

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of the
United Nations



World Health
Organization

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Agenda Item 7(b)

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JOINT FAO/WHO FOOD STANDARDS PROGRAMME

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

(AT STEP 4)

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

Codex members and observers wishing to submit comments at Step 3 on this document should do so as instructed in CL 2022/35-PR available on the Codex webpage¹
This document should be read in conjunction with working documents under Agenda Items 7(c) and 7(d).

BACKGROUND

1. Background on the discussion of the revision of the *Classification of Food and Feed* (CXM 4-1989) can be found in the reports of the 36th – 52st sessions of the Codex Committee on Pesticide Residues (CCPR) including relevant sessions of the Codex Alimentarius Commission (CAC) held from 2004 to 2021.²
2. The practice adopted by CCPR in the revision of the Classification is to retain the revision of the commodity groups (e.g. fruit commodity groups, vegetable commodity groups, etc.) waiting for the final compilation of the related commodity groups and the corresponding tables on examples of representative commodities for inclusion in the *Classification of Food and Feed* and the *Principles and Guidance on the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides to Commodity Groups* (CXG 84-2012) respectively.³
3. CCPR52 (2021) agreed to re-establish the EWG on the revision of the Classification, chaired by USA and co-chaired by The Netherlands, working in English, and to initiate consideration of Class B, Primary Food Commodities of Animal Origin and Class E, Processed Foods of Animal Origin.⁴

Consideration of Class B

4. The EWG considered Class B, which originally included four Types and nineteen Groups as follows:
 - 4.1 The inclusion of the additional type MISCELLANEOUS PRIMARY FOOD COMMODITIES OF ANIMAL ORIGIN, as well as the addition of a new group: Insects and spiders, within type 10 Invertebrate animals was proposed (All changes in the revised version are highlighted in yellow in Appendix I).

¹ Codex webpage/Circular Letters:
<http://www.fao.org/fao-who-codexalimentarius/resources/circular-letters/en/>.

Codex webpage/CCCF/Circular Letters:

<https://www.fao.org/fao-who-codexalimentarius/committees/committee/related-circular-letters/en/?committee=CCPR>

² Reports of CCPR and CAC meetings are available at:
<http://www.fao.org/fao-who-codexalimentarius/committees/committee/en/?committee=CCPR>

<http://www.fao.org/fao-who-codexalimentarius/committees/cac/meetings/en/>

³ ALINORM 10/33/24, para. 96, ALINORM 07/30/24 para. 150

⁴ REP21/PR52 para. 179.

- 4.2 Additional commodities were proposed for inclusion in several groups (yellow highlighting, Appendix I). Group 030 Meat (from mammals other than marine mammals) was divided into eight subgroups, including Subgroup 030A Bovine meat, Subgroup 030B Camelid meat, Subgroup 030C Caprine meat, Subgroup 030D Cervine meat, Subgroup 030E Equine meat, Subgroup 030F Ovine meat Subgroup, 030G Swine meat, and Subgroup 030H Various other mammalian meats.
- 4.3 Accordingly, Group 031 Mammalian fats, Group 032 Edible offal (Mammalian) were also divided into eight subgroups, following the same order as the subgroups for Group 030. Group 033 Milks was divided into six subgroups, including Subgroup 033A Bovine milk, Subgroup 033B Camelid milk, Subgroup 033C Caprine milk, Subgroup 033D Cervine milk, Subgroup 033E Equine milk, and Subgroup 033F Ovine milk.
- 4.4 For type 7 and all its groups the word 'poultry' in the names of the type and groups is changed to 'avian' to allow for a more accurate description of the commodities in type 7.
- 4.5 Group 040 Freshwater fish was divided into six subgroups, including Subgroup 040A Barbs, Subgroup 040B Carps, Subgroup 040C Catfishes, Subgroup 040D Perches, Subgroup 040E Tilapias, and Subgroup 040F Various other freshwater fishes.
- 4.6 Group 041 Diadromous fish was divided into 6 subgroups, including Subgroup 041A Atlantic Salmons, Subgroup 041B Pacific Salmons, Subgroup 041C Eels, Subgroup 041D Smelts, Subgroup 041E Trouts, Subgroup 041F Various other diadromous fishes.
- 4.7 Group 042 Marine fish was divided into seven subgroups, including Subgroup 042A Cod and Cod-like fishes, Subgroup 042B Flat-fishes, Subgroup 042C Mackerel and Mackerel-like fishes, Subgroup 042D Tuna and Bonito, Subgroup 042E Herring like fishes, Subgroup 042F Sharks, and Subgroup 042G Various other Marine fish.
- 4.8 Group 043 was divided in two subgroups: Subgroup 043A Fish roe (including milt= soft roe) and Subgroup 043B Edible offal of fish.
- 4.9 Group 044 Marine mammalian products was divided into two subgroups: Subgroup 044A Marine mammalian meat and Subgroup 044B Fat of marine mammals.
- 4.10 Group 048 (unprocessed) frogs, lizards, snakes and turtles was renamed as 'Amphibians and reptiles' and divided into five subgroups including Subgroup 048A Crocodiles, Subgroup 048B Frogs, Subgroup 048C Lizards, Subgroup 048D Snakes, and Subgroup 048E Turtles.
- 4.11 Group 049 Molluscs (including cephalopods) and other invertebrate animals was renamed as 'Molluscs and various other invertebrate animals' and divided into four subgroups, including Subgroup 049A Bivalves, Subgroup 049B Cephalopods, Subgroup 049C Snails and slugs, and Subgroup 049D Various other invertebrate animals.

DISCUSSION

5. During the re-initiation of the EWG, additional commodities were added following comments from the WHO collaborating center that proposed inclusion of several additional commodities and the creation of subgroups for several groups in type 6, 8, and 10 (all new commodities, groups and subgroups are highlighted in yellow in Appendix I).
6. Chile, Australia, Saudi Arabia, Canada and Germany noted the absence of bee products, such as honey, among others.
7. Germany additionally proposed the addition of Shark, iridescent and crocodiles. Thailand noted a mistake in the zoological orders listed for the species in Group 048.
8. Australia provided the Australia and New Zealand Food Standards Code list (Schedule 22). Based on this list several commodities were added to Class B.
9. The EU commission shared the 'Annex I' list that contains products of animal origin. Several commodities present in Annex I were found to be missing in Class B and were subsequently added.
10. Germany proposed the division of Group 043 into two subgroups. Australia and Germany proposed to include insect in Class B. In accordance with this proposal the new group 'Insects and spiders was added to Class B. Both Chile and Germany noted that several of the included commodities in Class B are species listed in the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) appendices and suggested removal of these species. However, due to prevalent consumption and in order to aid the monitoring of the consumption of these species it is proposed to not remove these commodities.
11. Germany also commented that, before finalizing Class B, we should await the outcome on the discussions concerning skin in eWG on Edible Animal Tissue of CCRVDF and CCPR. Since this may have impact on several groups and commodities in Class B.

CONCLUSIONS

12. The revised Class B includes additional commodities and several subgroups were created within existing groups. A new group 'Insects and spiders' was created and a new type 'MISCELLANEOUS PRIMARY FOOD COMMODITIES OF ANIMAL ORIGIN' was added for the inclusion of honey and other bee product. Additions are highlighted while deletions are crossed-out.

RECOMMENDATIONS

13. CCPR is invited to consider the revised Class B (Appendix I) based on the conclusions and recommendations above as well as comments submitted by Codex members and observers in reply to CL 2022/35-PR.

APPENDIX I**(For comments)****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.

Meat (from mammals other than marine mammals)**Class B****Type 6 Mammalian products Group 030 Group Letter Code MM**

Group 030. Meats are the muscular tissues, 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” meat includes meat 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.

