

# CODEX ALIMENTARIUS COMMISSION



Food and Agriculture  
Organization of the  
United Nations



World Health  
Organization

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

Agenda Item 7

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ORIGINAL LANGUAGE ONLY

## JOINT FAO/WHO FOOD STANDARDS PROGRAMME

### CODEX COMMITTEE ON PESTICIDE RESIDUES

53rd Session

(Virtual)

4-8 July and 13 July 2022

### REVISION OF THE CLASSIFICATION OF FOOD AND FEED (CXA 4-1989)

*(Prepared by the Chair and Co-Chair of the Electronic Working Group  
The United States of America and The Netherlands)*

### ESTABLISHMENT OF MRLs FOR PESTICIDES FOR OKRA

#### AGENDA ITEM 7(a)

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##### Background

This CRD needs to be read in conjunction with CL 2022/34-PR and CX/PR 22/53/6. In those documents the background of the discussions in previous CCPR-meetings and the discussions in the Electronical Working Groups can be found.

Based on the discussions in the eWG Chili pepper (non-bell) pepper was proposed as the representative commodity for okra based on the low exceedances for okra in monitoring data and the sufficient conservatism in MRLs derived from the OECD MRL calculator.

In CX/PR 22/53/6 two options were presented for how incorporate this into the Classification.

Option 1 included footnoting the current Group 12B subgroup; while

Option 2 created a separate Okra subgroup with chili pepper as the representative commodity.

In CL 2022/34-PR Codex members and observers were invited to submit comments on Options 1 and 2 or to provide an alternative option for the establishment of MRLs for pesticides for okra. In this document the comments received on the CL 2022/34-PR are summarized.

##### COMMENTS AND NOTES RECEIVED ON CL 2022/34-PR

Comments on CL 2022/34-PR were received from: Canada, Colombia, Egypt, European Union, Ghana, Kenya, Mauritius, Philippines, Republic of Korea, Thailand, United Kingdom and United States of America.

Support for option 1 was expressed by: Republic of Korea, United Kingdom, United States of America, Ghana, Philippines, and Thailand.

Support for option 2 was expressed by: Canada, Colombia, Egypt, and Kenya (and add sweet pepper as a representative commodity), and Mauritius. Kenya added that it would prefer sweet pepper to be additionally included as a representative crop for okra. Mauritius additionally provided okra residue data from 2021 and 2022 that showed no detectable level of residues or residues below the existing codex MRL, except for a set of active substances for which the use on Okra is not recommended.

The European Union did not express support for either of the presented options, and noted the difficulty of drawing a conclusion based on the available monitoring data from Canada and India without knowing the Good Agricultural Practices (GAPs) behind the okra residue data. Without being able to compare residue trials on okra and chili peppers with known GAPs, the EU believed that no conclusion can be drawn on appropriate extrapolations and that the use of monitoring data would be justified only if these data can be linked to authorized uses (with comparable GAPs) and if statistically sufficient data points are available. Additionally, the EU noted that while the scope of the eWG was limited to okra, similar extrapolation issues may exist for other crops belonging to Group 12B, Pepper and pepper-like commodities, such as martynia and roselle. The EU thus presented an alternative option:

- Option 3: Delete okra, martynia and roselle from Subgroup 12B and add these commodities to a new subgroup: 12D and set okra as the representative commodity.

**Recommendation**

Continue the discussion on the best suitable option for the establishment of MRLs for okra during the pre-meeting about the Revision of the Classification of Food and Feed and try to reach a consensus to present in CCPR53.

**AGENDA ITEMS 7(b/c)****REVISION OF THE CLASSIFICATION OF FOOD AND FEED:  
CLASS B: PRIMARY FOOD COMMODITIES OF ANIMAL ORIGIN  
(AT STEP 4)****BACKGROUND**

This CRD needs to be read in conjunction with CL 2022/35-PR and CX/PR 22/53/7 and CX/PR 22/53/8. In those documents the background of the discussions in previous CCPR-meetings and the discussions in the Electrical Working Groups can be found.

In this document the comments received on the CL 2022/35-PR are implemented.

Highlighted in yellow are the changes made to class B based on the discussion in the eWG, for the discussion see CX/PR 22/53/7. All changes in the documents resulting from the reactions on the CL 2022/35-PR are made using track-changes.

**COMMENTS AND NOTES RECEIVED ON CL 2022/35-PR**

Comments on CL 2022/35- PR were received from Canada, Egypt, the European Union, Germany, Kenya, Philippines, Thailand, and the USA. Generally, the comments expressed support for the changes and additions made to class B. Additional, suggestions for commodity suggestions or changes are described below.

Thailand proposed the According the addition of pig skin in Subgroup 032G (Swine edible offal) and fish skin, e.g. salmon skin, in Subgroup 043B (Edible offal of fish). Since these commodities are significantly consumed and traded internationally.

Kenya proposed the addition of guinea fowl eggs and turkey eggs to Group 039 Eggs since these species have been covered in group 036 and also lay edible eggs. Kenya also proposed the need to consider classification and addition of *Siganus Argentius* (rabbit fish) to Group 042 Marine fish with the Justification that this species is common in marine cage farming in Kenya. Additionally, Kenya proposed the addition of fish maw (swim bladder) since this is an edible fish offal delicacy widely consumed and traded. Lastly, Kenya proposed the addition of 'propolis' under honey with the Justification that Propolis is a honey by-product that is traded and consumed mainly as a food supplement and/or for its medicinal purposes.

The co-chair of the eWG received correction suggestions from Germany for the Subgroup 42D Tunas and Bonitos. Germany indicated that the scientific name used for Southern bluefin tuna should be *Th. thynnus maccoyii* according to Codex stan 70-1981 and not *Thunnus maccoyii*. Germany also noted that Skipjack tuna is listed twice both as 'tuna, skipjack' and 'skipjack tuna' and suggests to change the entry of 'skipjack tuna' to "Skipjack tuna, see Tuna Skipjack" with deletion of the scientific name. Lastly, Germany noted that Tuna, Skipjack, is given with the scientific name "*Katsuwonis pelamis* L.; syn: *Euthynnus pelamis* L." while according to WS 0952 Tuna According to Codex Stan. 70-1981 Tuna includes inter alia as "*Eu. pelamis* L.; syn: *Katsuwonus pelumis* L.".

**CONCLUSIONS**

The commodities: Fish, skin; Pig, skin; Turkey, eggs; Guinea, fowl; Rabbit fish; Propolis have been added to class B. The suggestion of Kenya to add the commodity fish maw, has been included as 'Fish, swim bladder' since maw refers to the dried fish bladder and class B does not include dried product. The double entry of skipjack tuna has been changed according to the suggestion from Germany and the scientific names for Skipjack tuna and southern bluefin tuna have been corrected to reflect Codex Stan. 70-1981.

