Squids IM 1008**

**Subgroup 083C Insects, dried**

<b>Code No.</b>	<b>Commodity</b>
IV <del>0160</del> 0162	<p><b>Subgroup of insects and spiders, dried</b></p> <p>—(includes all commodities in this subgroup) (See Class B, Group IN <del>0160</del>0162 for commodities in this subgroup)</p>
IV 1035	<p><b>Blattodea, dried</b></p> <p>Organisms belonging to the order of Blattodea, e.g. termites and cockroaches</p>
IV 1036	<p><b>Coleoptera, dried</b></p> <p>Organisms belonging to the order of Coleoptera, e.g. beetles and weevils</p>
IV 1037	<p><b>Dermaptera, dried</b></p> <p>Organisms belong to the order of Dermaptera, e.g. earwigs</p>
IV 1038	<p><b>Diptera, dried</b></p> <p>Organisms belonging to the order of Diptera, e.g. flies</p>
IV 1039	<p><b>Ephemeroptera, dried</b></p> <p>Organisms belonging to the order of Ephemeroptera, e.g. mayflies</p>
IV 1040	<p><b>Hemiptera, dried</b></p> <p>Organisms belonging to the order of Hemiptera, e.g. true bugs</p>
IV 1041	<p><b>Hymenoptera, dried</b></p> <p>Organisms belonging to the order of Hymenoptera, e.g. ants, bees and wasps</p>
IV 1042	<p><b>Lepidoptera, dried</b></p> <p>Organisms belonging to the order of Lepidoptera, e.g. butterflies and moths</p>
IV 1043	<p><b>Mantodea, dried</b></p> <p>Organisms belong to the order of Mantodea, e.g. mantids</p>
IV 1044	<p><b>Megaloptera, dried</b></p> <p>Organisms belonging to the order of Megaloptera, e.g. alderflies, dobsonflies, fishflies</p>
IV 1045	<p><b>Odonata, dried</b></p> <p>Organisms belonging to the order of Odonata, e.g. dragonflies, damselflies</p>
IV 1046	<p><b>Orthoptera, dried</b></p> <p>Organisms belonging to the order of Orthoptera, including Grasshoppers, Crickets, Gryllidae</p>
IV 1047	<p><b>Phasmida, dried</b></p> <p>Organisms belonging to the order of Phasmida, e.g. walkingsticks</p>
IV 1048	<p><b>Plecoptera, dried</b></p> <p>Organisms belonging to the order of Plecoptera, e.g. stoneflies</p>
IV 1049	<p><b>Psocoptera, dried</b></p> <p>Organisms belonging to the order of Psocoptera, e.g. booklice</p>

IV 1050	<b>Trichoptera, dried</b> Organisms belonging to the order of Trichoptera, e.g. caddisflies
---------	--

---

**Subgroup 080D Crustaceans, dried**


---

<u>Code No.</u>	<u>Commodity</u>
IV 0143	<b>Subgroup of crustaceans, dried</b> (includes all commodities in this subgroup) (See Class B, Group 045 for commodities in this subgroup)
IV 0979	<b>Shrimps or Prawns, dried</b> , see note 2 According to Codex Stan. 37-1981 and 92-1981 include spp. of the families <i>Crangonidae</i> <i>Palaemonidae</i> , see note 3, <i>Pandalidae</i> and <i>Penaidae</i>
-	<b>Prawn, Chinese, dried</b> , see IV 0979

---

**Subgroup 080E Sea and freshwater snails, dried**


---

<u>Code No.</u>	<u>Commodity</u>
IV 0153	<b>Subgroup of sea and freshwater snails, dried</b> ((includes all commodities in this subgroup) (See Class B, Group 047C for commodities in this subgroup)
IV 1007	<b>Freshwater snails, dried</b>
-	<b>Sea snails, dried</b> , see IV 1007

---

**Subgroup 080F Amphibians and reptiles, dried**


---

<u>Code No.</u>	<u>Commodity</u>
IV 0148	<b>Subgroup of amphibians and reptiles, dried</b> ((includes all commodities in this subgroup) (See Class B, Group 046 for commodities in this subgroup)
IV 0993	<b>Turtles, dried</b>

**TYPE 17 DERIVED EDIBLE PRODUCTS OF ANIMAL ORIGIN**

The term "Derived edible products" means foods or edible substances isolated from primary food commodities or raw agricultural commodities not intended for human consumption as such, using physical, biological and chemical processes.

This type includes processed (rendered or extracted, possibly refined and/or clarified) fats from mammals, including aquatic mammals, poultry and aquatic organisms such as fishes.

**Crustaceans, processed**
Class E
**Type 17 Derived edible products of animal origin**
**Group 084 Group Letter Code SC**

Group 084, Crustaceans, processed. Crustaceans are processed to a large extent before entering the national or international trade channels.

Crabs, lobsters and shrimps or prawns are in general cooked directly after catching. Thereafter either the animals are deep-frozen with or without shell, or the muscle without shell is canned, with or without a packing medium. The latter may consist of water, salt, lemon juice and sugars.

Shrimps or prawns may also be “parboiled” and thereafter deep-frozen.

According to the relevant Codex Standards, namely 92-1981, and 95-1981 “cooked” means heated for a period of time such that the thermal centre reaches a temperature adequate to coagulate the protein and “parboiled” means heated for a period of such time that the surface of the product reaches a temperature adequate to coagulate the protein at the surface but inadequate to coagulate the protein at the thermal centre.

