

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of the
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World Health
Organization

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Agenda item 7

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CODEX COMMITTEE ON PESTICIDE RESIDUES

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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 and the 21 June 2023 Pre-meeting are incorporated as shown with green shading.

COMMENTS AND NOTES RECEIVED ON CL 2023/34-PR and Pre-meeting on 21 June 2023

Australia, Canada, Chile, Egypt, Iraq, Japan, Kenya, Norway, Thailand and Uganda provided comments.

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.

The European Union proposed that all species in Annex I of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) be removed from Class B and Class E before final adoption. This issue was not resolved as it may not be within the mandate of Codex and many species have been added for completeness of the Classification.

Additional comments from Australia and Uganda during the pre-meeting held on 21 June 2023 have been incorporated into this document and are also shown with green shading.

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). Changes were made to Class B (Table 9) based on the comments made by Australia. No change were made to Table 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 advance Class B and Class E for final adoption.

**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
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Group 030. Muscle, including adhering fatty tissues such as intramuscular, intermuscular 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	Group of muscle (from mammals other than marine mammals) (includes all commodities in group 030)

Subgroup 030A Bovine muscle

<u>Code No.</u>	<u>Commodity</u>
MM 3700	Subgroup of bovine muscle (includes all commodities in subgroup 030A)
-	Banteng, muscle See cattle muscle, MM 0812 <i>Bos javanicus</i> d'Alton
MM 0810	Buffalo, muscle <i>Bubalus bubalis</i> L. <i>Syncerus caffer</i> Sparrman <i>Bison bison</i> L. <i>Bison bonasus</i> L.
-	Buffalo, African, muscle , see Buffalo, muscle MM 0810 <i>Syncerus caffer</i> Sparrman
-	Buffalo, American, muscle , see Buffalo, muscle, MM 0810 <i>Bison bison</i> L.
-	Buffalo, Cape, muscle , see Buffalo, muscle, MM 0810
-	Buffalo, water, muscle , 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.
-	Bison, European, muscle , see Buffalo, muscle, MM 0810 <i>Bison bonasus</i> L.
-	Calf, muscle , see Cattle, muscle, MM 0812
MM 0812	Cattle, muscle 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, muscle , See Cattle, muscle, MM 0812 <i>Bos frontalis</i> Lam.
-	Veal, muscle , see Cattle, muscle, MM 0812
-	Water buffalo, muscle , see Buffalo, muscle, MM 0810 <i>Bubalus bubalis</i> L.
-	Yak, muscle , see Cattle, muscle, MM 0812

Bos grunniens L.

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

Bos indicus L.

Subgroup 030B Camelid muscle

Code No.

Commodity

MM 3701

Subgroup of camelid muscle

(includes all commodities in subgroup 030B)

MM 0811

Camel, muscle

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

Lama glama L. ; *Lama pacos* L.

- **Alpaca, muscle** See Camel, muscle, MM 0811

Lama pacos L.

- **Camel, Bactrian, muscle**, see Camel, muscle, MM 0811

Camelus bactrianus L.

- **Dromedary, muscle**, see Camel, muscle, MM 0811

Camelus dromedarius L.

- **Llama or lama, muscle**, see Camel, muscle, MM 0811

Breeds of *Lama glama* L.; *Lama pacos* L.

Subgroup 030C Caprine muscle

Code No.

Commodity

MM 3702

Subgroup of caprine muscle

(includes all commodities in subgroup 030C)

MM 0814

Goat, muscle

Breeds of *Capra hircus* L.; other *Capra* spp., several breeds.

Subgroup 030D Cervine muscle

Code No.

Commodity

MM 3703

Subgroup of cervine muscle

(includes all commodities in subgroup 030D)

MM 0834

Antelope

Antelope cervicapra

MM 0813

Deer, muscle

among others *Cervus elaphus germanicus* Desmarest;

Dama dama dama L.; syn: *Cervus dama* Corbet & Hill;

other *Cervus* spp. and ssp.

- **Deer, fallow, muscle**, see Deer, muscle, MM 0813

Dama dama dama L.;

syn: *Cervus dama* Corbet & Hill

-	Deer, red, muscle , see Deer, muscle, MM 0813 <i>Cerphus elaphus</i> L.; other <i>Cerphus</i> spp., several ssp.
MM 0824	Elk, muscle <i>Alces alces</i> (L.)
-	Moose, European, muscle , see Elk, muscle, MM 0824 <i>Alces alces</i> L.
MM 0820	Reindeer, muscle <i>Rangifer tarandus</i> (L.) (dom.)
MM 0821	Roe, muscle <i>Capreolus capreolus capreolus</i> (L.)

Subgroup 030E Equine muscle

<u>Code No.</u>	<u>Commodity</u>
MM 3704	Subgroup of equine muscle (includes all commodities in subgroup 030E)
MM 0825	Donkey, muscle <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 0826	Hinny, muscle <i>Equus caballus</i> L. x <i>Equus asinus</i> L.
MM 0816	Horse, muscle Several breeds of <i>Equus caballus</i> L.
MM 0827	Mule, muscle <i>Equus asinus</i> L. x <i>Equus caballus</i> L.

Subgroup 030F Ovine muscle

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

Subgroup 030G Swine muscle

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

Subgroup 030H Various other mammalian muscles

<u>Code No.</u>	<u>Commodity</u>
MM 3707	Subgroup of various other mammalian muscles (includes all commodities in subgroup 030H)
MM 0828	Capybara, muscle <i>Hydrochoerus hydrochaeris</i> L.
MM 0829	Dog, muscle <i>Canis familiaris</i> L.
MM 0830	Guinea pig, muscle <i>Cavia porcellus</i> L.
MM 0815	Hare, muscle <i>Lepus europaeus</i> Pallas, several ssp. and var.; <i>L. timidus</i> L., several var.; other <i>Lepus</i> spp.
MM 0817	Kangaroo, muscle Genera of the family <i>Macropodinae</i>
MM 0831	Peccary, collared, muscle <i>Pecari tajacu</i> L.
MM 0832	Possum, muscle several species of the zoological suborder <i>Phalangeriformes</i>
MM 0833	Rat, muscle <i>Rattus</i> spp.
MM 0819	Rabbit, muscle <i>Oryctolagus cuniculus</i> L. ; <i>O. cuniculus fodiens</i> (Gray) ; <i>Lepus cuniculus</i> L. ; <i>Sylvilagus</i> spp.
-	Wallaby muscle , 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 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	Group of Mammalian fats (except milk fats) (includes all commodities in group 031)

Subgroup 031A Bovine fat

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

Subgroup 031B Camelid fat

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

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	Group of Edible offal (Mammalian)

(includes all commodities of group 032)

Subgroup 032A Bovine edible offal

Code No. Commodity

MO 3700 **Subgroup of bovine edible offal**

(includes all commodities in subgroup 032A, (see subgroup 030A for species included in the group of bovine))

MO 0810 **Buffalo, edible offal of**

MO 1282 **Buffalo, kidney**

MO 1283 **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 3701 **Subgroup of camelid edible offal**

(includes all commodities in subgroup 032B , (see subgroup 030A for species included in the group of camelid))

MO 0811 **Camel, edible offal of**

MO 1286 **Camel, kidney**

MO 1287 **Camel, liver**

Subgroup 032C Caprine edible offal

Code No. Commodity

MO 3702 **Subgroup of caprine edible offal**

(includes all commodities in subgroup 032C, (see subgroup 030C for species included in the group of caprine))

MO 0814 **Goat, edible offal of**

MO 1290 **Goat, liver**

MO 1291 **Goat, kidney**

Subgroup 032D Cervine edible offal

Code No. Commodity

MO 3703 **Subgroup of cervine edible offal**

(includes all commodities in subgroup 032D, (see subgroup 030D for species included in the group of cervine))

MO 0813 **Deer, edible offal of**

MO 1294 **Deer, kidney**

MO 1295 **Deer, liver**

Subgroup 032E Equine edible offal

Code No. Commodity

MO 3704 **Subgroup of equine edible offal**

(includes all commodities in subgroup 032E, (see subgroup 030E for species included in the group of equine))