**RECOMMENDATIONS**

CCPR53 is invited to consider the revised Class B (Appendix I) taking into account the conclusions and recommendations as well as comments submitted by Codex members and observers and to task the EWG to continue with the revision of the Classification based on the revised version provided in the CRD and additional comments provided in the pre-meeting and to develop the tables for representative commodities with a view to complete the revision of class B at the next session of CCPR.

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

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

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

**TYPE 6 MAMMALIAN PRODUCTS**

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

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

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

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

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

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

The entire commodity except bones may be consumed.

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

Eight subgroups are defined:

Subgroup 030A Bovine meat

Subgroup 030B Camelid meat

Subgroup 030C Caprine meat

Subgroup 030D Cervine meat

Subgroup 030E Equine meat

Subgroup 030F Ovine meat

Subgroup 030G Swine meat

Subgroup 030H Various other mammalian meats

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

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

**Subgroup 030A Bovine meat**

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

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

(includes all commodities in subgroup 030B)

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

(includes all commodities in subgroup 030C)

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

(includes all commodities in subgroup 030D)

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

**Subgroup 030E Equine meat**

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

**Subgroup 030F Ovine meat**

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

**Subgroup 030G Swine meat**

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

**Subgroup 030H Various other mammalian meats**

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



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

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

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

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

The entire commodity may be consumed.

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

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

Eight subgroups are defined

Subgroup 031A Bovine fat

Subgroup 031B Camelid fat

Subgroup 031C Caprine fat

Subgroup 031D Cervine fat

Subgroup 031E Equine fat

Subgroup 031F Ovine fat

Subgroup 031G Swine fat

Subgroup 031H Various other mammalian fats

**Group 031**                      **Mammalian fats**

<u>Code No.</u>	<u>Commodity</u>
MF 0100	<b>Group of Mammalian fats (except milk fats)</b> (includes all commodities in group 031)
<b>Subgroup 031A</b>	<b>Bovine fat</b>
<b>Code No.</b>	<b>Commodity</b>
MF XXXX	<b>Subgroup of bovine fat</b> (includes all commodities in subgroup 031A, (see subgroup 030A (Code MM XXXX) for species included in the group of bovine))
MF 0810	<b>Buffalo, fat</b>
MF 0812	<b>Cattle, fat</b>
<b>Subgroup 031B</b>	<b>Camelid fat</b>
<b>Code No.</b>	<b>Commodity</b>
MF XXXX	<b>Subgroup of camelid fat</b> (includes all commodities in subgroup 031B, (see subgroup 030B (Code MM XXXX) for species included in the group of camelid))
MF 0811	<b>Camel, fat</b>
<b>Subgroup 031C</b>	<b>Caprine fat</b>
<b>Code No.</b>	<b>Commodity</b>
MF XXXX	<b>Subgroup of caprine fat</b> (includes all commodities in subgroup 031C(see subgroup 030C (Code MM XXXX) for species included in the group of caprine)) )
MF 0814	<b>Goat, fat</b>

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

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

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

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

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

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

The entire commodity may be consumed.

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

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

Eight subgroups are defined

Subgroup 032A Bovine edible offal

Subgroup 032B Camelid edible offal

Subgroup 032C Caprine edible offal

Subgroup 032D Cervine edible offal

Subgroup 032E Equine edible offal

Subgroup 032F Ovine edible offal

Subgroup 032G Swine edible offal

Subgroup 032H Various other mammalian edible offal

**Group 032                      Edible offal (Mammalian)**

<b>Code No.</b>	<b>Commodity</b>
MO 0105	<b>Group of Edible offal (Mammalian)</b> (includes all commodities of group 032)
<del>MO 0096</del>	<del>Edible offal of cattle, goats, horses, pigs and sheep</del>
<del>MO 0097</del>	<del>Edible offal of cattle, pigs and sheep</del>
<del>MO 0098</del>	<del>Kidney of cattle, goats, pigs and sheep</del>
<del>MO 0099</del>	<del>Liver of cattle, goats, pigs and sheep</del>
<b>Subgroup 032A</b>	<b>Bovine edible offal</b>
<b>Code No.</b>	<b>Commodity</b>
MO XXXX	<b>Subgroup of bovine edible offal</b> (includes all commodities in subgroup 032A, (see subgroup 030A (Code MM XXXX) for species included in the group of bovine))
MO 0810	<b>Buffalo, edible offal of</b>
MO XXXX	<b>Buffalo, kidney</b>
MO XXXX	<b>Buffalo, liver</b>
MO 0812	<b>Cattle, edible offal of</b>
MO 1280	<b>Cattle, kidney</b>
MO 1281	<b>Cattle, liver</b>

**Subgroup 032B Camelid edible offal**

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

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

MO 0811 Camel, edible offal of

MO XXXX Camel, kidney

MO XXXX Camel, liver

**Subgroup 032C Caprine edible offal**

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

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

MO 0814 Goat, edible offal of

MO XXXX Goat, liver

MO XXXX Goat, kidney

**Subgroup 032D Cervine edible offal**

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

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

MO 0813 Deer, edible offal of

MO XXXX Deer, kidney

MO XXXX Deer, liver

**Subgroup 032E Equine edible offal**

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

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

MO XXXX Donkey, edible offal of

MO XXXX Donkey, kidney

MO XXXX Donkey, liver

MO 0816 Horse, edible offal of

MO 1292 Horse, kidney

MO 1293 Horse, liver

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

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

MO 0822      **Sheep, edible offal of**

MO 1288      **Sheep, kidney**

MO 1289      **Sheep, liver**

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

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

MO 0818      **Pig, edible offal of**

MO 1284      **Pig, kidney**

MO 1285      **Pig, liver**

MO XXXX      **Pig, skin**

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

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

**MO 0815**      **Hare, edible offal of**

MO XXXX      **Hare, kidney**

MO XXXX      **Hare, liver**

**MO 0817**      **Kangaroo, edible offal of**

MO XXXX      **Kangaroo, kidney**

MO XXXX      **Kangaroo, liver**

**MO XXXX**      **Possum, edible offal of**

MO XXXX      **Possum, kidney**

MO XXXX      **Possum, liver**

**MO 0819**      **Rabbit, edible offal of**

MO XXXX      **Rabbit, kidney**

MO XXXX      **Rabbit, liver**

**Milks****Class B**

**Type 6**                      **Mammalian products**                      **Group 033**                      **Group Letter Code ML**

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

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

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

The entire commodity may be consumed.