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 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 meat) (ref. ALINORM 87/24, Appendix IV, paragraph 6).**

Eight subgroups are defined:

Subgroup 030A Bovine meat

Subgroup 030B Camelid meat

Subgroup 030C Caprine meat

Subgroup 030D Cervine meat

Subgroup 030E Equine meat

Subgroup 030F Ovine meat

Subgroup 030G Swine meat

Subgroup 030H Various other mammalian meats

Group 030 Meat (from mammals other than marine mammals)

Code No.	Commodity
MM 0095	Group of meat (from mammals other than marine mammals) (includes all commodities in Group 030)
MM 0096	Subgroup of meat of cattle, goats, horses, pigs and sheep
MM 0097	Subgroup of Meat of cattle, pigs and sheep

Subgroup 030A Bovine meat

Code No.	Commodity
MM XXX	Subgroup of bovine meat
	(includes all commodities in Subgroup 030A)
-	Banteng, meat See cattle meat, MM 0812
	<i>Bos javanicus</i> d'Alton
MM 0810	Buffalo, meat
	<i>Bubalus bubalis</i> L.
	<i>Syncerus caffer</i> Sparrman
	<i>Bison bison</i> L.
	<i>Bison bonasus</i> L.
-	Buffalo, African, meat , see Buffalo, meat MM 0810
	<i>Syncerus caffer</i> Sparrman
-	Buffalo, American, meat , see Buffalo, meat, MM 0810
	<i>Bison bison</i> L.
-	Buffalo, Cape, meat , see Buffalo, meat, MM 0810
-	Buffalo, Water, meat , see Buffalo, meat, MM 0810
	<i>Bubalus bubalis</i> L.;
	syn: <i>Bubalis buffalus</i> Blum; <i>Bos bubalis</i> Brise; <i>Bubalis bos</i> Wall.
-	Bison, European, meat , see Buffalo, meat, MM 0810
	<i>Bison bonasus</i> L.
-	Calf, meat , see Cattle, meat, MM 0812
MM 0812	Cattle, meat
	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.
-	Gayal, meat , See Cattle, meat, MM 0812
	<i>Bos frontalis</i> Lam.
-	Veal, meat , see Cattle, meat, MM 0812
-	Water Buffalo, meat , see Buffalo, meat, MM 0810
	<i>Bubalus bubalis</i> L.
-	Yak, meat , see Cattle, meat, MM 0812
	<i>Bos grunniens</i> L.
-	Zebu, meat , see Cattle meat, MM 0812
	<i>Bos indicus</i> L.

Subgroup 030B Camelid meat**Code No. Commodity****MM XXXX Subgroup of camelid meat**

(includes all commodities in Subgroup 030B)

MM 0811 Camel, meat*Camelus bactrianus* L.; *C. dromedarius* L.;*Lama glama* L.; *Lama pacos* L.**- Alpaca, meat See Camel, meat, MM 0811***Lama pacos* L.**- Camel, Bactrian, meat, see Camel, meat, MM 0811***Camelus bactrianus* L.**- Dromedary, meat, see Camel, meat, MM 0811***Camelus dromedarius* L.**- Llama or Lama, meat, see Camel, meat, MM 0811**Breeds of *Lama glama* L.; *Lama pacos* L.**Subgroup 030C Caprine meat****Code No. Commodity****MM XXXX Subgroup of caprine meat**

(includes all commodities in Subgroup 030C)

MM 0814 Goat, meatBreeds of *Capra hircus* L.; other *Capra* spp., several breeds.**Subgroup 030D Cervine meat****Code No. Commodity****MM XXXX Subgroup of cervine meat**

(includes all commodities in Subgroup 030D)

MM 0813 Deer, meatamong others *Cervus elaphus germanicus* Desmarest;*Dama dama dama* L.; syn: *Cervus dama* Corbet & Hill;other *Cervus* spp. and ssp.**- Deer, Fallow, meat, see Deer, meat, MM 0813***Dama dama dama* L.;syn: *Cervus dama* Corbet & Hill**- Deer, Red, meat, see Deer, meat, MM 0813***Cerphus elaphus* L.; other *Cerphus* spp., several ssp.**MM 0824 Elk, meat***Alces alces* (L.)**- Moose, European, meat, see Elk, meat, MM 0824***Alces alces* L.**MM 0820 Reindeer, meat***Rangifer tarandus* (L.) (dom.)**MM 0821 Roe, meat***Capreolus capreolus capreolus* (L.)

Subgroup 030E Equine meat

<u>Code No.</u>	<u>Commodity</u>
MM XXXX	Subgroup of equine meat (includes all commodities in Subgroup 030E)
MM XXXX	Donkey, meat <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 XXXX	Hinny, meat <i>Equus caballus</i> L. x <i>Equus asinus</i> L.
MM 0816	Horse, meat Several breeds of <i>Equus caballus</i> L.
MM XXXX	Mule, meat <i>Equus asinus</i> L. x <i>Equus caballus</i> L.

Subgroup 030F Ovine meat

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

Subgroup 030G Swine meat

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

Subgroup 030H Various other mammalian meats

Code No.	Commodity
MM XXXX	Subgroup of various other mammalian meats (includes all commodities in Subgroup 030H)
MM XXXX	Capybara, meat <i>Hydrochoerus hydrochaeris</i> L.
MM XXXX	Dog, meat <i>Canis familiaris</i> L.
MM XXXX	Guinea pig, meat <i>Cavia porcellus</i> L.
MM 0815	Hare, meat <i>Lepus europaeus</i> Pallas, several ssp. and var.; <i>L. timidus</i> L., several var.; other <i>Lepus</i> spp.
MM 0817	Kangaroo, meat Genera of the family <i>Macropodinae</i>
MM XXXX	Peccary, collared, meat <i>Pecari tajacu</i> L.
MM XXXX	Possum, meat several species of the zoological suborder <i>Phalangeriformes</i>
MM XXXX	Rat, meat <i>Rattus</i> spp.
MM 0819	Rabbit, meat <i>Oryctolagus cuniculus</i> L.; <i>O. cuniculus fodiens</i> (Gray); <i>Lepus cuniculus</i> L.; <i>Sylvilagus</i> spp.
-	Wallaby meat , see Kangaroo, meat, MM 0817
Aquatic mammals: e.g., Whales, Dolphins, etc. See Group 044 Marine mammals	

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.

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 Meat (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	Group of Mammalian fats (except milk fats) (includes all commodities in Group 031)
Subgroup 031A	Bovine fat
Code No.	Commodity
MF XXXX	Subgroup of bovine fat (includes all commodities in Subgroup 031A, (see Subgroup 030A (Code MM XXXX) for species included in the group of bovine))
MF 0810	Buffalo, fat
MF 0812	Cattle, fat
Subgroup 031B	Camelid fat
Code No.	Commodity
MF XXXX	Subgroup of camelid fat (includes all commodities in Subgroup 031B, (see Subgroup 030B (Code MM XXXX) for species included in the group of camelid))
MF 0811	Camel, fat
Subgroup 031C	Caprine fat
Code No.	Commodity
MF XXXX	Subgroup of caprine fat (includes all commodities in Subgroup 031C(see Subgroup 030C (Code MM XXXX) for species included in the group of caprine)))
MF 0814	Goat, fat

Subgroup 031D	Cervine, fat
Code No.	Commodity
MF XXXX	Subgroup of cervine fat (includes all commodities in Subgroup 031D, (see Subgroup 030D (Code MM XXXX) for species included in the group of cervine))
Subgroup 031E	Equine fat
Code No.	Commodity
MF XXXX	Subgroup of equine fat (includes all commodities in Subgroup 031E, (see Subgroup 030E (Code MM XXXX) for species included in the group of equine))
MF 0816	Horse, fat
Subgroup 031F	Ovine fat
Code No.	Commodity
MF XXXX	Subgroup of ovine fat (includes all commodities in Subgroup 031F, (see Subgroup 030F (Code MM XXXX) for species included in the group of ovine))
MF 0822	Sheep, fat
Subgroup 031G	Swine fat
Code No.	Commodity
MF XXXX	Subgroup of swine fat (includes all commodities in Subgroup 031G, (see Subgroup 030G (Code MM XXXX) for species included in the group of swine))
MF 0818	Pig, fat
MF 0823	Wild boar, fat
Subgroup 031H	Various other mammalian fats
Code No.	Commodity
MF XXXX	Subgroup of various other mammalian fats (includes all commodities in Subgroup 031H, (see Subgroup 030H (Code MM XXXX) for species included in the group of various other mammals))
MF XXXX	Capybara, fat
MF XXXX	Dog, fat
MF XXXX	Guinea pig, fat
MF 0815	Hare, fat
MF 0817	Kangaroo, fat
MF XXXX	Peccary, collared, fat
MF XXXX	Possum, fat
MF XXXX	Rat, fat
MF 0819	Rabbit, fat

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

Group 032. Edible offal are edible tissues and organs other than muscles (=meat) and animal fat from slaughtered animals as prepared for wholesale or retail distribution.

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.