MO 0825 **Donkey, edible offal of**

MO 1296 **Donkey, kidney**

MO 1297 **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 3705 **Subgroup of ovine edible offal**

(includes all commodities in subgroup 032F, (see subgroup 030F 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 3706 **Subgroup of swine edible offal**

(includes all commodities in subgroup 032G, (see subgroup 030G for species included in the group of swine))

MO 0818 **Pig, edible offal of**

MO 1284 **Pig, kidney**

MO 1285 **Pig, liver**

MO 1298 **Pig, skin**

MO 0823 **Wild boar, edible offal of**

Subgroup 032H Various other mammalian edible offal

<u>Code No.</u>	<u>Commodity</u>
MO 3707	Subgroup of various other mammalian edible offal (includes all commodities in subgroup 032H, (see subgroup 030H for species included in the group of various other mammals))
MO 0815	Hare, edible offal of
MO 1299	Hare, kidney
MO 1300	Hare, liver
MO 0817	Kangaroo, edible offal of
MO 1301	Kangaroo, kidney
MO 1302	Kangaroo, liver
MO 1303	Possum, edible offal of
MO 1304	Possum, kidney
MO 1305	Possum, liver
MO 0819	Rabbit, edible offal of
MO 1306	Rabbit, kidney
MO 1307	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 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	Group of milks (includes all commodities in group 033)

Subgroup 033A Bovine milk

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

Subgroup 033B Camelid milk

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

Subgroup 033C Caprine milk

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

Subgroup 033D Cervine milk

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

Subgroup 033E Equine milk

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

Subgroup 033F Ovine milk

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

TYPE 7 AVIAN PRODUCTS**Class B**

Type 7 Avian products Group 036 Group Letter Code PM

Avian muscle

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	Group of avian muscle (includes all commodities in group 036)
PM 0840	Chicken, muscle Several breeds of <i>Gallus gallus</i> L. and other <i>Gallus</i> spp.
PM 0841	Duck, muscle Breeds of <i>Anas platyrhynchos</i> L. and other <i>Anas</i> spp.
PM 0852	Duck, Muscovy, muscle <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
- Lephotyx 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

Avian fats

Fat is the lipid-based tissue that is trimmable from an animal carcass or cuts from an animal carcass. It may include 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**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

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.

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

Code No. Commodity

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 **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	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 0843	Guinea-fowl, eggs
PE 0851	Ostrich, eggs
PE 0847	Quail, eggs
PE 0838	Rhea, American, eggs
PE 0848	Turkey, 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 feed exposure, 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 (edible portion).**

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 freshwater (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 3710	Subgroup of Barbs (includes all commodities in subgroup 40A)
WF 0855	Barbs <i>Puntius</i> spp. ; syn: <i>Barbus</i> Cuvier spp.
-	Barb, silver see Barbs, WF 0855 <i>Barbonymus gonionotus</i> Bleeker
WF 0871	Bulatmai barbel

Luciobarbus capito Gldenstdt

WF 0872

Spinubarbus hollandi

Spinibarbus hollandi Ōshima

WF 0873

Qingbo fish

Spinibarbus sinensis Bleeker

Subgroup 040B Carps

Code No.

Commodity

WF 3711

Subgroup of Carps

(includes all commodities in subgroup 40B)

WF 0858

Bream

Abramis brama L.; other *Abramis* spp.

WF 0874

Bream, black

Megalobrama mantschuricus Basilewsky

WF 0875

Bream, Wuchang

Megalobrama amblycephala P. L. Yih

WF 0859

Carps

Cyprinus carpio L.

Ctenopharyngodon idella;

other spp. of the family *Cyprinidae*

WF 0876

Carp, bighead

Aristichthys nobilis J. Richardson

WF 0877

Carp, black

Mylopharyngodon piceus J. Richardson

-

Carp, Chinese, see Carp, WF 0859

-

Carp, common, see Carps, WF 0859

Cyprinus carpio L.

-

Carp, Crucian see Carps, WF 0859

Carassius Carassius

-

Carp, grass, see Carps, WF 0859

Ctenopharyngodon Idella

WF 0860

Carp, Indian

Labeo rohita; *L. calbassa*;

Catla catla; *Cirrhinus mrigala*

WF 0878

Carp, predatory

Chanodichthys erythropterus Basilewsky

-

Carp, silver see Carps, WF 0859

Hypophthalmichthys molitrix

WF 0879	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

<u>Code No.</u>	<u>Commodity</u>
WF 3712	Subgroup of Catfishes (includes all commodities in subgroup 40C)
WF 0861	Catfishes (freshwater) <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)
-	Basa , see Pangasius, WF 0882 <i>Pangasius bocourti</i> Sauvage
-	Catfish, Clarias see Catfishes (freshwater), WF 0861 <i>Clarias</i> spp.
-	Channel catfish , see Catfishes (freshwater), WF 0861 <i>Ictalurus punctatus</i>
WF 0880	Catfish, yellow <i>Pelteobagrus fulvidraco</i> J. Richardson
WF 0881	Catfish, Chinese longsnout <i>Leiocassis longirostris</i> Günther
WF 0905	Lung fish <i>Protopterus aethiopicus</i>
WF 0882	Pangasius <i>Pangasius</i> spp.
-	Shark, iridescent see Pangasius, WF 0882 <i>Pangasianodon hypophthalmus</i> Sauvage Syn: <i>Pangasius hypophthalmus</i> Sauvage

Subgroup 040D Perches

<u>Code No.</u>	<u>Commodity</u>
WF 3713	Subgroup of Perches (includes all commodities in subgroup 40D)
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 peelii</i> (Australia)
WF 0883	Goby, marble <i>Oxyeleotris marmorata</i> Bleeker
WF 0863	Gourami (Asia) <i>Sphronemus goramy</i> ; <i>Trichogaster pectoralis</i> ; <i>Helostoma temmincki</i>
WF 0864	Perch <i>Perca fluviatilis</i> L.; <i>P. flavescens</i> ; <i>Aspelinotus grunniens</i>
-	Perch, American yellow , see Perch, WF 0864 <i>Perca flavescens</i>
WF 0884	Perch, Chinese <i>Perca chuatsi</i> Basilewsky
WF 0885	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>Aspelinotus grunniens</i> ; syn: <i>Pomoxis annularis</i> Raf.
WF 0866	Pikeperch <i>Sander lucioperca</i> L.; syn: <i>Lucioperca sandra</i> Cuv
WF 0886	Snakehead, northern <i>Channa argus</i> Cantor
WF 0887	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 3714	Subgroup of Tilapias (includes all commodities in subgroup 40E)
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, Graham's , see Tilapia, WF 0868 <i>Oreochromis esculentus</i>
-	Tilapia, Lake Magadi , see Tilapia, WF 0868 <i>Oreochromis grahami</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 3715	Subgroup of Various other freshwater fishes (includes all commodities in subgroup 40F)
-	Amur pike , see Pike, WF 0865 <i>Esox reicherti</i>
WF 0906	Athi elephant-snout fish <i>Mormyrus tenuirostris</i>
WF 0907	Dwarf Nile catfish <i>Mochokus niloticus</i>
WF 0888	Eel, Swamp, Asian <i>Monopterus albus</i> Zuiew
WF 0908	Freshwater pipefish <i>Microphis fluviatilis</i>
WF 0909	Lake Victoria squeaker <i>Synodontis victoriae</i>

-	Northern pike , see Pikes, WF 0865 <i>Esox lucius</i> L.
WF 0889	Osbeck's grenadier anchovy <i>Coilia mystus</i> L.
WF 0910	Pebby fish of Silversidus <i>Alestes baramose</i>
WF 0902	Pirapitinga <i>Piaractus brachypomus</i> G. Cuvier
WF 0865	Pike <i>Esox lucius</i> L.; <i>E. reicherti</i>
WF 0903	Pond loach <i>Misgurnus anguillicaudatus</i> Cantor
WF 0904	Salangid Includes species belonging to the Salangidae family
WF 0911	Silver fish <i>Lepisma saccharium</i>

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 freshwater and in the opposite direction.