The cooked commodities are in general subjected to deep-freezing directly after cooking or the cooking is part of the canning process.

The designation cooked after the commodity may include any of the processes mentioned except the parboiled and deep-frozen shrimps or prawns.

The entire commodity except the shell may be consumed.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity (especially with the small sized species) or the cooked muscle without shell as prepared for wholesale or retail distribution.**

For commodity description and scientific family or species names see Group 045, Crustaceans.

---

**Group 084      Crustaceans, processed**

---

<u>Code No.</u>	<u>Commodity</u>
SC 0143	<b>Group of Crustaceans, processed</b> (includes all commodities in this group)
SC 0144	<b>Freshwater crustaceans, cooked</b>
SC 0145	<b>Marine crustaceans, cooked</b>
SC 0146	<b>Crabmeat, cooked</b>
SC 0976	<b>Freshwater crayfishes, cooked</b>
SC 0977	<b>Freshwater shrimps or prawns, cooked</b>
SC 0978	<b>Lobsters (including Lobster muscle), cooked</b>
SC 0979	<b>Shrimps or Prawns, cooked</b>
SC 1220	<b>Shrimps or Prawns, parboiled</b>

---

**Group 085      Animal fats, processed**

---

**Animal fats, processed**

Class E

**Type 17                  Derived edible products of animal origin**

**Group 085 Group Letter Code FA**

The group 085, processed animal fats, includes rendered or extracted (possibly refined and/or clarified) fats from land and aquatic mammals and poultry and fats and oils derived from fishes.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as prepared for wholesale or retail distribution.**

This Group is divided into 4 subgroups:

085A Processed Fats from mammals (other than marine mammals)

085B Processed Fats from Marine mammals

085C Processed Fats from Avian species

085D Processed Fats from Fish species

---

**Group 085      Animal fats, processed**

---

<u>Code No.</u>	<u>Commodity</u>
FA 0101	<b>Group of Processed Animal Fats</b>

---

**Subgroup 085A Processed Fats from mammals other than marine mammals**

---

<u>Code No.</u>	<u>Commodity</u>
FA 0100	<b>Subgroup of processed fats from mammals (other than marine mammals)</b> (includes all commodities in this subgroup)
FA 3700	<b>Bovine tallow</b> (see subgroup 030A (Code MM 3700) for species included in the group of bovine)
FA 0810	<b>Buffalo tallow</b> <i>Bubalis bubalis</i> L.; <i>Syncerus caffer</i> Sparrman <i>Bison bison</i> L.
FA 0811	<b>Camel tallow</b> <i>Camelus bactrianus</i> L.; <i>C. dromedarius</i> L.; <i>Lama glama</i> L.; <i>L. pacos</i> L.
FA 3701	<b>Camelid tallow</b> (see subgroup 030B (Code MM 3701) for species included in the group of camelid)
FA 3702	<b>Caprine tallow</b> (see subgroup 030C (Code MM 3702) for species included in the group of caprine)
FA 0812	<b>Cattle tallow (including processed suet)</b>



*Bos taurus* L.;

see further Group 037, MM 0812

FA 3703 **Cervine tallow**

(see subgroup 030D (Code MM 3703) for species included in the group of cervine)

FA 3704 **Equine tallow**

(see subgroup 030E (Code MM 3704) for species included in the group of equine)

FA 0814 **Goat tallow**

*Capra hircus* L.; other *Capra* spp.

FA 0816 **Horse tallow**

*Equus caballus* L.

FA 0818 **Lard (of pigs)**

among others *Sus domesticus* Erxleben; other *Sus* spp. and ssp.

FA 3705 **Ovine tallow**

(see subgroup 030F (Code MM 3705) for species included in the group of ovine)

FA 0822 **Sheep tallow**

*Ovis aries* L.; other *Ovis* spp.

FA 3706 **Swine tallow**

(see subgroup 030G (Code MM 3706) for species included in the group of swine)

FA 3707 **Various other mammalian muscle tallow**

(see subgroup 030H (Code MM 3707) for species included in the group of various other mammalian muscle)

---

#### **Subgroup 085B Processed Fats from marine mammals**

---

**Code No.**

**Commodity**

FA 3741

**Subgroup of processed fats from marine mammals**

(includes all commodities in this subgroup)

FA 0972

**Whales, Blubber of, processed**

FA 0142

**Processed Fat (Blubber), of Whales, Dolphins and Seals**

---

#### **Subgroup 085C Processed Fats from Avian species**

---

**Code No.**

**Commodity**

FA 0111	<b>Subgroup of processed fats from avian species</b> (includes all commodities in this subgroup) (see Class B type 7 for commodities in this subgroup)
FA 0111	<b>Poultry fats, processed</b>
FA 0840	<b>Chicken fat, processed</b> <i>Gallus gallus</i> L.; other <i>Gallus</i> spp.
FA 0841	<b>Duck fat, processed</b> <i>Anas platyrhynchos</i> L.; other <i>Anas</i> spp.
FA 0842	<b>Goose fat, processed</b> <i>Anser anser</i> L.; other <i>Anser</i> spp.
FA 0848	<b>Turkey fat, processed</b> <i>Meleagris gallopavo</i> L.