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

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

Eight subgroups are defined

Subgroup 033A Bovine milk

Subgroup 033B Camelid milk

Subgroup 033C Caprine milk

Subgroup 033D Cervine milk

Subgroup 033E Equine milk

Subgroup 033F Ovine milk

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**Group 033**                      **Milks**

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**Code No.**                      **Commodity**

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

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

**Subgroup 033A Bovine milk**

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**Code No.**                      **Commodity**

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

ML 0810                      **Buffalo, milk**

ML 0812                      **Cattle, milk**

**Subgroup 033B Camelid milk**

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**Code No.**                      **Commodity**

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

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

ML 0811                      **Camel, milk**

**Subgroup 033C Caprine milk**

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

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

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

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

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

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

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

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

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

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

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

ML 0822                      **Sheep, milk**

**TYPE 7                   POULTRY AVIAN PRODUCTS****Poultry-Avian meat (including Pigeon meat)****Class B****Type 7                   Poultry Avian products                   Group 036                   Group Letter Code PM**

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

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

The entire product may be consumed.

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

**Group 036                   Poultry Avian meat (including Pigeon meat)**

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



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

**Poultry Avian fats****Class B**

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

**Poultry Avian** fats are derived from the fatty tissues of **avian animals**. Exposure to pesticides may result from external treatment of animals or poultry houses or through animal metabolism following oral intake of pesticides with feed.

The entire product may be consumed.

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

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

**Group 037**                      **Poultry Avian fats**

**Code No.**                      **Commodity**

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

**Poultry Avian, Edible offal of****Class B****Type 7 Poultry Avian products Group 038 Group Letter Code PO**

Poultry Avian edible offal's are such edible tissues and organs, other than avian meat and avian fat, from slaughtered avian animals as have been passed fit for human consumption. Examples: liver, gizzard, heart, skin etc. In the former Classification of Food and Food Groups in the Guide to Codex Maximum Limits for Pesticide Residues 1978: CAC/PR 1-1978 the name Poultry by-products was used for this group.

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

The entire product may be consumed.

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

**Group 038 Poultry, Avian, Edible offal of**

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

**Eggs****Class B****Type 7**      **Poultry Avian** products      **Group 039**      **Group Letter Code PE**

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

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

Portion of the commodity to which the MRL applies (and which is analysed): **Whole egg whites and yolks combined after removal of shell.**The scientific species names of the relevant animals are not repeated for this group of commodities. For these names see Group 036 **Poultry Avian** meats.**Group 039**      **Eggs**

<u>Code No.</u>	<u>Commodity</u>
PE 0112	<b>Group of eggs</b> (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 XXXX	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 animal metabolism or through water pollution. The fleshy parts of the animals and, to a lesser extent, milt and roe are consumed.

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

**Group 040 Freshwater fish****Class B**

**Type B Aquatic animal products Group 040 Group Letter Code WF**

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

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

Six subgroups of freshwater fishes are defined

Subgroup 040A Barbs

Subgroup 040B Carps

Subgroup 040C Catfishes

Subgroup 040D Perches

Subgroup 040E Tilapias

Subgroup 040F Various other freshwater fishes

**Group 040 Freshwater fish**

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

**Subgroup 040A Barbs**

<u>Code No.</u>	<u>Commodity</u>
WF XXXX	<b>Subgroup of Barbs</b> (includes all commodities in this subgroup)
WF 0855	<b>Barbs</b> <i>Puntius</i> spp. ; syn: <i>Barbus Cuvier</i> spp.

- **Barb, silver see Barbs, WF 0855**

*Barbonymus gonionotus* Bleeker

**Subgroup 040B Carps**

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

**Subgroup 040C Catfishes**

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**Code No.****Commodity**

WF XXXX

**Subgroup of Catfishes**

(includes all commodities in this subgroup)

WF 0861

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

**Subgroup 040D Perches**

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

**Subgroup 040E Tilapias**

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

**Subgroup 040F Various other freshwater fishes**

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



**Group 041 Diadromous fish****Class B**

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

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

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

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

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

Six subgroups of diadromous fish are defined:

Subgroup 041A                      Atlantic Salmons

Subgroup 041B                      Pacific Salmons

Subgroup 041C                      Eels

Subgroup 041D                      Smelts

Subgroup 041E                      Trouts

Subgroup 041F                      Various other diadromous fishes

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

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**Code No.****Commodity**

WD 0120

**Group of diadromous fish**

(includes all commodities 041)

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

WD XXXX

**Subgroup of Atlantic Salmons**

(includes all commodities in this subgroup)

WD 0893

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

**Subgroup 041B Pacific Salmons****Code No. Commodity****WD XXXX Subgroup of Pacific Salmons**

(includes all commodities in this subgroup)

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

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

(includes all commodities in this subgroup)

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

(includes all commodities in this subgroup)

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

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

WD XXXX

**Subgroup of Trouts**

(includes all commodities in this subgroup)

- **Arctic char**, see Trout, WD 0123
  - **Brook trout**, see Trout, WD 0123  
              *Salvelinus* sp.
  - **Brown trout**, see Trout, WD 0123  
              *Salmo trutta* L.;  
              syn: *Trutta trutta* L.
  - **Char**, see **Lake Trout**, WD 0123
  - **Cutthroat trout**, see trout, WD 0123  
              *Salmo clarki*
  - **German trout**, see Trout, WD 0123  
              *Salmo trutta* L.;  
              syn: *Trutta trutta* L.
  - **Lake trout**, see Trout, WD 0123  
              *Savelinus namaycush*
  - **Rainbow trout**, see Trout, WD 0123  
              *Salmo gairdneri*;  
              syn: *S. irrideus* Gibbons
- WD 0123           **Trout**  
                      *Salmo clarki*, *S. gairdneri*; syn: *S. irrideus* Gibbons;  
                      *S. trutta* L.; syn: *Trutta trutta* L.; *Salvelinus namaycush*; *S. alpinus*;  
                      *S. salvelinus* L.

**Subgroup 041F Various other diadramous fishes****Code No.****Commodity**

WD XXXX **Subgroup of various other diadramous fishes**

(includes all commodities in this subgroup)

WD 0898

**Barramundi**

*Lates calcarifer* (Australia, Indo-Pacific)

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**Giant sea perch**, see Barramundi, WD 0898

WD 0891

**Milkfish**

*Chanos chanos*

WD 0897

**Nile perch**

*Lates niloticus*

WD 0892

**Paddle fish**

*Polyodon spathula*; other species of the family *Polyodontidae*

WD XXXX

**River lamprey, European**

*Lampetra fluviatilis* L.

~~Sea catfish, see Group 042: Marine fishes~~

WD 0894

**Shad**

*Alosa* spp.;

*Hilsa* spp.

WD 0896

**Sturgeon**

*Acipenser sturio* L.; other spp. of the family *Acipenseridae*

WD XXXX

**Whitefishes**

*Coregonus* spp.