The anadromous species spawn in freshwater (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 (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	Group of diadromous fish

(includes all commodities 041)

Subgroup 041A Atlantic Salmons

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

Subgroup 041B Pacific Salmons

<u>Code No.</u>	<u>Commodity</u>
WD 3721	Subgroup of Pacific Salmons (includes all commodities in subgroup 41B)
-	Cherry salmon , see Salmon, Pacific, WD 0121 <i>Oncorhynchus masou</i>
-	Chinook salmon , see Salmon, Pacific, WD 0121 <i>Oncorhynchus tshawytscha</i>
-	Chum salmon , see Salmon, Pacific, WD 0121 <i>Oncorhynchus keta</i>
-	Coho salmon , see Salmon, Pacific, WD 0121 <i>Oncorhynchus kisutch</i>
-	Keta salmon , see Salmon, Pacific, , WD 0121 <i>Oncorhynchus keta</i>
-	King salmon , see Salmon, Pacific, WD 0121 <i>Oncorhynchus tshawytscha</i>
-	Medium red salmon , see Salmon, Pacific, WD 0121 <i>Oncorhynchus kisutch</i>
-	Pink salmon , see Salmon, Pacific, WD 0121 <i>Oncorhynchus gorbuscha</i>
WD 0121	Salmon, Pacific according to Codex Stan. 36 and 37, 1981, includes <i>Oncorhynchus gorbuscha</i> ; <i>O. keta</i> ; <i>O. kisutch</i> ; <i>O. masou</i> ; <i>O. nerka</i> ; <i>O. tshawytscha</i>
-	Silver salmon , see-Salmon, Pacific, WD 0121 <i>Oncorhynchus kisutch</i>
-	Sockeye salmon , see Salmon, Pacific, WD 0121 <i>Oncorhynchus nerka</i>
-	Spring salmon , see Salmon, Pacific, WD 0121

*Oncorhynchus tshawytscha***Subgroup 041C****Eels****Code No.****Commodity**

WD 3722

Subgroup of Eels

(includes all commodities in subgroup 41C)

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 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

Salvelinus namaycush

- **Rainbow trout**, see Trout, WD 0123

Oncorhynchus mykiss Walbaum

syn: *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

Code No.

Commodity

WD 3725

Subgroup of various other diadromous fishes

(includes all commodities in subgroup 41F)

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 0900

River lamprey, European

Lampetra fluviatilis L.

WD 0894

Shad

Alosa spp.;

Hilsa spp.

-	Sturgeon, Amur see Sturgeon WD 0896
WD 0896	Sturgeon <i>Acipenser sturio</i> L.; other spp. of the family <i>Acipenseridae</i>
-	Sturgeon, Russian see Sturgeon WD 0896
WD 0901	Whitefishes <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 (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	Group of marine fish (includes of all commodities in group 042)

Subgroup 042A Cod and Cod-like fishes

<u>Code no.</u>	<u>Commodity</u>
WS 0126	Subgroup of Cod and Cod-like fishes (includes all commodities in subgroup 042A)
-	Coalfish , saithe, see Pollack, WS 0946 <i>Pollachius virens</i> L.; syn: <i>Gadus virens</i> L.
WS 0927	Cod

According to Codex Stan. 50-1981 includes

Gadus morhua L.; syn: *G. callarius* L.;

G. ogac Richardson; *G. macrocephalus*

- **Cod, Atlantic**, see Cod, WS 0927

Gadus morhua L.;

syn: *G. callarius* L.

- **Cod, Greenland**, see Cod, WS 0927

Gadus ogac Richardson

- **Cod, Pacific**, see Cod, WS 0927

Gadus macrocephalus

WS 0934 **Haddock**

Gadus aeglefinus L.;

syn: *Melanogrammus aeglefinus* L.

WS 0935 **Hakes**

Merluccius merluccius (L.);

other *Merluccius* spp.

WS 0946 **Pollack**

Pollachius pollachius L.;

syn: *Gadus pollachius* L.

WS 0905 **Pollack, Alaska**

Gadus chalcogrammus Pallas

WS 0954 **Whiting**

Merlangius merlangus (syn., *Gadus merlangus* L.)

WS 0906 **Whiting, blue**

Micromesistius poutassou 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

Scophthalmus rhombus (L.);

syn: *Rhombus laevis* Rondelet

WS 0929

Dab or common dab

Limanda limanda L.

WS 0932

Flounders

Platichthys flesus (L.);

syn: *Pleuronectes flesus* L. ;

Atheresthes evermanni; *A. stomias*;

Glyptocephalus cynoglossus L.;

Limanda ferruginea

WS 0907

Flounder, olive

Paralichthys olivaceus Temminck & Schlegel

WS 0936

Halibut

Hippoglossus hippoglossus L.;

H. stenolepis;

Reinhardtius hippoglossoides Walbaum

-

Halibut, Atlantic, see Halibut, WS 0936

Hippoglossus hippoglossus L.

-

Halibut, Greenland, see Halibut, WS 0936

Reinhardtius hippoglossoides Walbaum

-

Halibut, Pacific, see Halibut, WS 0936

Hippoglossus stenolepis

WS 0945

Plaice

Pleuronectes platessa L. ;

P. quadrituberculata

-

Plaice, Alaska, see Plaice WS 0945

Pleuronectes quadrituberculata

-

Plaice, European, see Plaice WS 0945

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

<u>Code no.</u>	<u>Commodity</u>
WS 0128	Subgroup of Mackerel and Mackerel-like fishes (includes all commodities in subgroup 042C)
-	Horse mackerel , see Jack Mackerel, WS 0938 <i>Trachurus spp.</i> ; several spp. see also Subgroup Mackerel and Jack Mackerel
-	Indian mackerel , see Mackerel, WS 0941 <i>Rastrelliger kanagurta</i> ; other <i>Rastrelliger spp.</i>
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 spp.</i> ; <i>Decapterus spp.</i>
WS 0939	King mackerel <i>Scomberomorus spp.</i> , 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: <i>Scombridae</i> ; <i>Scomber spp.</i> ; <i>Rastrelliger spp.</i> Such as: <i>Scomber scombrus</i> L.; <i>Scomber japonicus</i> ; other <i>Scomber spp.</i> ; <i>Rastrelliger kanagurta</i> ; <i>R. brachysoma</i> ; other <i>Rastrelliger spp.</i>
-	Mackerel, Atlantic , see Mackerel, WS 0941 <i>Scomber Scombrus</i> L.
-	Mackerel, Chub , see Mackerel, WS 0941 <i>Scomber japonicus</i>
-	Mackerel, Indian , see Mackerel, WS 0941 <i>Rastrelliger kanagurta</i>
-	Mackerel, short , see Mackerel, WS 0941 <i>Rastrelliger brachysoma</i>
WS 0910	Pompano <i>Trachinotus ovatus</i> L.
-	Scad , see Jack Mackerel, WS 0938 <i>Decapterus spp.</i>
-	Spanish mackerel , see King mackerel, WS 0939 <i>Scomberomorus spp.</i> ; among others <i>S. maculatus</i> ; <i>Sc. Tritor</i> ; <i>Sc. nipponius</i>
-	Seerfish , see King mackerel, WS 0939

Scomberomorus spp.**Subgroup 042D Tunas and Bonitos**

Code no.	Commodity
WS 0132	Subgroup of Tunas and Bonitos (includes all commodities in subgroup 042D)
-	Albacore , see Tuna, 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>
-	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 Tuna, WS 0952 <i>Thunnus thynnus thynnus</i> L.
	Skipjack tuna , see Tuna, Skipjack
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 thynnus</i> L.; <i>Th. Tongoll</i> ; Euthynnus affinus; <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>
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**, see Tuna, WS 0952

Thunnus thynnus maccoyii

syn: *Thunnus maccoyii*;

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

Thunnus albacares

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

Subgroup 042E Herring like fishes

Code no.

Commodity

WS 0129

Subgroup of herring like fishes

(includes all commodities in this subgroup)

WS 0920

Anchovies

Engraulis encrasicolus (L.) ;

E. japonicus; *E. mordax* ; *E. capensis*

For Argentine anchovy and Peruvian anchovy see Sardines and Sardine-type fishes, WS 0130

- **European sardine**, see Sardines and Sardine type fishes

Sardina pilchardus (Walbaum) WS 0130

WS 0937

Herring

Clupea harengus L.; *C. pallasii*; other *Clupea* spp.