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 Meat (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	Group of Edible offal (Mammalian) (includes all commodities of Group 032)
MO 0096	Edible offal of cattle, goats, horses, pigs and sheep
MO 0097	Edible offal of cattle, pigs and sheep
MO 0098	Kidney of cattle, goats, pigs and sheep
MO 0099	Liver of cattle, goats, pigs and sheep
Subgroup 032A	Bovine edible offal

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

Subgroup 032B Camelid edible offal

Code No. Commodity**MO XXXX Subgroup of camelid edible offal**

(includes all commodities in Subgroup 032B, (see Subgroup 030A (Code MM XXXX) for species included in the group of camelid))

MO 0811 Camel, edible offal of

MO XXXX Camel, kidney

MO XXXX Camel, liver

Subgroup 032C Caprine edible offal

Code No. Commodity**MO XXXX Subgroup of caprine edible offal**

(includes all commodities in Subgroup 032C, (see Subgroup 030C (Code MM XXXX) for species included in the group of caprine))

MO 0814 Goat, edible offal of

MO XXXX Goat, liver

MO XXXX Goat, kidney

Subgroup 032D Cervine edible offal

Code No. Commodity**MO XXXX Subgroup of cervine edible offal**

(includes all commodities in Subgroup 032D, (see Subgroup 030D (Code MM XXXX) for species included in the group of cervine))

MO 0813 Deer, edible offal of

MO XXXX Deer, kidney

MO XXXX Deer, liver

Subgroup 032E Equine edible offal

Code No. Commodity**MO XXXX Subgroup of equine edible offal**

(includes all commodities in Subgroup 032E, (see Subgroup 030E (Code MM XXXX) for species included in the group of equine))

MO XXXX Donkey, edible offal of

MO XXXX Donkey, kidney

MO XXXX Donkey, liver

MO 0816 Horse, edible offal of

MO 1292 Horse, kidney

MO 1293 Horse, liver

Subgroup 032F **Ovine edible offal****Code No.** **Commodity****MO XXXX** **Subgroup of ovine edible offal**

(includes all commodities in Subgroup 032F, (see Subgroup 030F (Code MM XXXX) for species included in the group of ovine))

MO 0822 **Sheep, edible offal of**

MO 1288 **Sheep, kidney**

MO 1289 **Sheep, liver**

Subgroup 032G **Swine edible offal****Code No.** **Commodity****MO XXXX** **Subgroup of swine edible offal**

(includes all commodities in Subgroup 032G, (see Subgroup 030G (Code MM XXXX) for species included in the group of swine))

MO 0818 **Pig, edible offal of**

MO 1284 **Pig, kidney**

MO 1285 **Pig, liver**

Subgroup 032H **Various other mammalian edible offal****Code No.** **Commodity****MO XXXX** **Subgroup of various other mammalian edible offal**

(includes all commodities in Subgroup 032H, (see Subgroup 030H (Code MM XXXX) for species included in the group of various other mammals))

MO 0815 **Hare, edible offal of**

MO XXXX **Hare, kidney**

MO XXXX **Hare, liver**

MO 0817 **Kangaroo, edible offal of**

MO XXXX **Kangaroo, kidney**

MO XXXX **Kangaroo, liver**

MO XXXX **Possum, edible offal of**

MO XXXX **Possum, kidney**

MO XXXX **Possum, liver**

MO 0819 **Rabbit, edible offal of**

MO XXXX **Rabbit, kidney**

MO XXXX **Rabbit, liver**

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 Meat (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

Code No. Commodity

ML 0106 **Group of milks**
(includes all commodities in Group 033)

~~ML 0107 **Milk of cattle, goats and sheep**~~

Subgroup 033A Bovine milk

Code No. Commodity

ML XXXX **Subgroup of bovine milk**
(includes all commodities of Subgroup 033A, (see Subgroup 030A (Code MM XXXX) for species included in the group of bovine))

ML 0810 **Buffalo, milk**

ML 0812 **Cattle, milk**

Subgroup 033B Camelid milk

Code No. Commodity

ML XXXX **Subgroup of camelid milk**
(includes all commodities of Subgroup 033B, (see Subgroup 030A (Code MM XXXX) for species included in the group of camelid))

- **Camel, Bacterian, milk** See Camel, milk, ML 0811

ML 0811 **Camel, milk**

Subgroup 033C Caprine milk

Code No. Commodity**ML XXXX Subgroup of caprine milk**

(includes all commodities of Subgroup 033C, (see Subgroup 030C (Code MM XXXX) for species included in the group of caprine))

ML 0814 Goat, milk**Subgroup 033D Cervine milk**

Code No. Commodity**ML XXXX Subgroup of cervine milk**

(includes all commodities of Subgroup 033D, (see Subgroup 030D (Code MM XXXX) for species included in the group of cervine))

ML 0824 Elk, milk**ML 0820 Reindeer, milk****Subgroup 033E Equine milk**

Code No. Commodity**ML XXXX Subgroup of equine milk**

(includes all commodities of Subgroup 033E, (see Subgroup 030E (Code MM XXXX) for species included in the group of equine))

ML XXXX Donkey, milk**ML 0816 Horse, milk****Subgroup 033F Ovine milk**

Code No. Commodity**ML XXXX Subgroup of ovine milk**

(includes all commodities of Subgroup 033F (see Subgroup 030F (Code MM XXXX) for species included in the group of ovine))

ML 0822 Sheep, milk

TYPE 7 POULTRY AVIAN PRODUCTS**Poultry-Avian meat (including Pigeon meat)****Class B**

Type 7 Poultry Avian products Group 036 Group Letter Code PM

Group 036. Poultry Avian meats are the muscular tissues including adhering fat and skin from poultry carcasses as prepared for wholesale or retail distribution.

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 poultry avian fat.**

Group 036 Poultry Avian meat (including Pigeon meat)

Code No.	Commodity
PM 0110	Group of avian meat (includes all commodities in Group 036)
PM 0840	Chicken, meat Several breeds of <i>Gallus gallus</i> L. and other <i>Gallus</i> spp.
PM 0841	Duck, meat Breeds of <i>Anas platyrhynchos</i> L. and other <i>Anas</i> spp.
PM XXXX	Duck, Muscovy, meat <i>Cairina moschata</i> L.
-	Dove, Collared, meat, see Pigeon, meat PM 0846 <i>Streptopelia</i> spp.
-	Dove, Turtle, meat, see Pigeon, meat PM 0846 <i>Streptopelia</i> spp.
PM 0850	Emu, meat <i>Dromaius novaehollandiae</i>
PM 0842	Goose, meat <i>Anser anser</i> L.; other <i>Anser</i> spp.
PM XXXX	Grouse, meat <i>Tetraonini</i> tribe species
PM 0843	Guinea-fowl, meat Breeds of <i>Numida meleagris</i>
PM 0851	Ostrich, meat <i>Struthio camelus</i> L.
PM 0844	Partridge, meat <i>Perdrix</i> spp. and <i>Alectoris</i> spp.
PM XXXX	Peafowl, green, meat <i>Pavo muticus</i> L.
PM 0845	Pheasant, meat Breeds of <i>Phasianus colchicus</i> and other <i>Phasianus</i> spp. and ssp.

PM 0846	Pigeon, meat Breeds of <i>Columba livia</i> Gmelin: other <i>Columba</i> spp.; <i>Streptopelia</i> spp.
PM 0847	Quail, meat <i>Coturnix coturnix</i> L.; <i>Colinus virginianus</i> ; <i>Lophotyx californicus</i> ; <i>Coturnix japonica</i> L.
-	Quail, Bobwhite meat , see Quail, meat, PM 0847 <i>Colinus virginianus</i>
-	Quail, California meat , see Quail, meat, PM 0847 <i>Lophotyx californicus</i>
-	Quail, Japanese, meat see Quail, meat, PM 0847 <i>Coturnix japonica</i> L.
PM XXXX	Rhea, American, meat <i>Rhea americana</i> L.
PM XXXX	Swan, mute, meat <i>Cygnus olor</i> Gmelin
PM 0848	Turkey, meat Breeds of <i>Meleagris gallopavo</i> L.

Poultry Avian fats**Class B**

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

Poultry Avian fats are derived from the fatty tissues of avian animals. 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 Poultry Avian meat.