---

**Subgroup 085D Processed Fats from Fish species**


---

<u>Code No.</u>	<u>Commodity</u>
FA 3744	<b>Subgroup of processed fats from fish species</b> (includes all commodities in this subgroup)
FA 0125	<b>Fish, oil</b>

---

**Group 086 Milk fats, processed**


---

**Milk fats**Class E**Type 17 Derived edible products of animal origin****Group 086 Group Letter Code FM**

Group 086. Milk fats are the fatty ingredients derived from the milk of various mammals.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity.**

---

**Group 086 Milk fats**


---

<u>Code No.</u>	<u>Commodity</u>
FM 0106	<b>Group of Milk Fats</b> (includes all milk fats in this group)
FM 3700	<b>Bovine milk fat</b> (see subgroup 030A (Code MM 3700) for species included in the group of bovine)
FM 0810	<b>Buffalo milk fat</b>

*Bubalis bubalis* L.;

*Syncerus caffer* Sparrman; *Bison bison* L.

FM 0811

**Camel milk fat**

*Camelus bactrianus* L.; *C. dromedarius* L.;

*Lama glama* L.; *L. pacos* L.

FM 3701

**Camelid milk fat**

(see subgroup 030B (Code MM 3701) for species included in the group of camelid)

FM 3702

**Caprine milk fat**

(see subgroup 030C (Code MM 3702) for species included in the group of caprine)

FM 0812

**Cattle milk fat**

*Bos taurus* L.; see further Group 037 no. MM 0812

FM 3703

**Cervine milk fat**

(see subgroup 030D (Code MM 3703) for species included in the group of cervine)

FM 3704

**Equine milk fat**

(see subgroup 030E (Code MM 3704) for species included in the group of equine)

FM 0814

**Goat milk fat**

*Capra hircus* L.; other *Capra* spp.

FM 0183

**Milk fats**

(from milk of Buffalo, Camel, Cattle, Goat or Sheep)

FM 3705

**Ovine milk fat**

(see subgroup 030F (Code MM 3705) for species included in the group of ovine)

FM 0822

**Sheep milk fat**

*Ovis aries* L.; other *Ovis* spp.

---

**Group 087 Derives milk products**

---

**Derived milk products**

Class E

**Type 17 Derived Edible Products of Animal Origin**

**Group 087 Group Letter Code LD**

---

Group 087: Derived milk products, includes food or edible substances isolated from the primary food commodity cattle milk, or milks from other mammals, using physical, biological and chemical processes. This group and the commodities therein will only be used if necessary for pesticides which are not partitioned exclusively or nearly exclusively into the milk fat. For further explanation, see Group 082.

This group include among others the following food commodities, as defined in the relevant Codex Standards, see CAC/Vol. XXI, Ed-1 (1984): Butter, whey butter, both in Standard A-1 (1971): Butteroil, anhydrous butteroil, both in Standard A-2 (1973): Cream, Standard A-9 (1976): Cream powders (half cream, high fat), Standard A-10 (1971): Edible acid casein, Standard A-12 (1976): Edible caseinates, Standard A-13 (1976).

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity.**

#### **TYPE 18                      MANUFACTURED FOOD (SINGLE-INGREDIENT) OF ANIMAL ORIGIN**

The term “single ingredient manufactured food” means a processed food which consists of one identifiable food ingredient, with or without packing medium or minor ingredients such as flavouring agents, spices and condiments, and which is normally pre-packaged and ready for consumption, with or without cooking.

##### **Manufactured milk products (single ingredient)**

Class E

#### **Type 18                      Manufactured Food (single ingredient) of animal origin**

**Group 090    Group Letter Code LI**

---

Group 090 and the commodities therein will only be used, if the necessity arises, for pesticides which are not partitioned exclusively or nearly exclusively into the milk fat. For further explanation see Group 082.

This group include among others the following food commodities, as defined in the relevant Codex Standards (indicated between brackets): Yoghurt (Codex Standard A-11(a) 1975): Cheeses, individually named (Codex Standard A-6 1978 and Standard C-1 (1966-1978).

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as prepared for wholesale or retail distribution.**

#### **TYPE 19                      MANUFACTURED FOOD (MULTI-INGREDIENT) OF ANIMAL ORIGIN**

The term “multi-ingredient manufactured food” means a processed food consisting of more than one major ingredient.

A multi-ingredient food consisting of ingredients of both animal and plant origin will be included in this type if the ingredient(s) of animal origin is (are) predominant.

##### **Manufactured milk products (multi-ingredient)**

Class E

#### **Type 19                      Manufactured food (multi-ingredient) of animal origin**

**Group 092    Group Letter Code LM**

---

Group 092 and the commodities therein will only be used in the classification if necessary for pesticides which are not partitioned exclusively or nearly exclusively into the milk fat. For further explanation see Group 082.

This group includes among others the following commodities, as defined in the relevant Codex Standards, see CAC/Vol XVI, Ed-1 (1984): Processed Cheese products, Codex Standard A-8(a) and A-8(b) (1978): Processed Cheese preparations, Standard A-8(c) (1978): Flavoured yoghurt, Standard A-11(b) (1976): Sweetened condensed milk, Standard A-4 (1971).