N.B. For small fishes of these species see also Sardines and

Sardine-type fishes

- **Herring, Atlantic**, see Herring WS 0937

Clupea harengus L.

- **Herring, Pacific**, see Herring WS 0937

Clupea pallasii

WS 0942

Menhaden

Brevoortia spp.

- **Sardinella**

see-Sardines and Sardine-type fishes, WS 0130

Sardinella spp

WS 0130

Sardines and Sardine-type fishes

According to Codex Stan. 94-1981 small fishes of the following species:

Sardina pilchardus (Walbaum) (European Sardine);

Sardinops melanosticta;

S. neopilchardus; *S. ocellata*;

S. sagax; *S. caerulea* (Pilchards);

Sardinella aurita Valenciennes; syn: *S. anchovia*;

S. brasiliensis; *S. maderensis* (Sardinella's or oil-sardines);

Clupea harengus L. (Atlantic herring, small fishes);

Clupea antipodum ; *C. bassensus*; *C. fuengensis* ;

Sprattus sprattus (European sprat)

Sprattus sprattus phalericus (Risso), Syn: *Clupea sprattus* L. (Sprat) ;

Hyperlophus vittatus;

Nematolosa vlaminghi ;

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)

-

Porbeagle, see Sharks, WS 0131

Lamna nasus (Bonaterre)

WS 0948

Rays

Spp. of the family *Rajidae*

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

Code no.	Commodity
WS 3727	Subgroup of various other marine fishes (includes all commodities in this subgroup)
WS 0912	Amberjack, Yellowtail <i>Seriola lalandi</i> Valenciennes
WS 0913	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 0914	Bream, gilt-head <i>Sparus aurata</i> L.
WS 0915	Bream, golden threadfin <i>Nemipterus virgatus</i> Houttuyn
WS 0956	Bream, silver <i>Acanthopagrus australis</i> (Australia)
WS 0916	Bream, threadfin
WS 0925	Butterfish Species of the family <i>Stromateidae</i>
WS 0926	Capelin <i>Mallotus villosus</i> Müller
WS 0917	Catfish, Ariid <i>Ariidae</i> family
-	Catfish, Sea , see Wolffish

WS 0918	Cobia <i>Rachycentron canadum</i> L.
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.
-	Croaker, baby , See Drums, WS 0931 <i>Collichthys niveatus</i> Jordan & Starks
-	Croaker, big head See Drums, WS 0931 <i>Collichthys lucidus</i> Richardson
-	Croaker, Mi-iuy , See Drums, WS 0931 <i>Miichthys miiuy</i> Basilewsky
-	Croaker, yellow See Drums, WS 0931 <i>Larimichthys crocea</i> Richardson
WS 0919	Cusk <i>Brosme brosme</i> Ascanius
WS 0958	Cusk-eels <i>Ophidiidae</i> family
WS 0959	Cutlassfishes <i>Trichiuridae</i> family
WS 0960	Dentex Dentex spp.
WS 0930	Dolphinfish <i>Coryphaena hippurus</i> L.
-	Dorado , see Dolphinfish WS 0930
WS 0961	Dories, true <i>Zeidae</i> family
WS 0931	Drums Species of the family <i>Sciaenidae</i>
WS 0962	Elongate ilisha <i>Ilisha elongate</i> Bennett
WS 0933	Garfish <i>Belone belone</i> (L.); syn: <i>B. acus</i> Risso
WS 0963	Groupers <i>Epinephelus</i> spp.

WS 0940	Ling <i>Molva molva</i> L.; <i>M. byrkelange</i> Walbaum; syn: <i>M. dipterygia</i> ; <i>M. elongata</i> Otto
-	Maigre, spotted , See Drums, WS 0931 <i>Nibea albiflora</i> Richardson
WS 0964	Monkfishes <i>Lophius</i> spp.
WS 0943	Mulletts (among others Mullet, red; Mullet, striped) <i>Mugil cephalus</i> <i>Mullus surmeletus</i> L.; other spp of the family <i>Mugilidae</i>
WS 0965	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
WS 0966	Rabbit fish <i>Siganus argenteus</i> Quoy & Gaimard
WS 0967	Rockfish, Korean <i>Sebastes schlegelii</i> Hilgendorf
-	Salema , see Boque WS 0923 <i>Boops salpa</i> (L.); syn: <i>Sarpa salpa</i> L.
WS 0968	Salmon, Australian <i>Arripis trutta</i> Forster
WS 0957	Salmon, threadfin <i>Polydactylus sheridani</i> (Australia)
WS 0969	Salmon-bass <i>Argyrosomus regius</i> Asso
WS 0980	Saury <i>Cololabis adocetus</i> Böhlke
WS 0981	Saury, Pacific <i>Cololabis saira</i> 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
- **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 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	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 3730	Subgroup of Fish roe (including milt= soft roe) (includes all commodities in subgroup 043A)
WR 0121	Salmon roe, Pacific (d)
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 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)

Subgroup 043B Edible offal of fish

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

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 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.

-	Crab, edible , see crabs, WO 0146 <i>Cancer pagurus</i> L.
-	Crab, mud , see crabs, WO 0146 <i>Scylla</i> spp.
-	Crab, red King , see crabs WO 0146 <i>Paralithodes camtschaticus</i> Tilesius
-	Crab, swimming , see crabs WO 0146 Species belong to the <i>Portunidae</i> family
-	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 <i>Palaemon</i> spp.; <i>Macrobrachium</i> spp.; <i>Cherax</i> 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

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

Subgroup 046A Crocodiles

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

Subgroup 046B Frogs

<u>Code No.</u>	<u>Commodity</u>
AR 0990	Subgroup of Frogs (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>
-	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 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

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

Subgroup 047A Bivalves

<u>Code No.</u>	<u>Commodity</u>
IM 0151	Subgroup of bivalves (includes all commodities in subgroup 47A)
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 1011	Clam, razor

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);

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, 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	Subgroup of Cephalopods (includes all commodities in subgroup 47B)
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 1014	Octopuses <i>Octopus vulgaris</i> Lam.; <i>Eledone cirrhosa</i> Lam.; <i>E. moschata</i> Lam.
-	Octopus, common , see Octopuses IM 1014 <i>Octopus vulgaris</i> Lam.
-	Octopus, curled , see Octopuses IM 1014 <i>Eledone cirrhosa</i> Lam.
-	Octopus, musky , see Octopuses IM 1014 <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: *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	Subgroup of Sea and freshwater snails (includes all commodities in subgroup 47C)
IM 1015	Abalone <i>Haliotis</i> spp
IM 1016	Channeled whelk <i>Busycon canaliculatum</i> L.
IM 1017	Chinese mystery snail <i>Cipangopaludina chinensis</i> Gray
IM 1018	Commercial top shell <i>Rochia nilotica</i> L.
IM 1019	Limpets <i>Patellidae</i> family
IM 1020	Wavy turban <i>Turbo fluctuosus</i> Wood

Subgroup 047D Snails and slugs

<u>Code No.</u>	<u>Commodity</u>
IM 0154	Subgroup of Snails and slugs (includes all commodities in subgroup 47D)
-	Giant snail , see Snails, edible (Africa, Asia) IM 1007 <i>Achatina fulica</i> fer.; <i>A. achatina</i> ; <i>Archachatina</i> spp.
IM 1007	Snails, edible <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	Subgroup of Various other invertebrate animals (includes all commodities in subgroup 47E)
-	Beche-de-mer , see Sea-cucumbers IM 1010
IM 1021	Earthworms <i>Eisenia fetida</i> Savigny
IM 1010	Sea-cucumbers species of the zoological Order of the <i>Holothuroidea</i>
IM 1006	Sea urchins Species of the zoological Order of the <i>Echinoidea</i>
IM 1022	Squirts, Sea <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 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 048A Spiders (Arachnida)

Subgroup 048B Insects (Insecta)

Group 048 **Insects and spiders**

<u>Code No.</u>	<u>Commodity</u>
IN 0160	Group of insects and spiders

(includes all commodities in group 048)