Group 037 **Poultry Avian fats**

Code No. **Commodity**

PF 0111	Group of avian fats (includes all commodities in Group 037)
PF 0840	Chicken, fat
PF 0841	Duck, fat
PF 0850	Emu, fat
PF 0842	Goose, fat
PF 0851	Ostrich, fat
PF 0848	Turkey, fat

Poultry Avian, Edible offal of**Class B**

Type 7 Poultry Avian products Group 038 Group Letter Code PO

Poultry Avian edible offal's are such edible tissues and organs, other than avian meat and avian fat, from slaughtered avian animals as have been passed 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.

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 Poultry, Avian, Edible offal of

<u>Code No.</u>	<u>Commodity</u>
PO 0111	Group of avian, Edible offal of (includes all commodities in Group 038)
PO 0113	Poultry skin
PO 0840	Chicken, edible offal of
PO 0841	Duck, edible offal of
PO 0850	Emu, edible offal of
PO 0842	Goose, edible offal of
PO 0849	Goose, liver
PO 0851	Ostrich, edible offal of
PO 0848	Turkey, edible offal of

Eggs**Class B****Type 7 Poultry 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 Poultry Avian meats.

Group 039 Eggs

<u>Code No.</u>	<u>Commodity</u>
PE 0112	Group of eggs (includes all commodities in Group 039)
PE 0840	Chicken, eggs
PE 0841	Duck, eggs
PE 0850	Emu, eggs
PE 0842	Goose, eggs
PE 0851	Ostrich, eggs
PE 0847	Quail, eggs
PE XXXX	Rhea, American, eggs

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 animal metabolism or through water pollution. The fleshy parts of the animals and, to a lesser extent, milt and roe are consumed.

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

Group 040 Freshwater fish**Class B**

Type B 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

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

Subgroup 040A Barbs

<u>Code No.</u>	<u>Commodity</u>
WF XXXX	Subgroup of Barbs (includes all commodities in this subgroup)
WF 0855	Barbs <i>Puntius</i> spp.; syn: <i>Barbus</i> Cuvier spp.
-	Barb, silver see Barbs, WF 0855
	<i>Barbonymus gonionotus</i> Bleeker

Subgroup 040B Carps

Code No.	Commodity
WF XXXX	Subgroup of Carps (includes all commodities in this subgroup)
WF 0858	Bream <i>Abramis brama</i> L.; other <i>Abramis</i> spp.
WF XXXX	Bream, Wuchang <i>Megalobrama amblycephala</i> P. L. Yih
WF 0859	Carps <i>Cyprinus carpio</i> L.; <i>Ctenopharyngodon idella</i> ; other spp. of the family <i>Cyprinidae</i>
-	Carp, Chinese , see Carp, WF 0859
-	Carp, Common , see Carps, WF 0859 <i>Cyprinus carpio</i> L.
-	Carp, Crucian see Carps, WF 0859 <i>Carassius Carassius</i>
-	Carp, Grass , see Carps, WF 0859 <i>Ctenopharyngodon Idella</i>
WF 0860	Carp, Indian <i>Labeo rohita</i> ; <i>L. calbassa</i> ; <i>Catla catla</i> ; <i>Cirrhinus mrigala</i>
-	Carp, Silver see Carps, WF 0859 <i>Hypophthalmichthys molitrix</i>
WF 0862	Gobies, Freshwater <i>Gobio gobio</i> L.; syn: <i>G. fluviatilis</i> Agass; other freshwater spp. of the family <i>Gobiidae</i>
-	Rhinofishes , see Carp, Indian, WF 0860 <i>Labeo</i> spp. among other <i>Labeo rohita</i> <i>Labeo calbassa</i>
WF 0867	Roaches <i>Rutilus rutilus</i> L.; syn: <i>Leuciscus rutilus</i> L.; other <i>Rutilus</i> (syn: <i>Leuciscus</i>) spp.

Subgroup 040C Catfishes

Code No.**Commodity**

WF XXXX

Subgroup of Catfishes

(includes all commodities in this subgroup)

WF 0861

Catfishes (freshwater)*Ictalurus punctatus* and other *Ictalurus* spp. (North America); *Bagrus* spp. (Africa);*Kryptopterus* spp. (Asia); *Clarias* spp. (Africa/Asia); *Silurus glanis* L. (Europe, USSR); *Tandanus tandanus* (Australia)- **Catfish, *Clarias* see Catfishes (freshwater),** WF 0861***Clarias* spp.**- **Channel catfish, see Catfishes (freshwater),** WF 0861*Ictalurus punctatus*

Subgroup 040D Perches

Code No.	Commodity
WF XXXX	Subgroup of Perches (includes all commodities in this subgroup)
WF 0856	Black bass <i>Micropterus salmonides</i> ; <i>Micropterus</i> spp.
WF 0857	Bluegill sunfish (or Bluegill bream) <i>Lepomis macrochirus</i>
WF 0869	Cod, Murray <i>Maccullochella peeli</i> (Australia)
WF XXXX	Goby, Marble <i>Oxyeleotris marmorata</i> Bleeker
WF 0863	Gourami (Asia) <i>Osphronemus goramy</i> ; <i>Trichogaster pectoralis</i> ; <i>Helostoma temmincki</i>
WF 0864	Perch <i>Perca fluviatilis</i> L.; <i>P. flavescens</i> ; <i>Aspledinotus grunniens</i>
-	Perch, American yellow , see Perch, WF 0864 <i>Perca flavescens</i>
WF XXXX	Perch, Chinese <i>Perca chuatsi</i> Basilewsky
WF XXXX	Perch, Climbing <i>Anabas testudineus</i> Bloch
-	Perch, European , see Perch, WF 0864 <i>Perca fluviatilis</i> L.
WF 0870	Perch, Golden <i>Macquaria ambigua</i> (Australia)
-	Perch, White , see Perch, WF 0864 <i>Aspledinotus grunniens</i> ; syn: <i>Pomoxis annularis</i> Raf.
WF 0866	Pikeperch <i>Sander lucioperca</i> L.; syn: <i>Lucioperca sandra</i> Cuv.
WF XXXX	Snakehead, Striped <i>Channa striata</i> 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 XXXX	Subgroup of Tilapias (includes all commodities in this subgroup)
WF 0868	Tilapias <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)
-	Tilapia, Blue see Tilapia, WF 0868 <i>Oreochromis aureus</i>
-	Tilapia, Nile see Tilapia, WF 0868 <i>Oreochromis niloticus</i>
-	Mozambique tilapia , see Tilapias, WF 0868

Subgroup 040F Various other freshwater fishes

<u>Code No.</u>	<u>Commodity</u>
WF XXXX	Subgroup of Various other freshwater fishes (includes all commodities in this subgroup)
-	Amur pike , see Pike, WF 0865 <i>Esox reicherti</i>
-	Brown trout, See Trout, WD 0123 in Group 041, Diadromous fishes
WF XXXX	Eel, Swamp, Asian <i>Monopterus albus</i> Zuiew
-	Northern pike , see Pikes, WF 0865 <i>Esox lucius</i> L.
WF XXXX	Pangasius <i>Pangasius</i> spp.
WF 0865	Pike <i>Esox lucius</i> L.; <i>E. reicherti</i>
-	Shark, iridescent see Pangasius, WF XXXX <i>Pangasianodon hypophthalmus</i> Sauvage Syn: <i>Pangasius hypophthalmus</i> Sauvage

Group 041 Diadromous fish**Class B**

Type B **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).**

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**

Code No.**Commodity**

WD 0120

Group of diadromous fish

(includes all commodities 041)

Subgroup 041A**Atlantic Salmons****Code No.****Commodity**

WD XXXX

Subgroup of Atlantic Salmons

(includes all commodities in this subgroup)

WD 0893

Salmon, Atlantic*Salmo salar* L.;syn: *Trutta salar* L.**Atlantic salmon, see Subgroup of Salmon, Atlantic**

Subgroup 041B Pacific Salmons**Code No.****Commodity**

WD XXXX

Subgroup of Pacific Salmons

(includes all commodities in this subgroup)