**Group 042 Marine fish****Class B**

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

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

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

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

Seven subgroups are defined

Subgroup 042A Cod and Cod-like fishes

Subgroup 042B Flat-fishes

Subgroup 042C Mackerel and Mackerel-like fishes

Subgroup 042D Tunas and Bonitos

Subgroup 042E Herring like fishes

Subgroup 042F Sharks

Subgroup 042G Various other Marine fishes

**Group 042                      Marine fish**

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**Code no.**

**Commodity**

WS 0125

**Group of marine fish**

**(includes of all commodities in group 042)**

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

<b>Code no.</b>	<b>Commodity</b>
WS 0126	<b>Subgroup of Cod and Cod-like fishes</b> (includes all commodities in subgroup 042A)
-	<b>Coalfish</b> , see Pollack, WS 0946 <i>Pollachius virens</i> L.; syn: <i>Gadus virens</i> L. see also Subgroup Cod and Cod-like fishes
WS 0927	<b>Cod</b> According to Codex Stan. 50-1981 includes <i>Gadus morhua</i> L.; syn: <i>G. callarius</i> L.; <i>G. ogac</i> Richardson; <i>G. macrocephalus</i> see also Subgroup Co and Cod-like fishes
-	<b>Cod, Atlantic</b> , see Cod, WS 0927 <i>Gadus morhua</i> L.; syn: <i>G. callarius</i> L.
-	<b>Cod, Greenland</b> , see Cod, WS 0927 <i>Gadus ogac</i> Richardson
-	<b>Cod, Pacific</b> , see Cod, WS 0927 <i>Gadus macrocephalus</i>
WS 0934	<b>Haddock</b> <i>Gadus aeglefinus</i> L.; syn: <i>Melanogrammus aeglefinus</i> L. see also Subgroup Cod and Cod-like fishes
WS 0935	<b>Hakes</b> <i>Merluccius merluccius</i> (L.); other <i>Merluccius</i> spp. see also Subgroup Cod and Cod-like fishes
WS 0946	<b>Pollack</b> <i>Polachius polachius</i> L.; syn: <i>Gadus polachius</i> L. see also Subgroup Cod and Cod-like fishes
WS XXXX	<b>Pollack, Alaska</b> <i>Gadus chalcogrammus</i> Pallas
WS 0954	<b>Whiting</b> <i>Gadus merlangus</i> L. see also Subgroup Cod and Cod-like fishes
WS XXXX	<b>Whiting, Blue</b> <i>Micromesistius poutassou</i> A. Risso

**Subgroup 042B Flat-fishes**

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



WS 0953

**Turbot***Scophthalmus maximus* L.;syn: *Rhombus maximus* (L.)~~see also Subgroup Flatfishes~~~~WS 5041~~**Witch flounder**, see Flounders WS 0932*Glyptocephalus cynoglossus* L.

WS XXXX

**Yellowfin sole***Limanda aspera* Pallas

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

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

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

- **Mackerel, Atlantic**, see Mackerel, WS 0941  
*Scomber Scombrus* L.
- **Mackerel, Chub**, see Mackerel, WS 0941  
*Scomber japonicus*
- **Mackerel, Indian**, see Mackerel, WS 0941  
*Rastrelliger kanagurta*
- **Mackerel, Short**, see Mackerel, WS 0941  
*Rastrelliger brachysoma*
- **Scad**, see Jack Mackerel, WS 0938  
*Decapterus* spp.
- **Spanish mackerel**, see King mackerel, WS 0939  
*Scomberomorus* spp.; among others *S. maculates*;  
*Sc. Tritor*; *Sc. niphonius*
- **Seerfish**, see King mackerel, WS 0939  
*Scomberomorus* spp.

**Subgroup 042D Tunas and Bonitos**

<b>Code no.</b>	<b>Commodity</b>
WS 0132	<b>Subgroup of Tunas and Bonitos</b> (includes all commodities in subgroup 042D)
-	<b>Albacore</b> , see <del>Subgroup Tuna and Bonito</del> , WS 0952 <i>Thunnus alalunga</i> (Bonnaterre)
-	<b>Bigeye tuna</b> , see Tuna, WS 0952
-	<b>Blackfin tuna</b> , see Tuna, WS 0952
WS 0924	<b>Bonito</b> According to Codex Stan. 70-1981 Bonito includes: <i>Sarda sarda</i> (Bloch) ; <i>S. chiliensis</i> ; <i>S. orientalis</i> ; <i>S. velox</i> <del>— see also Subgroup Tuna and Bonito</del>
-	<b>Bonito, Atlantic</b> , see Bonito, WS0924 <i>Sarda sarda</i> (Bloch)
-	<b>Bonito, Eastern Pacific</b> , see Bonito, WS 0952 <i>Sarda chiliensis</i>
-	<b>Longtail tuna</b> , see Tuna, Longtail
-	<b>Northern bluefin tuna</b> , see <del>Subgroup Tuna and Bonito</del> , WS 0952 <i>Thunnus thynnus thynnus</i> L.
-	<b>Skipjack tuna</b> , see Tuna, Skipjack
-	<b>Southern bluefin tuna</b> , see Tuna, WS 0952 <i>Thunnus thynnus maccoyii</i> syn: <i>Thunnus maccoyii</i> ;
WS 0952	<b>Tuna</b> According to Codex Stan. 70-1981 Tuna includes: <i>Thunnus alalunga</i> (Bonnaterre); <i>Th. Albacares</i> ; <i>Th. Atlanticus</i> ; <i>Th. Obesus</i> ; <i>Th. thynnus maccoyii</i> ; <i>Th. thynnus orientalis</i> ; <i>Th. thynnus thunnus</i> L.; <i>Th. Tongoll</i> ; <i>Euthynnus affinus</i> ; <i>Eu. Alletteratus</i> ; <i>Eu. Lineatus</i> ; <i>Eu. pelamis</i> L. ; syn: <i>Katsuwonus pelumis</i> L.
-	<b>Tuna, Bigeye</b> , see Tuna, WS 0952 <i>Thunnus obesus</i>
-	<b>Tuna, Blackfin</b> , see Tuna, WS 0952 <i>Thunnus atlanticus</i>
-	<b>Tuna, Bluefin</b> , see Tuna, WS 0952 <i>Thunnus thynnus</i> L.; <i>Th. Maccoyii</i>

WS XXXX

**Tuna, Bullet***Auxis rochei* Risso

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

*Thunnus Tongoll*

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

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

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

*Thunnus albacares*

- **Yellowfin tuna**, see Tuna, Yellowfin

**Subgroup 042E Herring like fishes**

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

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

### Subgroup 042F Sharks

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

**Subgroup 042G Various other Marine fishes**

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



**WS XXXX Dories, true***Zeidae* family**WS 0931 Drums**Species of the family *Sciaenidae***WS 0933 Garfish***Belone belone* (L.);syn: *B. acus* Risso**WS XXXX Groupers***Epinephelus* spp.**WS 0940 Ling***Molva molva* L.; *M. byrkelange* Walbaum;syn: *M. dipterygia*; *M. elongata* Otto**WS XXXX Monkfishes***Lophius* spp.**WS 0943 Mulletts**

(among others Mullet, red; Mullet, striped)