Subgroup 048A
Arachnida

Code No.
Commodity

IN 0161

Subgroup of arachnida

(includes all commodities in subgroup 48A)

IN 1030

Araneae

Organisms belonging to the order of Araneae, e.g. spiders

IN 1031

Ixodida

Organism belonging to the order of Ixodida, e.g. ticks

Subgroup 048B
Insecta

Code No.
Commodity

IN 0162

Subgroup of insects (insecta)

(includes all commodities in subgroup 48B)

IN 1035

Blattodea

Organisms belonging to the order of Blattodea, e.g. termites and cockroaches

IN 1036

Coleoptera

Organisms belonging to the order of Coleoptera, e.g. beetles and weevils

IN 1037

Dermaptera

Organisms belong to the order of Dermaptera, e.g. earwigs

IN 1038

Diptera

Organisms belonging to the order of Diptera, e.g. flies

IN 1039

Ephemeroptera

Organisms belonging to the order of Ephemeroptera, e.g. mayflies

IN 1040

Hemiptera

Organisms belonging to the order of Hemiptera, e.g. true bugs

IN 1041

Hymenoptera

Organisms belonging to the order of Hymenoptera, e.g. ants, bees and wasps

IN 1042

Lepidoptera

Organisms belonging to the order of Lepidoptera, e.g. butterflies and moths

IN 1043

Mantodea

Organisms belong to the order of Mantodea, e.g. mantids

IN 1044

Megaloptera

Organisms belonging to the order of Megaloptera, e.g. alderflies, dobsonflies, fishflies

IN 1045

Odonata

Organisms belonging to the order of Odonata, e.g. dragonflies, damselflies

IN 1046

Orthoptera

Organisms belonging to the order of Orthoptera, including Grasshoppers, Crickets, Gryllidae

IN 1047	Phasmida Organisms belonging to the order of Phasmida, e.g. walkingsticks
IN 1048	Plecoptera Organisms belonging to the order of Plecoptera, e.g. stoneflies
IN 1049	Psocoptera Organisms belonging to the order of Psocoptera, e.g. booklice
IN 1050	Trichoptera 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
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Group 049	Miscellaneous primary food commodities of animal origin
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MU 1070	Honey According to Codex Stan. 12-1981 ¹ 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	Honeycomb
MU 1072	Pollen, bee <i>alternative name bee bread</i>
MU 1073	Propolis <i>alternative name bee glue</i>
MU 1074	Royal jelly

**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	Subgroup of dried muscle (from mammals other than marine mammals) (includes all commodities in this subgroup)
MD 3700	Bovine muscle, dried (including dried and smoked) (see subgroup 030A (Code MM 3700) for species included in the group of bovine)
MD 3701	Camelid muscle, dried (including dried and smoked) (see subgroup 030B (Code MM 3701) for species included in the group of camelid)
MD 3702	Caprine muscle, dried (including dried and smoked) (see subgroup 030C (Code MM 3702) for species included in the group of caprine)
MD 0812	Cattle muscle, dried (including dried and smoked)
MD 3703	Cervine muscle, dried (including dried and smoked) (see subgroup 030D (Code MM 3703) for species included in the group of cervine)
MD 3704	Equine muscle, dried (including dried and smoked) (see subgroup 030E (Code MM 3704) for species included in the group of equine)
MD 0814	Goat muscle, dried (including dried and smoked)
MD 0816	Horse muscle, dried (including dried and smoked)
MD 3705	Ovine muscle, dried (including dried and smoked) (see subgroup 030F (Code MM 3705) for species included in the group of ovine)
MD 0818	Pig muscle, dried (including dried and smoked)
MD 3706	Swine muscle, dried (including dried and smoked) (see subgroup 030G (Code MM 3706) for species included in the group of swine)
MD 3707	Various other Mammalian muscle, dried (including dried and smoked) (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	Subgroup of dried fish (includes all commodities in this subgroup)
MD 0927	Cod, dried
MD 0929	Dab or Common dab, dried
MD 0120	Diadromous fish, dried (See Class B, Group 041 for commodities in this subgroup)
MD 0127	Flat-fishes, dried

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

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

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

Subgroup 080C Dried Echinoderms

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

Class E

Type 16 **Secondary food commodities of animal origin**

Group 081 **Group Letter Code AD**

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**

Code No.	Commodity
AD 0110	Dried avian Muscle (see group 36 for avian species)
AD 0840	Chicken egg, powder
AD 3745	Chicken egg, white
AD 3746	Chicken egg, white, dried
AD 3747	Chicken egg, yolk
AD 3748	Chicken egg, yolk, dried

AD 3750	Chicken muscle, dried (including dried and smoked)
AD 3752	Other avian eggs, powder , see group 39 for commodities in this subgroup
AD 3753	Other avian eggs, white , see group 39 for commodities in this subgroup
AD 3754	Other avian eggs, white, dried see group 39 for commodities in this subgroup
AD 3755	Other avian egg, yolk see group 39 for commodities in this subgroup
AD 3756	Other avian egg, yolk, dried see group 39 for commodities in this subgroup
AD 0848	Turkey muscle, dried (including dried and smoked)

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

Code No.	Commodity
LS 0106	Group of Secondary Milk Products

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

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

Subgroup 083B Cephalopods, dried

<u>Code No.</u>	<u>Commodity</u>
IV 0152	Subgroup of Cephalopods, dried (See Class B, Group 047B for commodities in this subgroup) (includes all commodities in this subgroup)
IV 1002	Cuttlefishes, dried
IV 1014	Octopuses, dried
IV 1008	Squids, dried
IV 1009	Squid, Common, dried, see Squids IM 1008

Subgroup 083C Insects, dried

<u>Code No.</u>	<u>Commodity</u>
IV 0162	Subgroup of insects and spiders, dried (includes all commodities in this subgroup) (See Class B, Group IN 0162 for commodities in this subgroup)
IV 1035	Blattodea, dried Organisms belonging to the order of Blattodea, e.g. termites and cockroaches
IV 1036	Coleoptera, dried Organisms belonging to the order of Coleoptera, e.g. beetles and weevils
IV 1037	Dermaptera, dried Organisms belong to the order of Dermaptera, e.g. earwigs
IV 1038	Diptera, dried Organisms belonging to the order of Diptera, e.g. flies
IV 1039	Ephemeroptera, dried Organisms belonging to the order of Ephemeroptera, e.g. mayflies
IV 1040	Hemiptera, dried Organisms belonging to the order of Hemiptera, e.g. true bugs
IV 1041	Hymenoptera, dried Organisms belonging to the order of Hymenoptera, e.g. ants, bees and wasps
IV 1042	Lepidoptera, dried Organisms belonging to the order of Lepidoptera, e.g. butterflies and moths
IV 1043	Mantodea, dried Organisms belong to the order of Mantodea, e.g. mantids
IV 1044	Megaloptera, dried Organisms belonging to the order of Megaloptera, e.g. alderflies, dobsonflies, fishflies
IV 1045	Odonata, dried Organisms belonging to the order of Odonata, e.g. dragonflies, damselflies
IV 1046	Orthoptera, dried Organisms belonging to the order of Orthoptera, including Grasshoppers, Crickets, Gryllidae
IV 1047	Phasmida, dried Organisms belonging to the order of Phasmida, e.g. walkingsticks
IV 1048	Plecoptera, dried Organisms belonging to the order of Plecoptera, e.g. stoneflies
IV 1049	Psocoptera, dried Organisms belonging to the order of Psocoptera, e.g. booklice
IV 1050	Trichoptera, dried

Organisms belonging to the order of Trichoptera, e.g. caddisflies

Subgroup 080D Crustaceans, dried

<u>Code No.</u>	<u>Commodity</u>
IV 0143	Subgroup of crustaceans, dried (includes all commodities in this subgroup) (See Class B, Group 045 for commodities in this subgroup)
IV 0979	Shrimps or Prawns, dried , 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>
-	Prawn, Chinese, dried , see IV 0979