---

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as prepared for wholesale or retail distribution.**

## APPENDIX III

TABLE 9 ON EXAMPLES OF SELECTION OF REPRESENTATIVE COMMODITIES

(For inclusion in the *Principles and Guidance for the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides for Commodity Groups (CXG 84-2012)*)

## Class B Primary food commodities of animal origin

## Type 6 Mammalian products

## Type 7 Avian products

## Type 8 Aquatic animal products

## Type 9 Amphibians and reptiles

## Type 10 Invertebrate animals

## Type 10a Miscellaneous primary food commodities of animal origin

(For comments)

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
<b>Group 030 Mammalian muscle</b>	Any commodity from subgroups 030A, 030B, 030C, 030D, 030E, 030F, 030G, 030H	<u>Group of mammalian muscle (MM 0095)</u> : Alpaca, muscle; Bison, European, muscle; Buffalo, African, muscle; Buffalo, American muscle; Buffalo, Cape, muscle; Buffalo, muscle; Buffalo, water, muscle; Calf, muscle; Camel, <a href="#">Bactrian</a> , muscle; Camel, muscle; Capybara, muscle; Cattle, muscle; Deer, fallow, muscle; Deer, muscle; Deer, red, muscle; Dog, muscle; Donkey, muscle; Dromedary, muscle; Elk, muscle; Gayal, muscle; Goat, muscle; Guinea pig, muscle; Hare, muscle; Hinny, muscle; Horse, muscle; Kangaroo, muscle; Lamb, muscle; Llama or Lama, muscle; Moose, European, muscle; Moufflon, muscle; Mule, muscle; Peccary, collared, muscle; Pig, muscle; Possum, muscle; Rabbit, muscle; Rat, muscle; Reindeer, muscle; Roe, muscle; Sheep, muscle; Veal, muscle; Wallaby, muscle; Water buffalo, muscle; Wild boar, muscle; Yak, muscle; Zebu, muscle
<b>Subgroup 030A Bovine muscle</b>	Any commodity in this subgroup	<u>Subgroup of bovine muscle (MM 3700)</u> : Bison, European, muscle; Buffalo, muscle; Buffalo, African, muscle; Buffalo, American muscle; Buffalo, Cape, muscle; Buffalo, Water, muscle; Calf, muscle; Cattle, muscle; Gayal, muscle; Veal, muscle; Water Buffalo, muscle; Yak, muscle; Zebu, muscle
<b>Subgroup 030B Camelid muscle</b>	Any commodity in this subgroup	<u>Subgroup of camelid muscle (MM 3701)</u> : Alpaca, muscle; Camel, muscle; Camel, <a href="#">Bactrian</a> , muscle; Dromedary, muscle; Llama or Lama, muscle
<b>Subgroup 030C Caprine muscle</b>	Any commodity in this subgroup	<u>Subgroup of caprine muscle (MM 3702)</u> : Goat, muscle
<b>Subgroup 030D Cervine muscle</b>	Any commodity in this subgroup	<u>Subgroup of cervine muscle (MM 3703)</u> : Deer, muscle; Deer, fallow, muscle; Deer, red, muscle; Elk, muscle; Moose, European, muscle; Reindeer, muscle; Roe, muscle
<b>Subgroup 030E Equine muscle</b>	Any commodity in this subgroup	<u>Subgroup of equine muscle (MM 3704)</u> : Donkey, muscle; Hinny, muscle; Horse, muscle; Mule, muscle

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
<b>Subgroup 030F Ovine muscle</b>	Any commodity in this subgroup	<u>Subgroup of ovine muscle (MM 3705)</u> : Lamb, muscle; Moufflon, muscle; Sheep, muscle
<b>Subgroup 030G Swine muscle</b>	Any commodity in this subgroup	<u>Subgroup of swine muscle (MM 3706)</u> : Pig, muscle; Wild boar, muscle
<b>Subgroup 030H Various other mammalian muscles</b>	Any commodity in this subgroup	<u>Subgroup of various other mammalian muscles (MM 3707)</u> : Capybara, muscle; Dog, muscle: Guinea pig, muscle; Hare, muscle; Kangaroo, muscle; Peccary, collared, muscle; Possum, muscle; Rat, muscle; Rabbit, muscle; Wallaby, muscle
<b>Group 031 Mammalian fats</b>	Any commodity from subgroups 031A, 031B, 031C, 031D, 031E, 031F, 031G, 031H	<u>Group of mammalian products (MF 0100)</u> : Alpaca, fat; Bison, European, fat; Buffalo, fat; Buffalo, African, fat; Buffalo, American fat; Buffalo, Cape, fat; Buffalo, Water, fat; Calf, fat; Camel, fat; Camel, Bactrian, fat; Capybara, fat; Cattle, fat; Deer, fat; Deer, fallow, fat; Deer, red, fat; Dog, fat; Donkey, fat; Dromedary, fat; Elk, fat; Gayal, fat; Guinea pig, fat; Goat, fat; Hare, fat; Hinny, fat; Horse, fat; Kangaroo, fat; Lamb, fat; Llama or Lama, fat; Moose, European, fat; Moufflon, fat; Mule, fat; Peccary, collared, fat; Pig, fat; Possum, fat; Rabbit, fat; Rat, fat; Reindeer, fat; Roe, fat; Sheep, fat; Veal, fat; Wallaby, fat; Water Buffalo, fat; Wild boar, fat; Yak, fat; Zebu, fat
<b>Subgroup 031A Bovine fat</b>	Any commodity in this subgroup	<u>Subgroup of bovine fat (MF 3700)</u> : Bison, European, fat; Buffalo, fat; Buffalo, African, fat; Buffalo, American fat; Buffalo, Cape, fat; Buffalo, Water, fat; Calf, fat; Cattle, fat; Gayal, fat; Veal, fat; Water Buffalo, fat; Yak, fat; Zebu, fat
<b>Subgroup 031B Camelid fat</b>	Any commodity in this subgroup	<u>Subgroup of camelid fat (MF 3701)</u> : Alpaca, fat; Camel, fat; Camel, Bactrian, fat; Dromedary, fat; Llama or Lama, fat
<b>Subgroup 031C Caprine fat</b>	Any commodity in this subgroup	<u>Subgroup of caprine fat (MF 3702)</u> : Goat, fat
<b>Subgroup 031D Cervine fat</b>	Any commodity in this subgroup	<u>Subgroup of cervine fat (MF 3703)</u> : Deer, fat; Deer, fallow, fat; Deer, red, fat; Elk, fat; Moose, European, fat; Reindeer, fat; Roe, fat
<b>Subgroup 031E Equine fat</b>	Any commodity in this subgroup	<u>Subgroup of equine fat (MF 3704)</u> : Donkey, fat; Hinny, fat; Horse, fat; Mule, fat
<b>Subgroup 031F Ovine fat</b>	Any commodity in this subgroup	<u>Subgroup of ovine fat (MF 3705)</u> : Lamb, fat; Moufflon, fat; Sheep, fat
<b>Subgroup 031G Swine fat</b>	Any commodity in this subgroup	<u>Subgroup of swine fat (MF 3706)</u> : Pig, fat; Wild boar, fat
<b>Subgroup 031H Various other mammalian fats</b>	Any commodity in this subgroup	<u>Subgroup of various other mammalian fat (MF 3707)s</u> : Capybara, fat; Dog, fat; Guinea pig, fat; Hare, fat; Kangaroo,