*Mugil cephalus**Mullus surmeletus* L.;other spp of the family *Mugilidae***WS XXXX Norway pout***Trisopterus esmarkii* Nilsson**WS 0944 Ocean Perch**

According to Codex Stan. 51-1981 includes

*Sebastes marinus* L. ; *S. mentella* ; *S. viviparus* Kroyer ; *S. alutus* ;*Scorpaena dactyloptera* Delaroche ;*Helicolenus maculatus***WS 0947 Pomfret, Atlantic***Brama brama*;syn: *B. raii* Bloch**WS XXXX Rabbit fish***Siganus argenteus* Quoy & Gaimard**- Salema, see Boque WS 0923***Boops salpa* (L.);syn: *Sarpa salpa* L.**WS 0957 Salmon, Threadfin***Polydactylus sheridani* (Australia)**WS XXXX Salmon-bass***Argyrosomus regius* Asso**WS XXXX Sandlace, Pacific***Ammodytes personatus* Girard

**WS XXXX Snappers***Lutjanus* spp.

- **Scorpion fishes**, see Ocean Perch, WS 0944  
*Scorpaena dactyloptera* Delaroche;  
 syn: *Helicolenus dactylopterus* (Delaroche)  
 other spp. of the family *Scorpaenidae*

**WS 0949 Sea bass**

*Morone labrax* L; syn: *Dicentrarchus labrax* (L.);  
*M. saxatilis*; other *Morone* spp.

**WS 0950 Sea bream**

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

- **Sea catfish**, see Wolffish, WS 0955  
*Anarichas* spp.

**WS XXXX Swordfish***Xiphias gladius* L.

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

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

*Anarhichas lupus* L.;  
*A. minor* Olafsson

**WS XXXX Yellow croaker***Larimichthys polyactis* Bleeker

**Fish roe (including milt = soft roe) and edible offal of fish****Class B****Type 8 Aquatic animal products Group 043****Group Letter Code WR for the roe****Group Letter Code WL for liver and other edible fish offal**

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

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

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

Exposure to pesticides is through animal metabolism.

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

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

Group 043 is divided in two subgroups:

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

Subgroup 043B Edible offal of fish

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

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

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

<u>Code No.</u>	<u>Commodity</u>
WR XXXX	<b>Subgroup of Fish roe ( including milt= soft roe)</b> (includes all commodities in group 043A)
WR 0121	Salmon roe, Pacific (d)
<del>WR 0131</del>	<del>Shark liver (m)</del>
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)
<b>WR XXXX</b>	<b>Lumpfish, roe (m)</b>
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)
<del>WL 0927</del>	<del>Cod liver (m)</del>

**Subgroup 043B Edible offal of fish**

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

(includes all commodities subgroup 043B)

**WL 0927 Cod, liver (m)****WL XXXX Fish, skin****WL XXXX Fish, swim bladder****WL 0131 Shark, liver (m)**

**Marine mammals****Class B**

**Type 8 Aquatic animal products Group 044 Group Letter Code WM**

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

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

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

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

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

Two subgroup are defined

Subgroup 044A Marine mammalian meat

Subgroup 044B Fat of marine mammals, unprocessed

**Group 044 Marine mammalian products**

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

**Subgroup 044A Marine mammalian meat**

<u>Code No.</u>	<u>Commodity</u>
WM XXXX	<b>Subgroup of Marine mammalian meat</b> (includes all commodities in group 044A)
<del>WM 0142</del>	<del><b>Fat of Dolphins, Seals and Whales, unprocessed</b></del>
WM 0970	<b>Dolphins</b> spp. of the family <i>Dolphinidae</i>
-	<b>Dolphin, Bottlenose</b> , see Dolphins, , WM 0970 <i>Tursiops truncatus</i> (Mont.)
-	<b>Dolphin, Humpback</b> , see Dolphins, WM 0970
-	<b>Dolphin, Spinner</b> , see Dolphins, WM 0970 <i>Stenella longirostris</i>
-	<b>Porpoise</b> , see Whales, WM 0972 <i>Phocaena phocaena</i>
-	<b>Sea-lions</b> , see Seals, WM 0971 <i>Otaria</i> spp.; <i>Eumetopius</i> spp.; <i>Zalophus</i> spp. (all Pacific Ocean)
WM 0971	<b>Seals</b> spp. of the families <i>Otariidae</i> , <i>Phocidae</i> and <i>Trichechidae</i> . syn: <i>Odobenidae</i>
-	<b>Seal, Common</b> , see Seals, WM 0971 <i>Phoca vitulina</i>

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

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**Subgroup 044B Fat of marine mammals**

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

**Crustaceans****Class B**

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

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

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

Exposure to pesticides is through animal metabolism or water pollution.

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

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

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

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

**Group 045 Crustaceans**

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**Code No. Commodity**

WC 0143 **Group of Crustaceans**  
(includes all commodities of group 045)

WC XXXX **Barnacles**  
*Cirripedia* subclass

WC 0146 **Crabs**  
According to Codex Stan. 90-1981  
edible species of the sub-order *Brachyura* of the order of the *Decapoda* and the species of the family *Lithodidae* (= King Crabs), *Scylla* spp. (Mud Crabs)

-- **Freshwater crabs, see crabs, WO 0146**

Sub-order *Brachyura*

- **Crab, Blue, see crabs, WO 0146**

*Callinectes sapidus* Rathbun

- **Crab, Edible, see crabs, WO 0146**

*Cancer pagurus* L.

- **Crab, Tanner, see crabs, WO 0146**

*Chionoecetes* spp.

WC 0976 **Freshwater crayfishes**

*Astacus* spp. (Europe);

*Procambarus* spp. (USA);

*Eustacus* spp. (Australia)

WC 0144 **Freshwater crustaceans**

*Astacus* spp. (Europe),

*Procambarus* spp. (USA);

*Macrobrachium* spp. (Asia, Australia, South and Middle America);