Subgroup 080E Sea and freshwater snails, dried

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

Subgroup 080F Amphibians and reptiles, dried

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

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	Group of Crustaceans, processed (includes all commodities in this group)
SC 0144	Freshwater crustaceans, cooked
SC 0145	Marine crustaceans, cooked
SC 0146	Crabmeat, cooked
SC 0976	Freshwater crayfishes, cooked
SC 0977	Freshwater shrimps or prawns, cooked
SC 0978	Lobsters (including Lobster muscle), cooked
SC 0979	Shrimps or Prawns, cooked
SC 1220	Shrimps or Prawns, parboiled

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	Group of Processed Animal Fats

Subgroup 085A Processed Fats from mammals other than marine mammals

<u>Code No.</u>	<u>Commodity</u>
FA 0100	Subgroup of processed fats from mammals (other than marine mammals) (includes all commodities in this subgroup)
FA 3700	Bovine tallow (see subgroup 030A (Code MM 3700) for species included in the group of bovine)
FA 0810	Buffalo tallow <i>Bubalis bubalis</i> L.; <i>Syncerus caffer</i> Sparrman <i>Bison bison</i> L.
FA 0811	Camel tallow <i>Camelus bactrianus</i> L.; <i>C. dromedarius</i> L.; <i>Lama glama</i> L.; <i>L. pacos</i> L.
FA 3701	Camelid tallow (see subgroup 030B (Code MM 3701) for species included in the group of camelid)
FA 3702	Caprine tallow (see subgroup 030C (Code MM 3702) for species included in the group of caprine)
FA 0812	Cattle tallow (including processed suet) <i>Bos taurus</i> 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
	<i>Capra hircus</i> L.; other <i>Capra</i> spp.
FA 0816	Horse tallow
	<i>Equus caballus</i> L.
FA 0818	Lard (of pigs)
	among others <i>Sus domesticus</i> Erxleben; other <i>Sus</i> 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
	<i>Ovis aries</i> L.; other <i>Ovis</i> 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

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

Subgroup 085C Processed Fats from Avian species

<u>Code No.</u>	<u>Commodity</u>
FA 0111	Subgroup of processed fats from avian species

(includes all commodities in this subgroup) (see Class B type 7 for commodities in this subgroup)

FA 0111 **Poultry fats, processed**

FA 0840 **Chicken fat, processed**

Gallus gallus L.; other *Gallus* spp.

FA 0841 **Duck fat, processed**

Anas platyrhynchos L.; other *Anas* spp.

FA 0842 **Goose fat, processed**

Anser anser L.; other *Anser* spp.

FA 0848 **Turkey fat, processed**

Meleagris gallopavo L.

Subgroup 085D Processed Fats from Fish species

Code No.

Commodity

FA 3744 **Subgroup of processed fats from fish species**

(includes all commodities in this subgroup)

FA 0125 **Fish, oil**

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

Code No.

Commodity

FM 0106 **Group of Milk Fats** (includes all milk fats in this group)

FM 3700 **Bovine milk fat**

(see subgroup 030A (Code MM 3700) for species included in the group of bovine)

FM 0810 **Buffalo milk fat**

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 ¹⁾	Extrapolation to the following commodities
Group 030 Mammalian muscle	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, Bactrian, 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; Henny, 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
Subgroup 030A Bovine muscle	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
Subgroup 030B Camelid muscle	Any commodity in this subgroup	<u>Subgroup of camelid muscle (MM 3701)</u> : Alpaca, muscle; Camel, muscle; Camel, Bactrian, muscle; Dromedary, muscle; Llama or Lama, muscle
Subgroup 030C Caprine muscle	Any commodity in this subgroup	<u>Subgroup of caprine muscle (MM 3702)</u> : Goat, muscle
Subgroup 030D Cervine muscle	Any commodity in this subgroup	<u>Subgroup of cervine muscle (MM 3703)</u> : Antelope; Deer, muscle; Deer, fallow, muscle; Deer, red, muscle; Elk, muscle; Moose, European, muscle; Reindeer, muscle; Roe, muscle
Subgroup 030E Equine muscle	Any commodity in this subgroup	<u>Subgroup of equine muscle (MM 3704)</u> : Donkey, muscle; Henny, muscle; Horse, muscle; Mule, muscle

Codex Group / Subgroup	Examples of Representative Commodities ¹⁾	Extrapolation to the following commodities
Subgroup 030F Ovine muscle	Any commodity in this subgroup	<u>Subgroup of ovine muscle (MM 3705)</u> : Lamb, muscle; Moufflon, muscle; Sheep, muscle
Subgroup 030G Swine muscle	Any commodity in this subgroup	<u>Subgroup of swine muscle (MM 3706)</u> : Pig, muscle; Wild boar, muscle
Subgroup 030H Various other mammalian muscles	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
Group 031 Mammalian fats	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
Subgroup 031A Bovine fat	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
Subgroup 031B Camelid fat	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
Subgroup 031C Caprine fat	Any commodity in this subgroup	<u>Subgroup of caprine fat (MF 3702)</u> : Goat, fat
Subgroup 031D Cervine fat	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
Subgroup 031E Equine fat	Any commodity in this subgroup	<u>Subgroup of equine fat (MF 3704)</u> : Donkey, fat; Hinny, fat; Horse, fat; Mule, fat
Subgroup 031F Ovine fat	Any commodity in this subgroup	<u>Subgroup of ovine fat (MF 3705)</u> : Lamb, fat; Moufflon, fat; Sheep, fat
Subgroup 031G Swine fat	Any commodity in this subgroup	<u>Subgroup of swine fat (MF 3706)</u> : Pig, fat; Wild boar, fat
Subgroup 031H Various other mammalian fats	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 ¹⁾	Extrapolation to the following commodities
		fat; Peccary, collared, fat; Possum, fat; Rabbit, fat; Rat, fat; Wallaby, fat
Group 032 Edible offal (mammalian)	Cattle, kidney; Cattle, liver; Goat, liver; Goat, kidney	Buffalo, edible offal of; Buffalo, kidney; Buffalo, liver; Camel, edible offal of; Camel, kidney; Camel, liver Cattle, edible offal of; Cattle, kidney; Cattle, liver; Deer, edible offal of; Deer, kidney; Deer, liver; Donkey, edible offal of; Donkey, kidney; Donkey, liver; Goat, edible offal of; Goat, liver; Goat, kidney; Hare, edible offal of; Hare, kidney; Hare, liver; Horse, edible offal of; Horse, kidney; Horse, liver; Kangaroo, edible offal of; Kangaroo, kidney; Kangaroo, liver; Pig, edible offal of; Pig, kidney; Pig, liver; Pig, skin; Possum, kidney; Possum, liver; Rabbit, edible offal of; Rabbit, kidney; Rabbit, liver;; Sheep, edible offal of; Sheep, kidney; Sheep, liver; Wild boar, edible offal of
Subgroup 032A Bovine edible offal	Cattle, kidney; Cattle, liver; Goat, liver; Goat, kidney	Buffalo, edible offal of; Buffalo, kidney; Buffalo, liver; Cattle, edible offal of; Cattle, kidney; Cattle, liver
Subgroup 032B Camelid edible offal	Cattle, kidney; Cattle, liver; Goat, liver; Goat, kidney	Camel, edible offal of; Camel, kidney; Camel, liver
Subgroup 032C Caprine edible offal	Cattle, kidney; Cattle, liver; Goat, liver; Goat, kidney	Goat, edible offal of; Goat, liver; Goat, kidney
Subgroup 032D Cervine edible offal	Cattle, kidney; Cattle, liver; Goat, liver; Goat, kidney	Deer, edible offal of; Deer, kidney; Deer, liver
Subgroup 032E Equine edible offal	Cattle, kidney; Cattle, liver; Goat, liver; Goat, kidney	Donkey, edible offal of; Donkey, kidney; Donkey, liver; Horse, edible offal of; Horse, kidney; Horse, liver
Subgroup 032F Ovine edible offal	Cattle, kidney; Cattle, liver; Goat, liver; Goat, kidney	Sheep, edible offal of; Sheep, kidney; Sheep, liver
Subgroup 032G Swine edible offal	Cattle, kidney; Cattle, liver; Goat, liver; Goat, kidney	Pig, edible offal of; Pig, kidney; Pig, liver; Pig, skin; Wild boar, edible offal of
Subgroup 032H Various other mammalian edible offal	Cattle, kidney; Cattle, liver; Goat, liver; Goat, kidney	Hare, edible offal of; Hare, kidney; Hare, liver; Kangaroo, edible offal of; Kangaroo, kidney; Kangaroo, liver; Possum, edible offal of; Possum, kidney; Possum, liver; Rabbit, edible offal of; Rabbit, kidney; Rabbit, liver
Group 033 Milks	Any commodity from subgroups 033A, 033B, 033C, 033D, 033E, 033F	Group of mammalian products (ML 0106): Buffalo, milk; Camel, Bactrian, milk; Camel, milk; Cattle, milk; Donkey, milk; Elk, milk; Goat, milk; Horse, milk; Reindeer, milk; Sheep, milk
Subgroup 033A Bovine milk	Any commodity in this subgroup	Subgroup of bovine milk (ML 3700): Buffalo, milk; Cattle, milk