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
		fat; Peccary, collared, fat; Possum, fat; Rabbit, fat; Rat, fat; Wallaby, fat
<b>Group 032 Edible offal (mammalian)</b>	2	--
<b>Subgroup 032A Bovine edible offal</b>	2	--
<b>Subgroup 032B Camelid edible offal</b>	2	--
<b>Subgroup 032C Caprine edible offal</b>	2	--
<b>Subgroup 032D Cervine edible offal</b>	2	--
<b>Subgroup 032E Equine edible offal</b>	2	--
<b>Subgroup 032F Ovine edible offal</b>	2	--
<b>Subgroup 032G Swine edible offal</b>	2	--
<b>Subgroup 032H Various other mammalian edible offal</b>	2	--
<b>Group 033 Milks</b>	Any commodity from subgroups 033A, 033B, 033C, 033D, 033E, 033F	Group of mammalian products (ML 0106): Buffalo, milk; Camel, Bacterian, milk; Camel, milk; Cattle, milk; Donkey, milk; Elk, milk; Goat, milk; Horse, milk; Reindeer, milk; Sheep, milk
<b>Subgroup 033A Bovine milk</b>	Any commodity in this subgroup	<u>Subgroup of bovine milk (ML 3700)</u> : Buffalo, milk; Cattle, milk
<b>Subgroup 033B Camelid milk</b>	Any commodity in this subgroup	<u>Subgroup of camelid milk (ML 3701)</u> : Camel, Bacterian, milk; Camel, milk
<b>Subgroup 033C Caprine milk</b>	Any commodity in this subgroup	<u>Subgroup of caprine milk (ML 3702)</u> : Goat, milk
<b>Subgroup 033D Cervine milk</b>	Any commodity in this subgroup	<u>Subgroup of cervine milk (ML 3703)</u> : Elk, milk; Reindeer, milk;



Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
<b>Subgroup 033E Equine milk</b>	Any commodity in this subgroup	<u>Subgroup of equine milk (ML 3704)</u> : Donkey, milk; Horse, milk;
<b>Subgroup 033F Ovine milk</b>	Any commodity in this subgroup	<u>Subgroup of ovine milk (ML 3705)</u> : Sheep, milk
<b>Group 036 Avian muscle</b>	Any commodity in this group	<u>Group of Avian muscle (PM 0110)</u> : Chicken, muscle; Duck, muscle; Duck, Moscow, muscle; Dove, collared, muscle; Dove, turtle, muscle; Emu, muscle; Goose, muscle; Grouse, muscle; Guinea-fowl, muscle; Ostrich, muscle; Partridge, muscle; Peafowl, green, muscle; Pheasant, muscle; Pigeon, muscle; Quail, muscle; Quail, Bobwhite, muscle; Quail, California, muscle; Quail, Japanese, muscle; Rhea, American, muscle; Swan, mute, muscle; Turkey, muscle
<b>Group 037 Avian fats</b>	Any commodity in this group	<u>Group of Avian fats (PF 0111)</u> : Chicken, fat; Duck, fat; Emu, fat; Goose, fat; Ostrich, fat; Turkey, fat
<b>Group 038 Avian, Edible offal of</b>	2	--
<b>Group 039 Eggs</b>	Any commodity in this group	<u>Group of eggs (PE 0112)</u> : Chicken, eggs; Duck, eggs; Emu, eggs; Goose, eggs; Guinea-fowl, eggs; Ostrich, eggs; Quail, eggs; Rhea, American, eggs; Turkey, eggs
<b>Group 040 Freshwater fish</b>	2	--
<b>Subgroup 040A Barbs</b>	Barbs	<u>Subgroup of barbs (WF 3710)</u> : Barbs; Barb, Silver: Bulatmai barbel; Spinubarbus hollandi; Qinbo fish
<b>Subgroup 040B Carps</b>	Carps Bream	<u>Subgroup of carps (WF 3711)</u> : Bream; Bream, Black; Bream, Wuchang; Carps; Carp, bighead; Carp, black; Carp, Chinese; Carp, common; Carp, Crucian; Carp, grass; Carp, Indian; Carp, predatory; Carp, silver; Gobies, freshwater; Rhinofishes; Roaches
<b>Subgroup 040C Catfishes</b>	Catfishes (freshwater)	<u>Subgroup of catfishes (WF 3712)</u> : Basa; Catfishes (freshwater); Catfish, Clarias; Catfish, yellow; Catfish, Chinese longsnout; Channel catfish; Pangasius; Shark, Iridescent
<b>Subgroup 040D Perches</b>	Perch	<u>Subgroup of perches (WF 3713)</u> : Black bass; Bluegill sunfish; Cod, Murray; Goby, Marble; Gourami (Asia); Perch; Perch, American yellow; Perch, Chinese; Perch, climbing; Perch, European; Perch, golden; Perch, white; Pikeperch; Snakehead, Northern; Snakehead, striped; White perch; White crappie; Zander
<b>Subgroup 040E Tilapias</b>	Tilapias	<u>Subgroup of tilapias (WF 3714)</u> : Tilapias; Tilapia, blue; Tilapia, Nile; Mozambique tilapia
<b>Subgroup 040F Various other freshwater fishes</b>	2	--