species of the family *Palaemonidae*



- WC 0977 **Freshwater shrimps or prawns**, see note 2  
*Palaemon* spp.; *Macrobrachium* spp.; *Cherax* spp.
- **Langouste**, see Spiny Lobster
- WC 0978 **Lobsters**  
 According to Codex Stan. 95-1981 include  
*Homarus* spp., family of *Nephropsidae* and spp. of the families *Palinuridae* and *Scyllaridae*,  
 i.e., Spiny lobsters and Slipper lobsters
- **Lobster, American**, see Lobsters, WC 0978  
*Homarus americanus*
- **Lobster, European**, see Lobsters, WC 0978  
*Homarus gammarus* L.;  
 syn: *Cancer gammarus* L.
- **Lobster, Norway**, see Lobsters, WC 0978  
*Nephrops norvegicus* L.;  
 syn: *Cancer norvegicus* L. see also note 1
- WC 0145 **Marine crustaceans**  
 All species mentioned in this group, except those recorded as Freshwater Crustaceans
- **Prawns**, see Shrimps or Prawns, WC 0979
- **Prawn, Banana**, see Shrimps or Prawns, WC 0979  
*Penaeus merguensis* (Australia, Indo-Pacific)
- **Prawn, Brown tiger**, see Shrimps or Prawns, WC 0979  
*Penaeus esculentus* (Australia)
- **Prawn, Caramote**, see Shrimps or Prawns, WC 0979  
*Penaeus kerathurus* Forskal (Mediterranean)
- **Prawn, Common**, see Shrimps or Prawns, WC 0979  
*Palaemon serratus* Pennant (Europe, Mediterranean)
- **Prawn, Eastern king**, see Shrimps or Prawns, WC 0979  
*Penaeus plebejus* (Australia, Indo-Pacific)
- **Prawn, Endeavour**, see Shrimps or Prawns, WC 0979  
*Penaeus endeavouri* (Australia)
- **Prawn, Giant tiger**, see Shrimps or Prawns, WC 0979  
*Penaeus monodon* (Australia, Indo-Pacific)
- **Prawn, Green tiger**, see Shrimps or Prawns, WC 0979  
*Penaeus semisulcatus* (Indo-Pacific)
- **Prawn, Japanese king**, see Shrimps or Prawns, WC 0979  
*Penaeus japonicus* (Asia)
- **Prawn, Kuruma**, see Shrimps or Prawns, WC 0979
- **Prawn, Northern**, see Shrimps or Prawns, WC 0979  
*Penaeus borealis* (Northern Atlantic)
- **Prawn, Western king**, see Shrimps or Prawns, WC 0979  
*Penaeus latisulcatus* (Australia, Indo-Pacific)
- **Rock lobster**, see Lobsters, WC 0978  
*Jasus* spp. (family *Palinuridae*)

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

WC XXXX            **Squat Lobster**

*Cervimunida* spp.

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

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

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

**TYPE 9 AMPHIBIANS AND REPTILES****Frogs, lizards, snakes and turtles****Class B****Type 9 Amphibians and reptiles Group 048 Group Letter Code AR**

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

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

Exposure to pesticides is through animal metabolism.

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

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

**Five subgroups are defined**

Subgroup 048A Crocodiles

Subgroup 048B Frogs

Subgroup 048C Lizards

Subgroup 048D Snakes

Subgroup 048E Turtles

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

**Code No.                      Commodity**

AR 0148                      **Group of Amphibians and reptiles**

(includes all commodities in group 048)

**Subgroup 048A Crocodiles**

**Code No.                      Commodity**

AR XXXX                      **Subgroup of Crocodiles**

(includes all commodities in subgroup 048A)

*Crocodylus spp.*

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**Subgroup 048B Frogs**


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**Code No.****Commodity**

AR 0990

**Subgroup of Frogs**

(includes all commodities in subgroup 048B)

*Rana* spp.; especially *Rana catesbeiana*;*R. esculenta* L. ; *R. dactyla* Lesson ; *R. ridibunda* Pall.; *R. tigrina*other spp. of the family *Ranidae*- **Bullfrog**, see Subgroup of Frogs, AR 0990*Rana catesbeiana*; *R. tigrina*- **Bullfrog, Indian**, see Subgroup of Frogs, AR 0990*Rana tigrina*- **Frog, Agile**, see Subgroup of Frogs, AR 0990*Rana dalmatina* Bonap.- **Frog, Common**, see Subgroup of Frogs, AR 0990*Rana temporaria* L.- **Frog, Edible**, see Subgroup of Frogs, AR 0990*Rana esculenta* L.- **Frog, Marsh**, see Subgroup of Frogs, AR 0990*Rana ridibunda* Pall.- **Frog, Pool**, see Subgroup of Frogs, AR 0990*Rana lessonae* Camer

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**Subgroup 048C Lizards**


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**Code No.****Commodity**

AR 0991

**Subgroup of Lizards**

(includes all commodities in subgroup 048C)

Species of the zoological suborder *Lacertilia*

**Subgroup 048D Snakes**

<u>Code No.</u>	<u>Commodity</u>
AR 0992	<b>Subgroup of Snakes</b> (includes all commodities in subgroup 048D) Several spp. of the zoological order <del>order</del> <b>clade</b> <i>Ophidia</i>

**Subgroup 048E Turtles**

<u>Code No.</u>	<u>Commodity</u>
AR 0993	<b>Subgroup of Turtles</b> (includes all commodities in subgroup 048E) Species of the zoological order <del>Chelonia</del> <b>Testudines</b>
-	<b>Turtle, Green</b> , see Subgroup of Turtles, AR 0993 <i>Chelone midas</i> L.; syn: <i>Ch. viridis</i> Schneid.
-	<b>Turtle, Hawksbill</b> , see Subgroup of Turtles, AR 0993 <i>Eretmochelys imbricata</i>
-	<b>Turtle, Loggerhead</b> , see Subgroup of Turtles, AR 0993 <i>Caretta caretta</i> L.; syn: <i>Thalassochelys caretta</i> L.

AR 0149	<b>Reptiles</b>
	Lizards, snakes, turtles

**TYPE 10                    INVERTEBRATE ANIMALS**

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

**Molluscs (including cephalopods) and other invertebrate animals****Molluscs and various other invertebrate animals****Class B****Type 10                    Invertebrate animals Group 049                    Group Letter Code IM**

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

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

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

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

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

Four subgroups are defined:

Subgroup 049A                    Bivalves

Subgroup 049B                    Cephalopods

Subgroup 049C                    Snails and slugs

Subgroup 049D                    Various other invertebrate animals

**Group 049                    Molluscs and various other invertebrate animals**

<u>Code No.</u>	<u>Commodity</u>
IM 0150	<b>Group of Molluscs and various other invertebrate animals</b> (includes all commodities in group 049)
IM 0151	<b>Subgroup of Marine bivalve molluscs</b> Sub-class <i>Lamellibranchia</i> Clams, Cockles, Mussels, Oysters, Scallops
IM 0152	<b>Subgroup of Cephalopods</b> Cuttlefishes, Octopuses, Squids

**Subgroup 049A Bivalves**

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

IM 1005

**Scallops***Pecten* spp.; *Placopecten* spp.;*Argopecten* sp.

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

*Pecten meridionalis* (Australia)

- **Scallop, Bay**, see Scallops IM 1005

*Argopecten irradians* (N. America)

- **Scallop, Giant pacific**, see Scallops IM 1005

*Pecten caurinus* (America)

- **Scallop, Great**, see Scallops IM 1005

*Pecten maximus* (L.) (W. Europe, Mediterranean)

- **Scallop, New Zealand**, see Scallops IM 1005

*Pecten novaezealandiae* (New Zealand)

- **Scallop, Queen**, see Scallops IM 1005

*Pecten opercularis* (L.);syn: *Chlamys opercularis* L. (W. Europe)

- **Scallop, Sea**, see Scallops IM 1005

*Placopecten magellanicus* (N. America)



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**Subgroup 049B Cephalopods**


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

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**Subgroup 049C Snails and slugs**


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**Code No.**                      **Commodity**  
 IM XXXX                      **Subgroup of Snails and slugs**  
    (includes all commodities in this subgroup)

IM XXXX                      **Abalone**

*Haliotis asinine* L.