Codex Group / Subgroup	Examples of Representative Commodities ¹⁾	Extrapolation to the following commodities
Subgroup 033B Camelid milk	Any commodity in this subgroup	<u>Subgroup of camelid milk (ML 3701)</u> : Camel, Bactrian, milk; Camel, milk
Subgroup 033C Caprine milk	Any commodity in this subgroup	<u>Subgroup of caprine milk (ML 3702)</u> : Goat, milk
Subgroup 033D Cervine milk	Any commodity in this subgroup	<u>Subgroup of cervine milk (ML 3703)</u> : Elk, milk; Reindeer, milk;
Subgroup 033E Equine milk	Any commodity in this subgroup	<u>Subgroup of equine milk (ML 3704)</u> : Donkey, milk; Horse, milk;
Subgroup 033F Ovine milk	Any commodity in this subgroup	<u>Subgroup of ovine milk (ML 3705)</u> : Sheep, milk
Group 036 Avian muscle	Any commodity in this group	<u>Group of Avian muscle (PM 0110)</u> : Chicken, muscle; Duck, muscle; Duck, Muscovy, 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
Group 037 Avian fats	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
Group 038 Avian, Edible offal of	Cattle, kidney; Cattle, liver	Chicken, edible offal of; Duck, edible offal of; Emu, edible offal of; Goose, edible offal of; Goose, liver; Ostrich, edible offal of; Poultry skin; Turkey, edible offal of
Group 039 Eggs	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
Group 040 Freshwater fish	Any commodity in this group	<u>Group of freshwater fish (WF 0115)</u> : Barbs; Barb, Silver: Black bass; Bluegill sunfish; Bream; Bream, Black; Bream, Wuchang; Bulatmai barbel; Carps; Carp, bighead; Carp, black; Carp, Chinese; Carp, common; Carp, Cod, Murray; Crucian; Carp, grass; Carp, Indian; Carp, predatory; Carp, silver; Catfishes (freshwater); Catfish, Clarias; Catfish, yellow; Catfish, Chinese longsnout; Channel catfish Gobies, freshwater; Dwarf Nile pipefish; Freshwater pipefish; Goby, Marble; Gourami (Asia); Lake Victoria squeaker; Mozambique tilapia; Pangasius; Perch; Peppy fish of Silversidus; Perch, American yellow; Perch, Chinese; Perch, climbing; Perch, European; Perch, golden; Perch, white; Pikeperch; Rhinofishes; Roache;s; Shark, Iridescent; Silver fish; Snakehead, Northern; Snakehead, striped; Spinubarbus hollandi; Qinbo fish; Tilapias; Tilapia, blue; Tilapia, Nile; White perch; White crappie; Zander

Codex Group / Subgroup	Examples of Representative Commodities ¹⁾	Extrapolation to the following commodities
Subgroup 040A Barbs	Barbs	<u>Subgroup of barbs (WF 3710)</u> : Barbs; Barb, Silver: Bulatmai barbel; Spinubarbus hollandi; Qinbo fish
Subgroup 040B Carps	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
Subgroup 040C Catfishes	Catfishes (freshwater)	<u>Subgroup of catfishes (WF 3712)</u> : Basa; Catfishes (freshwater); Catfish, Clarias; Catfish, yellow; Catfish, Chinese longsnout; Channel catfish; Lung fish; Pangasius; Shark, Iridescent
Subgroup 040D Perches	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
Subgroup 040E Tilapias	Tilapias	<u>Subgroup of tilapias (WF 3714)</u> : Tilapias; Tilapia, blue; Tilapia, Graham's; Tilapia, Lake Magadi; Tilapia, Nile; Mozambique tilapia
Subgroup 040F Various other freshwater fishes	Any commodity in this subgroup	<u>Subgroup of various other freshwater fish (WF 3715)</u> : Dwarf Nile catfish; Eel, swamp, Asian; Elephant snout fish; Freshwater pipefish; Lake Victoria squeaker; Osbeck's grenadier anchovy; Peppy fish of Silversidus; Pirapitinga; Pike; Pond loach; Solangid; Silver fish
Group 041 Diadromous fish	Any commodity in this group	Arctic char; Atlantic salmon; Brook trout; Char; Cherry salmon; Chinook salmon; Chum salmon; Coho salmon; Cutthroat trout; Eels; Eel, American; Eel, Australian; Eel, European; Eel, Japanese; German trout; Keta salmon; King salmon; Medium red salmon; Lake trout: Pacific salmon; Pink salmon; Silver salmon; Smelt; Smelt, European; Smelt, Pond; Smelt, Rainbow Sockeye salmon; Spring salmon; Trout
Subgroup 041A Atlantic Salmons	Atlantic Salmon	<u>Subgroup of Atlantic salmons (WD 3720)</u> : Atlantic salmon
Subgroup 041B Pacific Salmons	Pacific Salmon	<u>Subgroup of Pacific salmons (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
Subgroup 041C Eels	Eel	<u>Subgroup of eels (WD 3722)</u> : Eels; Eel, American; Eel, Australian; Eel, European; Eel, Japanese
Subgroup 041D Smelts	Smelt	<u>Subgroup of smelts (WD 3723)</u> : Smelt; Smelt, European; Smelt, Pond; Smelt, Rainbow
Subgroup 041E Trouts	Trout	<u>Subgroup of trouts (WD 3724)</u> : Arctic char; Brook trout; Char; Cutthroat trout; German trout; Lake trout: Trout

Codex Group / Subgroup	Examples of Representative Commodities ¹⁾	Extrapolation to the following commodities
Subgroup 041F Various other diadromous fishes	Any commodity in this subgroup	Barramundi; Milkfish; Nile perch; Paddle fish; River lamprey, European; Shad; Sturgeon; White fishes
Group 042 Marine fish	Any commodity in this group	Albacore; Anchovies; Bigeye tuna; Blackfin tuna; Bonito; Bonito, Atlantic; Bonito, Eastern Pacific; Brill; Coalfish; Cod; Cod, Atlantic; Cod, Greenland; Cod, Pacific; Common dab; European sardine; Flouders; Flounder, olive; Haddock; Hakes; Halibut; Halibut, Atlantic; Halibut, Greenland; Halibut, Liveroil shark; Pacific, Plaice; Herring; Herring, Atlantic; Herring, Pacific; Horse mackerel; Indian mackerel; Jack mackerel; King mackerel; Longtail tuna; Mackerel; Mackerel, Atlantic; Mackerel, chub; Mackerel, short; Menhaden; Northern bluefin tuna; Oil sardine; Plaice, Alaska; Plaice, European; Pollack; Pollack, Alaska; Pompano; Porbeagle; Rays; Requiem shark; Sardine and Sardine-type fishes; Scad; Sardinella or Oil sardine; Sardine, European; Seerfish; Sharks; Shark, blue; Skipjack tuna; Smooth hounds; Sole; Sole, tongue; Southern bluefin tuna; Spanish mackerel; Spiny dogfish; Turbot; Tuna; Tuna, bullet; Tuna, longtail; Tuna, yellowfin Whiting; Whiting, blue; Witch flounder; Yellowtail flounder; Yellowfin sole;
Subgroup 042A Cod and Cod-like fishes	Atlantic cod	Subgroup of cod and cod-like fishes (WS 0126): Coalfish; Cod; Cod, Atlantic; Cod, Greenland; Cod, Pacific; Haddock; Hakes; Pollack; Pollack, Alaska; Whiting; Whiting, blue
Subgroup 042B Flat-fishes	Flounder	Subgroup of flat-fishes (WS 0127): 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;
Subgroup 042C Mackerel and Mackerel-like fishes	Mackerel	Subgroup of Mackerel and Mackerel-like fishes (WS 0128): Horse mackerel; Indian mackerel; Jack mackerel; King mackerel; Mackerel; Mackerel, Atlantic; Mackerel, chub; Mackerel, short; Pompano; Scad; Seerfish; Spanish mackerel
Subgroup 042D Tunas and Bonitos	Tuna	Subgroup of Tunas and Bonitos (WS 0132): 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
Subgroup 042E Herring like fishes	Sardine or sardine-type fishes	Subgroup of herring-like fishes (WS 0129): Anchovies; European sardine; Herring; Herring, Atlantic; Herring, Pacific; Menhaden; Oil sardine; Sardine and Sardine-type fishes; Sardinella or Oil sardine; Sardine, European
Subgroup 042F Sharks	Sharks	Subgroup of sharks (WS 3726): Liveroil shark; Porbeagle; Rays; Requiem shark; Sharks; Shark, blue; Smooth hounds; Spiny dogfish
Subgroup 042G Various other Marine fishes	2	--
Group 043 Fish roe	2	--