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
<b>Group 041 Diadromous fish</b>	2	--
<b>Subgroup 041A Atlantic Salmons</b>	Atlantic Salmon	<u>Subgroup of Atlantic salmon (WD 3720)</u> : Atlantic salmon
<b>Subgroup 041B Pacific Salmons</b>	Pacific Salmon	<u>Subgroup of Pacific salmon (WD 3721)</u> : Cherry salmon; Chinook salmon; Chum salmon; Coho salmon; Keta salmon; King salmon; Medium red salmon; Pacific salmon; Pink salmon; Silver salmon; Sockeye salmon; Spring salmon
<b>Subgroup 041C Eels</b>	Eel	<u>Subgroup of eels (WD 3722)</u> : Eels; Eel, American; Eel, Australian; Eel, European; Eel, Japanese
<b>Subgroup 041D Smelts</b>	Smelt	<u>Subgroup of smelts (WD 3723)</u> : Smelt; Smelt, European; Smelt, Pond; Smelt, Rainbow
<b>Subgroup 041E Trouts</b>	Trout	<u>Subgroup of trouts (WD 3724)</u> : Arctic char; Brook trout; Char; Cutthroat trout; German trout; Lake trout: Rainbow trout, Trout
<b>Subgroup 041F Various other diadromous fishes</b>	2	--
<b>Group 042 Marine fish</b>	2	--
<b>Subgroup 042A Cod and Cod-like fishes</b>	Atlantic cod	<u>Subgroup of cod and cod-like fishes (WS 0126)</u> : Coalfish; Cod; Cod, Atlantic; Cod, Greenland; Cod, Pacific; Haddock; Hakes; Pollack; Pollack, Alaska; Whiting; Whiting, blue
<b>Subgroup 042B Flat-fishes</b>	Flounder	<u>Subgroup of flat-fishes (WS 0127)</u> : Brill; Common dab; Flouders; Flounder, olive; Halibut; Halibut, Atlantic; Halibut, Greenland; Halibut, Pacific, Plaice; Plaice, Alaska; Plaice, European; Sole; Sole, tongue; Turbot; Witch flounder; Yellowtail flounder; Yellowfin sole;
<b>Subgroup 042C Mackerel and Mackerel-like fishes</b>	Mackerel	<u>Subgroup of Mackerel and Mackerel-like fishes (WS 0128)</u> : Horse mackerel; Indian mackerel; Jack mackerel; King mackerel; Mackerel; Mackerel, Atlantic; Mackerel, chub; Mackerel, short; Pompano; Scad; Seerfish; Spanish mackerel;
<b>Subgroup 042D Tunas and Bonitos</b>	Tuna	<u>Subgroup of Tunas and Bonitos (WS 0132)</u> : Albacore; Bigeye tuna; Blackfin tuna; Bonito; Bonito, Atlantic; Bonito, Eastern Pacific; Longtail tuna; Northern bluefin tuna; Skipjack tuna; Southern bluefin tuna; Tuna; Tuna, bullet; Tuna, longtail; Tuna, yellowfin
<b>Subgroup 042E Herring like fishes</b>	Sardine or sardine-type fishes	<u>Subgroup of herring-like fishes (WS 0129)</u> : Anchovies; European sardine; Herring; Herring, Atlantic; Herring, Pacific; Menhaden; Oil sardine; Sardine and Sardine-type fishes; Sardinella or Oil sardine; Sardine, European