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

IM XXXX                      **Limpets**

*Patellidae* family

IM 1007                      **Snails, edible**  
    *Helix* spp.; *Achatina* spp.

-                                      **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.

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**Subgroup 049D Various other invertebrate animals**


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**Code No.**                      **Commodity**  
 IM XXXX                      **Subgroup of Various other invertebrate animals**  
    (includes all commodities in this subgroup)

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

IM XXXX                      **Earthworms**

*Eisenia fetida* Savigny

IM 1010                      **Sea-cucumbers**

species of the zoological Order of the *Holothuroidea*

IM 1006                      **Sea urchins**

Species of the zoological Order of the *Echinoidea*

IM XXXX                      **Squirts, Sea**

*Asciacea* class species

**Insects and spiders****Class B****Type 10                      Invertebrate animals Group OXX                      Group Letter Code IN**

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

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

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

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

The entire commodity may be consumed.

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

Subgroup OXXA                      Spiders (Arachnida)

Subgroup OXXB                      Insects (Insecta)

**Group OXX                      Insects and spiders**

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**Code No.                      Commodity**

IN XXXX                      **Group of insects and spiders**

(includes all commodities in group OXX)

**Subgroup OXXA                      Arachnida**

**Code No.                      Commodity**

IN XXXX                      **Subgroup of arachnida**

(includes all commodities in this subgroup)

IN XXXX                      **Spiders**

Organisms belonging to the order of Araneae

IN XXXX                      **Ticks**

Organism belonging to the order of Ixodida

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

**TYPE xx MISCELLANEOUS PRIMARY FOOD COMMODITIES OF ANIMAL ORIGIN**

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

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

**Class B**

Type xx	Miscellaneous	Group 0xx	Group Letter Code MU
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Group 0xx	<b>Miscellaneous primary food commodities of animal origin</b>		
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MU XXXX	<b>Honey</b>		
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According to Codex Stan. 12-1981<sup>1</sup> honey is the natural sweet substance produced by honey bees from the nectar of plants or from secretions of living parts of plants or excretions of plant sucking insects on the living parts of plants, which the bees collect, transform by combining with specific substances of their own, deposit, dehydrate, store and leave in the honey comb to ripen and mature.

MU XXXX	<b>Honeycomb</b>		
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MU XXXX	<b>Pollen, bee</b>		
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*alternative name bee bread*

MU XXXX	<b>Propolis</b>		
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*alternative name bee glue*

MU XXXX	<b>Royal jelly</b>		
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**CLASS E PROCESSED FOODS OF ANIMAL ORIGIN****BACKGROUND**

Revisions to Class E are highlighted in yellow and are based on the discussion in the eWG and comments received from the CL.

**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 meat and poultry meat, fishes and other aquatic animals, e.g. dried meat, dried fish.

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

Group 080. Dried meat and dried fish products, includes natural or artificial dried meat products and dried fishes, mainly marine fishes. 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 meat (from mammals other than marine mammals)

080B Dried fish

080C Echinoderms

**Group 080 Dried meat and fish products**

Subgroup 080A Dried Meat (from mammals other than marine mammals)

**Code No. Commodity**

MD 0095 **Subgroup of dried meat (from mammals other than marine mammals)**  
(includes all commodities in this subgroup)

~~MD 0180 Dried fish~~

MD XXXX **Bovine meat, dried (including dried and smoked)**  
(see subgroup 030A (Code MM XXXX) for species included in the group of bovine)

MD XXXX **Camelid meat, dried (including dried and smoked)**  
(see subgroup 030B (Code MM XXXX) for species included in the group of camelid)

MD XXXX **Caprine meat, dried (including dried and smoked)**  
(see subgroup 030C (Code MM XXXX) for species included in the group of caprine)

MD 0812 **Cattle meat, dried (including dried and smoked)**

MD XXXX **Cervine meat, dried (including dried and smoked)**  
(see subgroup 030D (Code MM XXXX) for species included in the group of cervine)

MD XXXX **Equine meat, dried (including dried and smoked)**  
(see subgroup 030E (Code MM XXXX) for species included in the group of equine)

MD 0814 **Goat meat, dried (including dried and smoked)**

MD 0816 **Horse meat, dried (including dried and smoked)**

MD XXXX **Ovine meat, dried (including dried and smoked)**  
(see subgroup 030F (Code MM XXXX) for species included in the group of ovine)

MD 0818 **Pig meat, dried (including dried and smoked)**

MD XXXX **Swine meat, dried (including dried and smoked)**  
(see subgroup 030G (Code MM XXXX) for species included in the group of swine)

MD XXXX **Various other Mammalian meat, dried (including dried and smoked)**  
(see subgroup 030H (Code MM XXXX) for species included in the group of various other mammalian meats)

**Subgroup 080B Dried fish**

<u>Code No.</u>	<u>Commodity</u>
<b>MD XXXX</b>	<b>Subgroup of dried fish</b>
	(includes all commodities in this subgroup)
MD 0120	Diadromous fish, dried
MD 0127	Flat-fishes, dried
	(see Group 042, Subgroup 0127)
MD 0125	Marine fish, dried
MD 0126	Stockfish (= dried Cod and Cod-like fishes)
	(see Group 042, Subgroup WS 0126)
MD 0927	Cod, dried
MD 0929	Dab or Common dab, dried
MD 0935	Hakes, dried
MD 0936	Halibut, dried
MD 0940	Ling, dried

**MD XXXX Fresh water fish, dried and smoked****Subgroup 080C Echinoderms**

<u>Code No.</u>	<u>Commodity</u>
<b>MD XXXX</b>	<b>Subgroup of echinoderms</b>
	(includes all commodities in this subgroup)
MD 5297	Beche-de-mer, dried, see Sea-cucumbers, dried
MD 1010	Sea cucumber, dried



**Class E****Type 16 Secondary food commodities of animal origin****Group 081 Group Letter Code AD**

Group 081. Avian products, includes natural or artificial dried meat products and 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 Avian Products****Code No. Commodity**

**AD XXXX Subgroup of Avian egg products**

**AD XXXX Chicken egg, pasteurized liquid egg yolk**

**AD XXXX Chicken egg, pasteurized liquid egg white**

**AD XXXX Chicken egg, pasteurized scrambled egg**

**AD 0840 Chicken egg, powder**

**AD 0841 Chicken egg, white**

**AD 0842 Chicken egg, white, dried**

**AD 0843 Chicken egg, yolk**

**AD 0844 Chicken egg, yolk, dried**

**AD XXXX Subgroup of Avian meat products**

**AD 0845 Chicken meat, dried (including dried and smoked)**

**AD 0848 Turkey meat, 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.

Specific commodities will be listed in this group with their code nos. according as the necessity for this arises.