Codex Group / Subgroup	Examples of Representative Commodities ¹⁾	Extrapolation to the following commodities
(including milt= soft roe) and edible offal of fish		
Subgroup 043A Fish roe(including milt= soft roe)	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
Subgroup 043B Edible offal of fish	2	--
Group 044 Marine mammalian products	2	--
Subgroup 044A Marine mammalian muscle	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
Subgroup 044B Fat of marine mammals, unprocessed	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
Group 045 Crustaceans	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
Group 046 Amphibians and reptiles	2	--
Subgroup 046A Crocodiles	2	--
Subgroup 046B Frogs	2	--
Subgroup 046C Lizards	2	--
Subgroup 046D Snakes	2	--
Subgroup 046E Turtles	2	--

Codex Group / Subgroup	Examples of Representative Commodities ¹⁾	Extrapolation to the following commodities
Group 047 Molluscs and various other invertebrate animals	²⁾	--
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	²⁾	--
Subgroup 047D Snails and slugs	²⁾	--
Subgroup 047E Various other invertebrate animals	²⁾	--
Group 048 Insects and spiders	²⁾	--
Subgroup 048A Spiders (Arachnida)	²⁾	--
Subgroup 048B Insects (Insecta)	²⁾	--
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

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

²⁾ 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.

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 ¹⁾	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 ¹⁾	Extrapolation to the following commodities
Subgroup 083D Crustaceans, dried	2)	--
Subgroup 083E Sea and freshwater snails, dried	2)	--
Subgroup 083F Amphibians and reptiles, dried	2)	--
Group 084 Crustaceans, processed	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
Group 085 Animal fats, processed	2)	--
Subgroup 085A Processed fats from mammals (other than marine mammals)	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
Subgroup 085B Processed fats from marine mammals	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
Subgroup 085C Processed fats from avian species	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
Subgroup 085D Processed fats from fish species	Fish oil	<u>Subgroup of fats from fish species (FA 3758)</u> : Fish oil
Group 086 Milk fats	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
Group 087 Derived edible products of animal origin	2)	--
Group 090 Manufactured Food (single ingredient) of animal origin	2)	--
Group 092 Manufactured food (multi-ingredient) of animal origin	2)	--

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

²⁾ 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.

REQUEST FOR COMMENTS AT STEP 4 ON THE PORTION OF THE COMMODITY TO WHICH THE MRLS APPLY, AND WHICH IS ANALYZED FOR GROUP 006 ASSORTED TROPICAL AND SUB-TROPICAL FRUITS - INEDIBLE PEEL AND GROUP 023 OILSEEDS AND OILFRUITS

AND

THE COMPARISON BETWEEN THE - GUIDELINES ON PORTION OF COMMODITIES TO WHICH MRLS APPLY AND WHICH IS ANALYZED (CXG 41-1993) AND THE CLASSIFICATION OF FOOD AND FEED (CXA 4-1989) AS PER THE PORTION OF COMMODITIES TO WHICH THE MRLS APPLY AND WHICH IS ANALYZED

(AT STEP 4)

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 2023/35-PR and the 21 June 2023 Pre-meeting are considered as described below.

No changes have been made resulting from the comments to CL 2023/35-PR or from the 21 June 2023 Pre-meeting.

COMMENTS AND NOTES RECEIVED ON CL 2023/35-PR

Australia, Canada, Chile, Egypt, European Union, Iraq, Kenya, Peru, Thailand, ICUMSA and Tanzania provided comments on CL 2023/35 PR.

Australia (1) supported the Classification of Food and Animal Feeds (CXA 4-1989) as the single, authoritative reference of food and feed for the establishment of MRLs for pesticides; (2) supported the revocation of the Guidelines on portion of commodities to which MRLs apply and which is analyzed (CXG 41-1993) as these are included in CXA 4-1989 and (3) supported the proposed changes to Group 006 Assorted tropical and subtropical fruits (inedible peel) and Group 023 Oilseeds and oilfruits.

Comments provided by Canada, Chile, Egypt, the European Unions, Iraq, Kenya, ICUMSA and Tanzania were also in agreement with the comments from Australia.

Peru proposed that the EWG continue work on analysis of the differences between CXA 4-1989 and CXG41-199 to achieve standardization.

Thailand proposed that the EWG draft an integration document to compare CXG 41-1993 and CXA 4-1989 and to review supervised residue trials to provide data on the portion of some commodities. This was provided in the CRD available for the pre-meeting held on 21 June 2023.

Appendix I provides the revisions for the Portion of the Commodity to which the MRLs apply, and which is analyzed for Group 006 Assorted Tropical and Sub-Tropical Fruits – Inedible Peel and Group 023 Oilseeds and oilfruit.

Ecuador supported a change to the portion of the commodity to which the MRLs apply and which is analyzed for banana in Group 006 Assorted Tropical and sub-tropical fruit – inedible peel, while Australia supported the qualification as proposed for banana (whole fruit after removal of crown tissue and stalks).

CONCLUSIONS

Comments: (1) supported the Classification of Food and Animal Feeds (CXA 4-1989) as the single, authoritative reference of food and feed for the establishment of MRLs for pesticides; (2) supported the revocation of the Guidelines on portion of commodities to which MRLs apply and which is analyzed (CXG 41-1993) as these are included in CXA 4-1989 and (3) supported the proposed changes to Group 006 Assorted tropical and subtropical fruits (inedible peel) and Group 023 Oilseeds and oilfruits as shown in Appendix I.

RECOMMENDATIONS

CCPR54 is invited to support: (1) the Classification of Food and Animal Feeds (CXA 4-1989) as the single, authoritative reference of food and feed for the establishment of MRLs for pesticides; (2) support the revocation of the Guidelines on portion of commodities to which MRLs apply and which is analyzed (CXG 41-1993) as these are included in CXA 4-1989 and (3) support the proposed changes to Group 006 Assorted tropical and subtropical fruits - inedible peel and Group 023 Oilseeds and oilfruits.

Appendix I

Group 006 Assorted tropical and sub-tropical fruits - inedible peel

Portion of the commodity to which the MRL applies (and which is analysed): Whole fruit unless qualified: e.g.

- Banana after removal of crown tissue and stalks.
- Pineapple after removal of crown.
- Avocado, mangos and similar fruit with hard seeds: Whole commodity after removal of stone but residue calculated and expressed on whole fruit.

Group 023 Oilseeds and oilfruits:

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

- Oilseeds: Unless otherwise specified, seed or kernels, with shell or husk.
- Peanuts: Kernels
- Castor beans: Whole product after removal of capsules
- Cotton seeds: Undelinted
- Oilfruits: Whole commodity