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
<b>Subgroup 042F Sharks</b>	Sharks	<u>Subgroup of sharks (WS 3726)</u> : Liveroil shark; Porbeagle; Rays; Requiem shark; Sharks; Shark, blue; Smooth hounds; Spiny dogfish
<b>Subgroup 042G Various other Marine fishes</b>	2	--
<b>Group 043 Fish roe (including milt= soft roe) and edible offal of fish</b>	2	--
<b>Subgroup 043A Fish roe( including milt= soft roe)</b>	Any commodity in this subgroup	<u>Subgroup of Fish roe (including milt= soft roe) (WR 3730)</u> : Bluefish, roe; Cod, roe; Dolphinfish, roe; Flounder, roe; Herring, roe; Lumpfish, roe; Mackerel, roe; Mullet, roe; Pacific; Salmon roe, Atlantic; Shad, roe; Sturgeon, roe
<b>Subgroup 043B Edible offal of fish</b>	2	--
<b>Group 044 Marine mammalian products</b>	2	--
<b>Subgroup 044A Marine mammalian muscle</b>	Any commodity in this subgroup	<u>Subgroup of marine mammalian muscle (WM 3740)</u> : Dolphins, muscle; Dolphin, Bottlenose, muscle; Dolphin, humpback, muscle; Dolphin, spinner, muscle; Porpoise, muscle; Sea-lions, muscle; Seals, muscle; Seal, common, muscle; Seals, Eared, muscle; Seals, earless, muscle; Seals, Fur, muscle; Seal, grey, muscle; Seal, harp, muscle; Seal, hooded, muscle; Seal, ringed, muscle: Whales, muscle; Whales, Baleen, muscle; Whale, blue, muscle; Whale, false, killer, muscle; Whale, fin, muscle; Whale, humpback, muscle; Whale, killer, muscle; Whale, Minke, muscle; Whale, Sei, muscle; Whale, short-finned pilot, muscle; Whale, sperm, muscle; Whales, toothed, muscle
<b>Subgroup 044B Fat of marine mammals, unprocessed</b>	Any commodity in this subgroup	<u>Subgroup of fat of marine mammals, unprocessed (WS 3741)</u> : Dolphins, fat, unprocessed; Seals, fat, unprocessed; Whales, fat, unprocessed
<b>Group 045 Crustaceans</b>	Crab or White shrimp	<u>Group of crustaceans (WC 0143)</u> : Barnacles; Crabs; Crab, Chinese mitten ; Crab, blue; Crab, edible; Crab, tanner; Crab, mud; Crab, red king; Crab, swimming; Freshwater crabs; Freshwater crayfishes; Freshwater crustaceans; Freshwater shrimps or prawns; Langouste; Lobsters; Lobster, American; Lobster, European; Lobster, Norway; Marine crustaceans; Prawns, Prawn, banana; Prawn, brown tiger; Prawn, caramote; Prawn, Chinese; Prawn, common; Prawn, Eastern king; Prawn, endeavour; Prawn, giant tiger; Prawn, green tiger; Prawn, Japanese king; Prawn, kuruma; Prawn, northern; Prawn, Oriental; Prawn, Western king; Rock lobster; Shrimps or prawns; Shrimp, common; Shrimp, deepwater rose; Shrimp, mantis; Shrimp, Metapenaeus; Shrimp, Northern brown; Shrimp, Northern pink: Shrimp, Northern white; Shrimp, White; Slipper lobster; Spiny lobster; Squat lobster
<b>Group 046 Amphibians and reptiles</b>	2	--

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
Subgroup 046A Crocodiles	<sup>2)</sup>	--
Subgroup 046B Frogs	<sup>2)</sup>	--
Subgroup 046C Lizards	<sup>2)</sup>	--
Subgroup 046D Snakes	<sup>2)</sup>	--
Subgroup 046E Turtles	<sup>2)</sup>	--
Group 047 Molluscs and various other invertebrate animals	<sup>2)</sup>	--
Subgroup 047A Bivalves	Any commodity in this subgroup	<u>Group of bivalves (IM 0151):</u> Clams; Clams ark; Clam, razor; Cockles; Geoduck, Pacific; Mussels; Mussels, freshwater; Oysters (including cupped oysters); Scallops; Scallops, sea
Subgroup 047B Cephalopods	Any commodity in this subgroup	<u>Subgroup of cephalopods, (IV 0152):</u> Cuttlefishes; Octopuses; Squids; Squid, common
Subgroup 047C Sea and freshwater snails	<sup>2)</sup>	--
Subgroup 047D Snails and slugs	<sup>2)</sup>	--
Subgroup 047E Various other invertebrate animals	<sup>2)</sup>	--
Group 048 Insects and spiders	<sup>2)</sup>	--
Subgroup 048A Spiders (Arachnida)	<sup>2)</sup>	--
Subgroup 048B Insects (Insecta)	<sup>2)</sup>	--
Group 049 Miscellaneous primary food commodities of animal origin	Honey and honeycomb	<u>Group of Miscellaneous primary food commodities of animal origin:</u> Honey; Honeycomb; Pollen, bee; Propolis; Royal jelly

<sup>1)</sup> Alternative representative commodities may be selected based on documented regional/country differences in dietary consumption and/or areas of production.

<sup>2)</sup> It is not possible to set a group CXL for this group because of the broad diversity of commodities. For extrapolation of commodities, extrapolation options in the OECD guideline can also be considered.