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

**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 meat 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 meat without shell as prepared for wholesale or retail distribution.**

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

**Group 084                      Crustaceans, processed**

<u>Code No.</u>	<u>Commodity</u>
SC 0143	<b>Crustaceans, cooked</b>
SC 0144	<b>Freshwater crustaceans, cooked</b>
SC 0145	<b>Marine crustaceans, cooked</b>
SC 0146	<b>Crabmeat, cooked</b>
SC 0976	<b>Freshwater crayfishes, cooked</b>
SC 0977	<b>Freshwater shrimps or prawns, cooked</b>
SC 0978	<b>Lobsters (including Lobster meat), cooked</b>
SC 0979	<b>Shrimps or Prawns, cooked</b>
SC 1220	<b>Shrimps or Prawns, parboiled</b>

**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    Fats from mammals (other than marine mammals)

085B    Fats from Marine mammals

085C    Fats from Avian species

085D    Fats from Fish species

**Group 085**            **Animal fats, processed****Subgroup 085A Fats from mammals other than marine mammals****Code No.**                    **Commodity**

FA XXXX                    **Subgroup of fats from mammals (other than marine mammals)**

(includes all commodities in this subgroup)

FA XXXX                    **Bovine tallow**

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

FA 0810                    **Buffalo tallow**

*Bubalis bubalis* L.;

*Syncerus caffer* Sparrman

*Bison bison* L.

FA 0811                    **Camel tallow**

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

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

FA 0812                    **Cattle tallow (including processed suet)**

*Bos taurus* L.;

see further Group 037, no. MM 0812

FA XXXX                    **Cervine tallow**

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

FA XXXX                    **Equine tallow**

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

FA 0814                    **Goat tallow**

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

FA 0816                    **Horse tallow**

*Equus caballus* L.

FA 0818                    **Lard (of pigs)**

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

FA 0822                    **Sheep tallow**

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

**FA XXXX Swine tallow**

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

**FA XXXX Various other mammalian meats tallow**

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

**Subgroup 085B Fats from marine mammals****Code No.                      Commodity**

FA XXXX                      **Subgroup of fats from marine mammals**  
 (includes all commodities in this subgroup)

FA 0972                      **Whales, Blubber of, processed**

FA 0142                      **Processed Fat (Blubber), of Whales, Dolphins and Seals**

**Subgroup 085C Fats from Avian species****Code No.                      Commodity****FA XXXX Subgroup of fats from avian species**

(includes all 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 Fats from Fish species****Code No.                      Commodity**

FA XXXX                      **Subgroup of fats from fish species**

(includes all commodities in this subgroup)

FA 0125                      **Fish, oil**

**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 0183 **Milk fats**  
(from milk of Buffalo, Camel, Cattle, Goat or Sheep)

**FM XXXX Bovine milk fat**

(see subgroup 030A (Code MM XXXX) 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 0812 **Cattle milk fat**

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

**FM XXXX Cervine milk fat**

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

**FM XXXX Equine milk fat**

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

FM 0814 **Goat milk fat**

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

FM 0822 **Sheep milk fat**

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

**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).

Specific commodities will be listed in this group with their code nos. according as the necessity for this arises.

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).

Specific commodities will be listed in this group with their code nos. according as the necessity for this arises.

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).

Specific commodities will be listed in this group with their code nos. according as the necessity for this arises.

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

**AGENDA ITEM 7(d)**

**COORDINATION OF WORK BETWEEN CCPR and CCRVDF:  
Class B – Primary food commodities of animal origin  
Harmonization of meat mammalian maximum residue limits between CCPR and CCRVDF:  
Harmonized Definition for Edible Offal and other edible animal tissues**

**Background**

This CRD needs to be read in conjunction with CL 2022/36-PR and CX/PR 22/53/9. In those documents the background of the discussions in previous CCPR-meetings and the discussions in the Electronical Working Groups can be found.

In CX/PR 22/53/9 two definitions for edible offal were presented:

1. Definition for Edible Offal as agreed by CCRVDF25 and recommended for adoption by CCPR53:

- **Edible offal:** Those parts of an animal, apart from the skeletal muscle, fat and attached skin, that are considered fit for human consumption.

2. Definition for Edible Offal as proposed by Germany based on information and considerations provided in Appendix II for consideration by CCPR53:

- **Edible offal:** Those parts of an animal, apart from the skeletal muscle and adhering fat tissues, that are considered fit for human consumption.

Additionally, the following definitions were presented:

3. Definition for “meats” as proposed by Germany:

- “Meats are the muscular tissues, including adhering fatty tissues such as intramuscular, intermuscular and subcutaneous fat from animal carcasses or cuts of these as prepared for wholesale or retail distribution in a “fresh” or frozen state.”

4. Definition for ‘meat, fat and muscle’ as proposed by the JECFA/JMPR Working Group:

- **Meat:** The edible part of any mammal.
- **Fat:** The lipid-based tissue that is trimmable from an animal carcass or cuts from an animal carcass. It may include subcutaneous, omental or perirenal fat. It does not include interstitial or intramuscular carcass fat or milk fat.
- **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.

In CL 2022/36-PR Codex members and observers were invited to submit comments on the definitions and express their preferences. In this document the comments received on the CL 2022/36-PR are summarized.

**COMMENTS AND NOTES RECEIVED ON CL 2022/34-PR**

Comments on CL 2022/34-PR were received from: Canada, Chile, Colombia, Egypt, European Union, Iran, Kenya, Philippines, Thailand.

Philippines, European Union, Kenya, Thailand, Chile, and Kenya expressed support for edible offal definition as agreed by CCRVDF25 and recommended for adoption by CCPR53. The EU noted that the revised definition of edible offal, which excludes the skin attached to fat, is in line with the current definition for poultry meat and fish meat, but not for meat from mammals other than marine mammals.

Canada, Egypt and Iran expressed support for edible offal definition as proposed by Germany.

Kenya expressed support for definitions for fat, meat and muscle as proposed by JECFA/JMPR.

Thailand expressed a wish to align the definitions for edible animal tissues between CCPR and CCRVDF and noted that the chosen definition should not confuse readers and give mutual understanding, in particular where commodities contain attached skin as well as where there is connection between this term and the definition of edible offal. In relation to the revision of Classification of Foods and Animal Feeds (CXM 4-1989), terms appearing in list of commodities should be the same as the harmonized definitions to avoid confusion. The existing Codex classification and Codex MRLs which are clearly divided into MRL for muscle, fat and edible offal should be remained.

**Recommendation**

Continue the discussion on the best suitable definitions during the pre-meeting about the Revision of the Classification of Food and Feed and try to reach a consensus to present in CCPR53.