- **Cherry salmon**, see Subgroup Salmon, Pacific, WD 0121
Oncorhynchus masou
- **Chinook salmon**, see Subgroup Salmon, Pacific, WD 0121
Oncorhynchus tshawytscha
- **Chum salmon**, see Subgroup Salmon, Pacific, WD 0121
Oncorhynchus keta
- **Coho salmon**, see Subgroup Salmon, Pacific, WD 0121
Oncorhynchus kisutch
- **Keta salmon**, see Subgroup Salmon, Pacific, WD 0121
Oncorhynchus keta
- **King salmon**, see Subgroup Salmon, Pacific, WD 0121
Oncorhynchus tshawytscha
- **Medium red salmon**, see Subgroup Salmon, Pacific, WD 0121
Oncorhynchus kisutch
- **Pacific salmon**, see Subgroup Salmon, Pacific, WD 0121
- **Pink salmon**, see Subgroup Salmon, Pacific, WD 0121
Oncorhynchus gorbuscha
- **Salmon, Pacific**, see Subgroup Salmon, Pacific at the beginning of this group
- 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 Subgroup Salmon, Pacific, WD 0121
Oncorhynchus kisutch
- **Sockeye Salmon**, see Subgroup Salmon, Pacific, WD 0121
Oncorhynchus nerka
- **Spring salmon**, see Subgroup Salmon, Pacific, WD 0121
Oncorhynchus tshawytscha

Subgroup 041C Eels**Code No. Commodity****WD XXXX Subgroup of Eels**

(includes all commodities in this subgroup)

WD 0890 Eels*Anguilla anguilla* (L.); *A. japonica*; *A. rostrata*; *A. australis*;
A. reinhardtii- **Eel, American**, see Eels, WD 0890*Anguilla rostrata*- **Eel, Australian**, see Eels, WD 0890*Anguilla australis*; *A. reinhardtii*- **Eel, European**, see Eels, WD 0890*Anguilla anguilla* L.- **Eel, Japanese**, see Eels, WD 0890*Anguilla japonica***Subgroup 041D Smelts****Code No. Commodity****WD XXXX Subgroup of Smelts**

(includes all commodities in this subgroup)

WD 0895 Smelt*Osmerus eperlanus* L.;
O. mordax; other *Osmerus* spp.- **Smelt, European**, see Smelt, WD 0895*Osmerus eperlanus* L.**WD XXXX Smelt, Pond***Hypomesus olidus* Pallas- **Smelt, Rainbow**, see Smelt, WD 0895*Osmerus mordax*

Subgroup 041E Trouts**Code No.****Commodity**

WD XXXX

Subgroup of Trouts

(includes all commodities in this subgroup)

- **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 **Lake 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
 Salmo gairdneri;
 syn: *S. irrideus* Gibbons
- 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 diadramous fishes**Code No. Commodity****WD XXXX Subgroup of various other diadramous fishes**

(includes all commodities in this subgroup)

WD 0898 Barramundi*Lates calcarifer* (Australia, Indo-Pacific)**- Giant sea perch**, see Barramundi, WD 0898**WD 0891 Milkfish***Chanos chanos***WD 0897 Nile perch***Lates niloticus***WD 0892 Paddle fish***Polyodon spathula*; other species of the family *Polyodontidae***WD XXXX River lamprey, European***Lampetra fluviatilis* L.~~Sea catfish, see Group 042: Marine fishes~~**WD 0894 Shad***Alosa* spp.;*Hilsa* spp.**WD 0896 Sturgeon***Acipenser sturio* L.; other spp. of the family *Acipenseridae***WD XXXX Whitefishes***Coregonus* 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).**

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

Code no.

Commodity

WS 0125

Group of marine fish

(includes of all commodities in Group 042)

Subgroup 042A Cod and Cod-like fishes

Code no.	Commodity
WS 0126	Subgroup of Cod and Cod-like fishes (includes all commodities in Subgroup 042A)
-	Coalfish , see Pollack, WS 0946 <i>Pollachius virens</i> L.; syn: <i>Gadus virens</i> L. see also Subgroup Cod and Cod-like fishes
WS 0927	Cod 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> see also Subgroup Co and Cod-like fishes
-	Cod, Atlantic , see Cod, WS 0927 <i>Gadus morhua</i> L.; syn: <i>G. callarius</i> L.
-	Cod, Greenland , see Cod, WS 0927 <i>Gadus ogac</i> Richardson
-	Cod, Pacific , see Cod, WS 0927 <i>Gadus macrocephalus</i>
WS 0934	Haddock <i>Gadus aeglefinus</i> L.; syn: <i>Melanogrammus aeglefinus</i> L. see also Subgroup Cod and Cod-like fishes
WS 0935	Hakes <i>Merluccius merluccius</i> (L.); other <i>Merluccius</i> spp. see also Subgroup Cod and Cod-like fishes
WS 0946	Pollack <i>Polachius polachius</i> L.; syn: <i>Gadus polachius</i> L. see also Subgroup Cod and Cod-like fishes
WS XXXX	Pollack, Alaska <i>Gadus chalcogrammus</i> Pallas
WS 0954	Whiting <i>Gadus merlangus</i> L. see also Subgroup Cod and Cod-like fishes
WS XXXX	Whiting, Blue <i>Micromesistius poutassou</i> A. Risso

Subgroup 042B Flat-fishes

Code no.	Commodity
WS 0127	Subgroup of Flat-fishes (includes all commodities in Subgroup 042B)
-	Brill , see Turbot, WS 0953 <i>Scophthalmus rhombus</i> (L.); syn: <i>Rhombus laevis</i> Rondelet
WS 0929	Dab or Common dab <i>Limanda limanda</i> L. see also Subgroup Flat fishes
WS 0932	Flounders <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> see also Subgroup Flatfishes
WS 0936	Halibut <i>Hippoglossus hippoglossus</i> L.; <i>H. stenolepis</i> ; <i>Reinhardtius hippoglossoides</i> Walbaum see also Subgroup Flatfishes
-	Halibut, Atlantic , see Halibut, WS 0936 <i>Hippoglossus hippoglossus</i> L.
-	Halibut, Greenland , see Halibut, WS 0936 <i>Reinhardtius hippoglossoides</i> Walbaum
-	Halibut, Pacific , see Halibut, WS 0936 <i>Hippoglossus stenolepis</i>
WS 0945	Plaice <i>Pleuronectes platessa</i> L.; <i>P. quadrituberculata</i> see also Subgroup Flatfishes
-	Plaice, Alaska , see Plaice WS 0945 <i>Pleuronectes quadrituberculata</i>
-	Plaice, European , see Plaice WS 0945 <i>Pleuronectes platessa</i> L.
WS 0951	Sole <i>Solea solea</i> L.; syn: <i>S. vulgaris</i> Quensel see also Subgroup Flat fishes

WS 0953

Turbot*Scophthalmus maximus* L.;syn: *Rhombus maximus* (L.)

see also Subgroup Flatfishes

~~WS 5041~~**Witch flounder**, see Flounders WS 0932*Glyptocephalus cynoglossus* L.

WS XXXX

Yellowfin sole*Limanda aspera* Pallas

-

Yellowtail flounder, see Flounders, WS 0932*Limanda ferruginea*

Subgroup 042C Mackerel and Mackerel-like fishes

<u>Code no.</u>	<u>Commodity</u>
WS 0128	Subgroup of Mackerel and Mackerel-like fishes (includes all commodities in Subgroup 042C)
WS 0129	Subgroup of Mackerel and Jack Mackerel According to Codex Stan. 119-1981 includes species of the following families and genera Mackerel: <i>Scombridae</i> ; <i>Scomber</i> spp.; <i>Rastrelliger</i> spp. Jack Mackerel: <i>Carangidae</i> ; <i>Trachurus</i> spp.; <i>Decapterus</i> spp. For scientific names see individual species
-	Horse mackerel , see Jack Mackerel, WS 0938 <i>Trachurus</i> spp.; several spp. see also Subgroup Mackerel and Jack Mackerel
-	Indian mackerel , see Mackerel, WS 0941 <i>Rastrelliger kanagurta</i> ; other <i>Rastrelliger</i> spp.
WS 0938	Jack mackerel 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. see also Subgroup Mackerel and Jack Mackerel
WS 0939	King mackerel <i>Scomberomorus</i> spp., including <i>S. cavalla</i> ; <i>S. comerson</i> ; <i>S. guttatus</i> see also Subgroup Mackerel and Mackerel like fishes
WS 0941	Mackerel According to Codex Stan. 119-1981 Mackerel includes species of the following families and genera: <i>Scombridae</i> ; <i>Scomber</i> spp.; <i>Rastrelliger</i> spp. Such as: <i>Scomber</i> , <i>scombrus</i> L.; <i>Scomber japonicus</i> ; other <i>Scomber</i> spp; <i>Rastrelliger kanagurta</i> ; <i>R. brachysoma</i> ; other <i>Rastrelliger</i> spp. see also Subgroup (a) Mackerel and Jack Mackerel (b) Mackerel and Mackerel-like fishes