## APPENDIX II

TABLE 10 ON EXAMPLES OF SELECTION OF REPRESENTATIVE COMMODITIES

(For inclusion in the *Principles and Guidance for the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides for Commodity Groups (CXG 84-2012)*)

Class E, Processed foods of animal origin

Type 16 Secondary food commodities of animal origin

Type 17 Derived edible products of animal origin

Type 18 Manufactured Food (single ingredient) of animal origin

Type 19 Manufactured food (multi-ingredient of animal origin

(For comments)

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
Group 080 Dried muscle and dried fish products and dried echinoderms	2)	--
Subgroup 080A Dried muscle (from mammals other than marine mammals)	Any commodity in this subgroup	<u>Subgroup of dried muscle (from mammals other than marine mammals (MD 0095):</u> (including dried and smoked): Bovine muscle, dried; Camelid muscle, dried; Caprine muscle, dried; Cattle muscle, dried; Cervine muscle, dried; Equine muscle, dried; Goat muscle, dried; Horse muscle, dried; Ovine muscle, dried; Pig muscle, dried; Swine muscle, dried; Various other Mammalian muscle, dried
Subgroup 080B Dried Fish	Any commodity in this subgroup	<u>Subgroup of dried fish (MD 3742):</u> Cod, dried; Dab or common dab, dried; Diadromous fish, dried; Flat-fishes, dried; Freshwater fish, dried; Hakes, dried; Halibut, dried; Ling, dried; Other Marine fish, dried; Stockfish (dried cod and cod-like fish), dried
Subgroup 080C Dried Echinoderms	Sea cucumber	<u>Subgroup of dried echinoderms (MD 3743):</u> Sea cucumber, dried
Group 081 Dried muscle and other avian products	2)	--
Group 082 Secondary food commodities of animal origin	2)	--
Group 083 Secondary invertebrate food commodities of animal origin	2)	--
Subgroup 083A Bivalves, dried	Any commodity in this subgroup	<u>Subgroup of bivalves, dried (IV 0151):</u> Clams, dried; Clam, hort necked, dried; Clam, razor, dried; Cockles, dried; Geoduck, Pacific, dried; Mussels, dried; Mussels, freshwater, dried; Oysters (including cupped oysters), dried; Scallops, dried; Scallops, sea, dried
Subgroup 083B Cephalopods, dried	Any commodity in this subgroup	<u>Subgroup of cephalopods, dried (IV 0152):</u> Cuttlefishes, dried; Octopuses, dried; Squids, dried; Squid, common, dried
Subgroup 083C Insects, dried	2)	--

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
<b>Subgroup 083D Crustaceans, dried</b>	2)	--
<b>Subgroup 083E Sea and freshwater snails, dried</b>	2)	--
<b>Subgroup 083F Amphibians and reptiles, dried</b>	2)	--
<b>Group 084 Crustaceans, processed</b>	Any commodity in this group	<u>Group of crustaceans, processed (SC 0144)</u> : Crustaceans, cooked; Freshwater crustaceans, cooked; Marine crustaceans, cooked; Crabmeat, cooked; Freshwater crayfishes, cooked; Freshwater shrimps or prawns, cooked; Lobsters (including lobster muscle), cooked; Shrimps or Prawns, cooked; Shrimps or Prawns, parboiled
<b>Group 085 Animal fats, processed</b>	2)	--
<b>Subgroup 085A Processed fats from mammals (other than marine mammals)</b>	Any commodity in this subgroup	<u>Subgroup of Fats from mammals other than marine mammals (FA 0100)</u> : Bovine tallow; Buffalo tallow; Camel tallow; Camelid tallow; Caprine tallow; Cattle tallow (including processed suet); Cervine tallow; Equine tallow; Goat tallow; Horse tallow; Lard (of pigs); Ovine tallow; Sheep tallow; Swine tallow; Various other mammalian muscle tallow
<b>Subgroup 085B Processed fats from marine mammals</b>	Any commodity in this subgroup	<u>Subgroup of fats from marine mammals (FA 3741)</u> : Whales, blubber of, processed; Processed fat (blubber), of whales, dolphins and sales
<b>Subgroup 085C Processed fats from avian species</b>	Any commodity in this subgroup	<u>Subgroup of fats from avian species (FA 0111)</u> : Poultry fats, processed; Chicken fat, processed; Duck fat, processed; Goose fat, processed; Turkey fat, processed
<b>Subgroup 085D Processed fats from fish species</b>	Fish oil	<u>Subgroup of fats from fish species (FA 3758)</u> : Fish oil
<b>Group 086 Milk fats</b>	Any commodity in this group	<u>Group of milk fats (FM 0106)</u> : Bovine milk fat; Buffalo milk fat; Camel milk fat; Camelid milk fat; Caprine milk fat; Cattle milk fat; Cervine milk fat; Equine milk fat; Goat milk fat; Milk fats; Ovine milk fat; Sheep milk fat
<b>Group 087 Derived edible products of animal origin</b>	2)	--
<b>Group 090 Manufactured Food (single ingredient) of animal origin</b>	2)	--
<b>Group 092 Manufactured food (multi-ingredient) of animal origin</b>	2)	--

<sup>1)</sup> Alternative representative commodities may be selected based on documented regional/country differences in dietary consumption and/or areas of production.

<sup>2)</sup> It is not possible to set a group CXL for this group because of the broad diversity of commodities. However, when a group contains a number of processed commodities originating from raw commodities from one subgroup in Class B (primary food commodities of animal origin), the representative commodity from that subgroup in Class B can be used as a representative crop for the corresponding commodities in processed form.

---

For extrapolation of commodities, extrapolation options in the OECD guideline can also be considered.