- **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
- **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	Subgroup of Tunas and Bonitos (includes all commodities in Subgroup 042D)
-	Albacore , see Subgroup Tuna and Bonito , WS 0952 <i>Thunnus alalunga</i> (Bonnaterre)
-	Bigeye tuna , see Tuna, WS 0952
-	Blackfin tuna , see Tuna, WS 0952
WS 0924	Bonito 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> — see also Subgroup Tuna and Bonito
-	Bonito, Atlantic , see Bonito, WS0924 <i>Sarda sarda</i> (Bloch)
-	Bonito, Eastern Pacific , see Bonito, WS 0952 <i>Sarda chiliensis</i>
-	Longtail tuna , see Tuna, Longtail
-	Northern bluefin tuna , see Subgroup Tuna and Bonito , WS 0952 <i>Thunnus thynnus thynnus</i> L.
-	Skipjack tuna , see Subgroup Tuna , WS 0952 <i>Katsuwonus pelamis</i> L.; syn: <i>Euthynnus pelamis</i> L.
-	Southern bluefin tuna , see Tuna, WS 0952 <i>Thunnus maccoyii</i> ; syn: <i>Thunnus thynnus maccoyii</i>
WS 0952	Tuna According to Codex Stan. 70-1981 Tuna includes: <i>Thunnus alalunga</i> (Bonnaterre); <i>Th. Albacares</i> ; <i>Th. Atlanticus</i> ; <i>Th. Obesus</i> ; <i>Th. thynnus maccoyii</i> ; <i>Th. thynnus orientalis</i> ; <i>Th. thynnus thunnus</i> L.; <i>Th. Tongoll</i> ; <i>Euthynnus affinus</i> ; <i>Eu. Alletteratus</i> ; <i>Eu. Lineatus</i> ; <i>Eu. pelamis</i> L.; syn: <i>Katsuwonus pelumis</i> L.
-	Tuna, Bigeye , see Tuna, WS 0952 <i>Thunnus obesus</i>
-	Tuna, Blackfin , see Tuna, WS 0952 <i>Thunnus atlanticus</i>
-	Tuna, Bluefin , see Tuna, WS 0952 <i>Thunnus thynnus</i> L.; <i>Th. Maccoyii</i>

WS XXXX

Tuna, Bullet*Auxis rochei* Risso

- **Tuna, Longtail**, see Tuna, WS 0952

Thunnus Tongoll

- **Tuna, Skipjack**, see Tuna, WS 0952

Katsuwonis pelamis L.;syn: *Euthynnus pelamis* L.

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

Thunnus albacares

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

Subgroup 042E Herring like fishes

Code no.	Commodity
WS XXXX	Subgroup of herring like fishes (includes all commodities in this subgroup)
WS 0920	Anchovies <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
-	European sardine , see Subgroup Sardines and Sardine type fishes <i>Sardina pilchardus</i> (Walbaum) WS 0130
WS 0937	Herring <i>Clupea harengus</i> L.; <i>C. pallasii</i> ; other <i>Clupea</i> spp. N.B. For small fishes of these species see also Sub-Group Sardines and Sardine-type fishes
-	Herring, Atlantic , see Herring WS 0937 <i>Clupea harengus</i> L.
-	Herring, Pacific , see Herring WS 0937 <i>Clupea pallasii</i>
WS 0942	Menhaden <i>Brevoortia</i> spp.
-	Oil sardine , see Sardines and Sardine type fishes, WS 0130 <i>Sardinella</i> spp.
WS 0130	Sardines and Sardine-type fishes 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> Valenciennes; 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> ; <i>Sprattus sprattus phalericus</i> (Risso), Syn: <i>Clupea sprattus</i> L. (Sprat); <i>Hyperlophus vittatus</i> ; <i>Nematolosa vlaminghi</i> ; <i>Etrumeus microps</i> ; <i>Ethmidium maculatus</i> ; <i>Engraulis achoita</i> (Argentine anchovy); <i>E. ringens</i> (Peruvian anchovy)

- **Sardinella or Oil sardine**
see Subgroup Sardines and Sardine-type fishes, WS 0130
Sardinella spp.
- **Sardine, European**
see Subgroup Sardines and Sardine-type fishes, WS 0130
Sardina pilchardus Walbaum

Subgroup 042F Sharks

Code no.	Commodity
WS XXXX	Subgroup of sharks (includes all commodities in this subgroup)
-	Liveroil shark , see Sharks, WS 0131 <i>Galeorhinus galeus</i> L.; other <i>Galeorhinus</i> spp.
-	Porbeagle , see Sharks, WS 0131 <i>Lamna nasus</i> (Bonaterre)
WS 0948	Rays Spp. of the family <i>Rajidae</i>
-	Requiem shark , see Sharks, WS 0131 spp. of the family <i>Carcharinidae</i> of the Order of <i>Selachii</i>
	Shark, see Subgroup Sharks
WS 0131	Sharks Includes: <i>Mustelus</i> spp., <i>Squalis</i> spp., <i>Lamna nasus</i> (Bonaterre), <i>Galeorhinus</i> spp., and <i>Carcharinidae</i> spp. Porbeagle, Requiem sharks, Smooth hounds, Spiny dogfish, Liveroil sharks
-	Shark, blue , see Sharks, WS 0131 <i>Prionace glauca</i> L.
-	Smooth hounds , see Sharks, WS 0131 <i>Mustelus</i> spp.
-	Spiny dogfish , see Sharks, WS 0131 <i>Squalis acanthias</i> L.; other <i>Squalis</i> spp.

Subgroup 042G Various other Marine fishes

<u>Code no.</u>	<u>Commodity</u>
WS XXXX	Subgroup of various other marine fishes (includes all commodities in this subgroup)
WS XXXX	Alfonsinos <i>Beryx</i> spp.
WS 0921	Barracudas <i>Sphyraena</i> spp.
WS 0922	Bluefish <i>Pomatomus saltatrix</i>
WS 0923	Bogue <i>Boops boops</i> (L.); syn: <i>Box boops</i> Bonaparte
WS 0956	Bream, Silver <i>Acanthopagrus australis</i> (Australia)
WS XXXX	Bream, Gilt-head <i>Sparus aurata</i> L.
WS 0925	Butterfish Species of the family <i>Stromateidae</i>
WS 0926	Capelin <i>Mallotus villosus</i> Müller
WS XXXX	Catfish, Ariid <i>Ariidae</i> family
-	Catfish, Sea , see Wolffish
WS 0928	Conger or Conger eel <i>Conger conger</i> (L.); <i>C. oceanicus</i> ; <i>C. orbignyanus</i> ; <i>Astroconger myriaster</i>
-	Conger, European , see Conger <i>Conger conger</i> (L.); syn: <i>C. vulgaris</i> Cuv.
WS XXXX	Cusk <i>Brosme brosme</i> Ascanius
WS XXXX	Cusk-eels <i>Ophidiidae</i> family
WS XXXX	Cutlassfishes <i>Trichiuridae</i> family
WS XXXX	Dentex Dentex spp.
WS 0930	Dolphinfish <i>Coryphaena hippurus</i> L.
-	Dorado , see Dolphinfish WS 0930
WS XXXX	Dories, true <i>Zeidae</i> family

WS 0931	Drums Species of the family <i>Sciaenidae</i>
WS 0933	Garfish <i>Belone belone</i> (L.); syn: <i>B. acus</i> Risso
WS XXXX	Groupers <i>Epinephelus spp.</i>
WS 0940	Ling <i>Molva molva</i> L.; <i>M. byrkelange</i> Walbaum; syn: <i>M. dipterygia</i> ; <i>M. elongata</i> Otto
WS XXXX	Monkfishes <i>Lophius spp.</i>
WS 0943	Mullets (among others Mullet, red; Mullet, striped) <i>Mugil cephalus</i> <i>Mullus surmeletus</i> L.; other spp of the family <i>Mugilidae</i>
WS XXXX	Norway pout <i>Trisopterus esmarkii</i> Nilsson
WS 0944	Ocean Perch According to Codex Stan. 51-1981 includes <i>Sebastes marinus</i> L.; <i>S. mentella</i> ; <i>S. viviparus</i> Kroyer; <i>S. alutus</i> ; <i>Scorpaena dactyloptera</i> Delaroche; <i>Helicolenus maculatus</i>
WS 0947	Pomfret, Atlantic <i>Brama brama</i> ; syn: <i>B. raii</i> Bloch
-	Salema , see Boque WS 0923 <i>Boops salpa</i> (L.); syn: <i>Sarpa salpa</i> L.
WS 0957	Salmon, Threadfin <i>Polydactylus sheridani</i> (Australia)
WS XXXX	Salmon-bass <i>Argyrosomus regius</i> Asso
WS XXXX	Sandlace, Pacific <i>Ammodytes personatus</i> Girard

WS XXXX 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
Anarichas spp.

WS XXXX Swordfish*Xiphias gladius* L.

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

WS XXXX Threadfins*Polynemidae*(family)**WS 0955 Wolffish**

Anarhichas lupus L.;
A. minor Olafsson

WS XXXX Yellow croaker*Larimichthys polyactis* Bleeker

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	Group of Fish roe (including milt= soft roe) and edible offal of fish (includes all commodities in Group 043)

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

<u>Code No.</u>	<u>Commodity</u>
WR XXXX	Subgroup of Fish roe (including milt= soft roe) (includes all commodities in Group 043A)
WR 0121	Salmon roe, Pacific (d)
WR 0131	Shark liver (m)
WR 0922	Bluefish, roe (m)
WR 0927	Cod, roe (m)
WR 0930	Dolphinfish, roe (m)
WR 0932	Flounder, roe (m)
WR 0937	Herring, roe (m)
WR XXXX	Lumpfish, roe (m)
WR 0941	Mackerel, roe (m)
WR 0943	Mullet, roe (m)
WR 0893	Salmon roe, Atlantic (d)
WR 0894	Shad, roe (d)
WR 0896	Sturgeon, roe (d)
WL 0927	Cod liver (m)

Subgroup 043B Edible offal of fish

Code No. Commodity**WR XXXX Subgroup of edible offal of fish**

(includes all commodities Subgroup 043B)

WL 0131 Shark, liver (m)**WL 0927 Cod, liver (m)**

Marine mammals**Class B**

Type 8 Aquatic animal products Group 044 Group Letter Code WM

Several sea mammals are caught on a large scale. The meat of various species is used as food or feed in some areas of the world. The blubber (=whale or seal fat) fat and train oil (oil derived from whale fat) is used after processing as raw material in food or feed manufacture; the sperm oil, as well as the spermaceti (a waxy substance from the head of sperm whales) is mainly used in cosmetics and some other industrial products.

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

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 meat

Subgroup 044B Fat of marine mammals, unprocessed

Group 044 Marine mammalian products

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

Subgroup 044A Marine mammalian meat

<u>Code No.</u>	<u>Commodity</u>
WM XXXX	Subgroup of Marine mammalian meat (includes all commodities in Group 044A)

~~WM 0142 Fat of Dolphins, Seals and Whales, unprocessed~~

WM 0970	Dolphins spp. of the family <i>Dolphinidae</i>
-	Dolphin, Bottlenose , see Dolphins, WM 0970 <i>Tursiops truncatus</i> (Mont.)
-	Dolphin, Humpback , see Dolphins, WM 0970
-	Dolphin, Spinner , see Dolphins, WM 0970 <i>Stenella longirostris</i>
-	Porpoise , see Whales, WM 0972 <i>Phocaena phocaena</i>
-	Sea-lions , see Seals, WM 0971 <i>Otaria</i> spp.; <i>Eumetopius</i> spp.; <i>Zalophus</i> spp. (all Pacific Ocean)
WM 0971	Seals spp. of the families <i>Otariidae</i> , <i>Phocidae</i> and <i>Trichechidae</i> . syn: <i>Odobenidae</i>
-	Seal, Common , see Seals, WM 0971 <i>Phoca vitulina</i>

- **Seals, Eared**, see Seals, WM 0971
Otariidae spp.
- **Seals, Earless**, see Seals, WM 0971
Phocidae spp.
- **Seals, Fur**, see Seals, WM 0971
Arctocephalus pusillus (South Africa);
A. australis (South America, Australia);
Callorhinus ursinus (North Atlantic)
- **Seal, Grey**, see Seals, WM 0971
Halichoerus grypus (North Atlantic)
- **Seal, Harp**, see Seals WM 0971
Pagophilus groenlandicus (North Atlantic)
- **Seal, Hooded**, see Seals, WM 0971
Cystophora cristata (North Atlantic)
- **Seal, Ringed**, see Seals, WM 0971
Phoca hispida (North Atlantic)
- WM 0972 **Whales**
spp. of the zoological order of the *Cetacea*
- **Whales, Baleen**, see Whales WM 0972
spp. of the family *Balaenopteridae* (Sub-order *Mystacoceti*)
- **Whale, Blue**, see Whales, WM 0972
Balaenoptera musculus
- **Whale, False killer**, see Whales, WM 0972
Pseudorca crassidens
- **Whale, Fin**, see Whales, WM 0972
Balaenoptera physalus
- **Whale, Humpback**, see whales, WM 0972
Megaptera novaeangliae
- **Whale, Killer**, see Whales, WM 0972
Orcinus orca
- **Whale, Minke**, see Whales, WM 0972
Balaenoptera acutorostrata
- **Whale, Sei**, see Whales, WM 0972
Balaenoptera borealis
- **Whale, Short-finned pilot**, see Whales, WM 0972
Globicephala macrorhynchus
- **Whale, Sperm**, see Whales, WM 0972
Physeter catodon
- **Whales, Toothed**, 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 XXXX	Subgroup of fat of marine mammals, unprocessed (includes all commodities in Subgroup 044B)
WM XXXX	Dolphins, fat unprocessed
WM XXXX	Seals, fat unprocessed
WM XXXX	Whales, fat unprocessed

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	Group of Crustaceans (includes all commodities of Group 045)
WC XXXX	Barnacles <i>Cirripedia</i> subclass
WC 0146	Crabs 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)
--	Freshwater crabs, see crabs, WO 0146 Sub-order <i>Brachyura</i>
-	Crab, Blue, see crabs, WO 0146 <i>Callinectes sapidus</i> Rathbun
-	Crab, Edible, see crabs, WO 0146 <i>Cancer pagurus</i> L.
-	Crab, Tanner, see crabs, WO 0146 <i>Chionoecetes</i> spp.
WC 0976	Freshwater crayfishes <i>Astacus</i> spp. (Europe); <i>Procambarus</i> spp. (USA); <i>Eustacus</i> spp. (Australia)
WC 0144	Freshwater crustaceans <i>Astacus</i> spp. (Europe), <i>Procambarus</i> spp. (USA); <i>Macrobrachium</i> spp. (Asia, Australia, South and Middle America); species of the family <i>Palaemonidae</i>

- 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, 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, 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)
- **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 XXXX **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 048 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), 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.**

Five subgroups are defined

Subgroup 048A Crocodiles

Subgroup 048B Frogs

Subgroup 048C Lizards

Subgroup 048D Snakes

Subgroup 048E Turtles

Group 048 ~~Frogs, lizards, snakes and turtles~~ Amphibians and reptiles

Code No. Commodity

AR 0148 **Group of Amphibians and reptiles**

(includes all commodities in Group 048)

Subgroup 048A Crocodiles**Code No. Commodity**

AR XXXX **Subgroup of Crocodiles**

(includes all commodities in Subgroup 048A)

Crocodylus spp.

Subgroup 048B Frogs

Code No.**Commodity**

AR 0990

Subgroup of Frogs

(includes all commodities in Subgroup 048B)

Rana spp.; especially *Rana catesbeiana*;*R. esculenta* L.; *R. dactyla* Lesson; *R. ridibunda* Pall.; *R. tigrina*other spp. of the family *Ranidae*- **Bullfrog**, 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 048C Lizards**

Code No.**Commodity**

AR 0991

Subgroup of Lizards

(includes all commodities in Subgroup 048C)

Species of the zoological suborder *Lacertilia*

Subgroup 048D Snakes

Code No.**Commodity**

AR 0992

Subgroup of Snakes

(includes all commodities in Subgroup 048D)

Several spp. of the zoological order ~~order~~ **clade** *Ophidia***Subgroup 048E Turtles**

Code No.**Commodity**

AR 0993

Subgroup of Turtles

(includes all commodities in Subgroup 048E)

Species of the zoological order ~~Chelonia~~ **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.

AR 0149

Reptiles

Lizards, snakes, turtles

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 (including cephalopods) and other invertebrate animals**Molluscs and various other invertebrate animals****Class B****Type 10 Invertebrate animals Group 049 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 049A Bivalves

Subgroup 049B Cephalopods

Subgroup 049C Snails and slugs

Subgroup 049D Various other invertebrate animals

Group 049 Molluscs and various other invertebrate animals**Code No.****Commodity**

IM 0150

Group of Molluscs and various other invertebrate animals

(includes all commodities in Group 049)

IM 0151

Subgroup of Marine bivalve molluscsSub-class *Lamellibranchia*

Clams, Cockles, Mussels, Oysters, Scallops

IM 0152

Subgroup of Cephalopods

Cuttlefishes, Octopuses, Squids

Subgroup 049A Bivalves

Code No.	Commodity
IM XXXX	Subgroup of bivalves (includes all commodities in this subgroup)
IM 1000	Clams Species of the families <i>Arcidae; Mactridae; Veneridae</i>
-	Clam, ark, see Clams IM 1000
-	Species of the <i>Arcidae</i> family
IM XXXX	Clam, razor
-	<i>Solen marginatus</i> T. Pennant
IM 1001	Cockles <i>Cardium edule</i> L.; other <i>Cardium</i> spp.
-	Cockle, Common , see Cockles IM 1001 <i>Cardium edule</i> L
IM 1003	Mussels <i>Mytilus edulis</i> L. (Europe); <i>M. galloprovincialis</i> Lam. (Mediterranean); <i>M. smaragdinus</i> (Asia); other <i>Mytilus</i> spp.
IM 1004	Oysters (including Cupped oysters) <i>Ostrea edulis</i> L.; other <i>Ostrea</i> spp.; <i>Crassostrea angulata</i> Lam.; syn: <i>Gryphaea angulata</i> Lam.; <i>Crassostrea gigas</i> ; <i>C. virginica</i> ; other <i>Crassostrea</i> spp.
-	Oyster, American cupped , see Oysters IM 1004 <i>Crassostrea virginica</i> (American)
-	Oyster, European , see Oysters IM 1004 <i>Ostrea edulis</i> L.
-	Oyster, Pacific cupped , see Oysters IM 1004 <i>Crassostrea gigas</i> (Asia, Canada)
-	Oyster, Portuguese cupped , see Oysters IM 1004 <i>Crassostrea angulata</i> Lam.; syn: <i>Gryphaea angulata</i> Lam. (S.W. Europe)
-	Oyster, Sydney rock , see Oysters (including Cupped Oysters) IM 1004 <i>Crassostrea commercialis</i> (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
 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, 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 049B Cephalopods

Code No.	Commodity
IM 0152	Subgroup of Cephalopods (includes all commodities in this subgroup)
IM 1002	Cuttlefishes <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
-	Cuttlefish, Common , see Cuttlefishes IM 1002 <i>Sepia officinalis</i> L.
-	Little cuttle , see Cuttlefishes IM 1002 <i>Sepiolo atlantica</i> d'Orbigny; <i>S. rondeleti</i> Leach
IM XXXX	Octopuses <i>Octopus vulgaris</i> Lam.; <i>Eledone cirrhosa</i> Lam.; <i>E. moschata</i> Lam.
-	Octopus, Common , see Octopuses IM XXXX <i>Octopus vulgaris</i> Lam.
-	Octopus, Curled , see Octopuses IM XXXX <i>Eledone cirrhosa</i> Lam.
-	Octopus, Musky , see Octopuses IM XXXX <i>Eledone moschata</i> Lam.
IM 1008	Squids <i>Loligo forbesi</i> Steensrup; <i>L. vulgaris</i> Lam.; other <i>Loligo</i> spp. <i>Allotheuthis subulata</i> lam; <i>Ommastrephes sagittatus</i> Lam.; syn: <i>Todarodes sagittatus</i> Lam.; <i>T. pacificus</i> ; <i>Illex illecebrosus</i> , other <i>Illex</i> spp.
IM 1009	Squid, Common , see Squids IM 1008 <i>Loligo forbesi</i> Steenstrup
-	Squid, European flying , see Squids IM 1008 <i>Ommastrephes sagittatus</i> Lam.; syn: <i>Todarodes sagittatus</i> Lam. (Europe)
-	Squid, Japanese flying , see Squids IM 1008 <i>Todarodes pacificus</i> (Asia)
-	Squid, Short-finned , see Squids IM 1008 <i>Illex illecebrosus</i>

Subgroup 049C Snails and slugs

Code No.**Commodity**

IM XXXX

Subgroup of Snails and slugs

(includes all commodities in this subgroup)

IM XXXX

Abalone*Haliotis asinina* L.

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Giant snail, see Snails, edible (Africa, Asia) IM 1007*Achatina fulica* fer.; *A. achatina*; *Archachatina* spp.

IM XXXX

Limpets*Patellidae* family

IM 1007

Snails, edible*Helix* spp.; *Achatina* spp.

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Snail, Garden, see Snails, edible IM 1007*Helix aspersa* Müller

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Snail, Giant, see Snails, edible IM 1007*Achatina fulica* Fer.; *A. achatina*

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Snail, Roman, see Snails, edible IM 1007*Helix pomatia* L.**Subgroup 049D Various other invertebrate animals**

Code No.**Commodity**

IM XXXX

Subgroup of Various other invertebrate animals

(includes all commodities in this subgroup)

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Beche-de-mer, see Sea-cucumbers IM 1010

IM XXXX

Earthworms*Eisenia fetida* Savigny

IM 1010

Sea-cucumbersspecies of the zoological Order of the *Holothuroidea*

IM 1006

Sea urchinsSpecies of the zoological Order of the *Echinoidea*

IM XXXX

Squirts, Sea*Asciacea* class species

Insects and spiders**Class B****Type 10 Invertebrate animals Group OXX 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 an 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 OXXA Spiders (Arachnida)

Subgroup OXXB Insects (Insecta)

Group OXX Insects and spiders**Code No. Commodity**

IN XXXX **Group of insects and spiders**

(includes all commodities in Group OXX)

Subgroup OXXA Arachnida

Code No. Commodity

IN XXXX **Subgroup of arachnida**

(includes all commodities in this subgroup)

IN XXXX **Spiders**

Organisms belonging to the order of Araneae

IN XXXX **Ticks**

Organism belonging to the order of Ixodida

Subgroup 0XXB	Insecta
Code No.	Commodity
IN XXXX	Subgroup of insects (insecta) (includes all commodities in this subgroup)
IN XXXX	Beetles and weevils Organisms belonging to the order of Coleoptera
IN XXXX	Butterflies and moths Organisms belonging to the order of Lepidoptera
IN XXXX	Caddisflies Organisms belonging to the order of Trichoptera
IN XXXX	Dictyoptera Organisms belonging to the order of Dictyoptera
IN XXXX	Diptera Organisms belonging to the order of Diptera
IN XXXX	Earwigs Organisms belonging to the order of Dermaptera
IN XXXX	Ephemeroptera Organisms belonging to the order of Ephemeroptera
IN XXXX	Hemiptera Organisms belonging to the order of Hemiptera
IN XXXX	Hymenoptera Organisms belonging to the order of Hymenoptera
IN XXXX	Lice Organisms belonging to the order of Phthiraptera
IN XXXX	Megaloptera Organisms belonging to the order of Megaloptera
IN XXXX	Odonata Organisms belonging to the order of Odonata
IN XXXX	Orthoptera Organisms belonging to the order of Orthoptera
IN XXXX	Phasmida Organisms belonging to the order of Phasmida
IN XXXX	Plecoptera Organisms belonging to the order of Plecoptera
IN XXXX	Psocoptera Organisms belonging to the order of Psocoptera
IN XXXX	Termites Organisms belonging to the order of Isoptera

TYPE xx 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 xx	Miscellaneous	Group 0xx	Group Letter Code MU
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Group 0xx	Miscellaneous primary food commodities of animal origin		
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MU XXXX	Honey		
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According to Codex Stan. 12-1981 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 XXXX	Honeycomb		
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MU XXXX	Pollen, bee		
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alternative name bee bread

MU XXXX	Royal jelly		
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LIST OF PARTICIPANTS
(The List applies to all working documents
for Agenda Item 7
See Agenda Item 7(a))