

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of
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Agenda Item 7(a)

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CODEX COMMITTEE ON PESTICIDE RESIDUES

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DRAFT REVISION OF THE CODEX CLASSIFICATION OF FOODS AND ANIMAL FEEDS: TREE NUTS, HERBS AND SPICES

(At Step 6)

(Prepared by The Netherlands and the United States of America)

Governments and interested international organizations wishing to submit additional comments on the revised commodity groups tree nuts, herbs and spices (see Annex) are invited to do so in writing to: Ms. Duang Lifang, Institute for the Control of Agrochemicals, Ministry of Agriculture (ICAMA), P.R. China, Fax: +86-10-59194252, Email: ccpr@agri.gov.cn with a copy to: Secretariat, Codex Alimentarius Commission, Joint WHO/FAO Food Standards Programme, FAO, Viale delle Terme di Caracalla, 00153 Rome, Italy, by Email codex@fao.org or Fax: +39-06-5705-4593 by 15 March 2011.

BACKGROUND

1. The background on the discussion of the revision of the Codex Classification of Foods and Animal Feeds can be found in the reports of the 36th – 42nd sessions of the Committee on Pesticide Residues including relevant sessions of the Commission held between 2004 – 2010. Reports of Codex committees' meetings are available for downloading at: <http://www.codexalimentarius.net/>.
2. The 42nd Session of the Committee (April 2010) agreed to forward the proposed draft revision of the Codex Classification of Foods and Animal Feeds for the 3 commodity groups, i.e. Tree Nuts, Herbs and Spices, to the Commission for adoption at Step 5. The 33rd Session of the Commission (July 2010) adopted the proposed draft text and advanced it to Step 6 for comments by Codex members and interested international organizations. In this regard, a circular letter CL 2010/29-PR was sent out through the Codex Secretariat however no comments were received.¹
3. In order to facilitate the discussion and advancement of the revision of the Classification for these commodity groups in the Step Procedure, the Electronic Working Group on the Revision of the Codex Classification of Foods and Animal Feeds led by The Netherlands and the United States of America overtook the revision of the 3 commodity groups as presented in Appendix X of ALINORM 10/33/24 and produced a revised document for consideration by the 43rd Session of the Committee. The paragraphs below reflect the discussion and recommendation of the EWG in this regard.

PROPOSALS AT STEP 7

4. During the last CCPR new commodities were included in square brackets in the commodity groups. In addition, a new subgroup 028H Citrus Peel was included in square brackets in the group of Spices.

TREE NUTS

5. In the commodity group Tree Nuts, "Betel nut" (*Areca catechu* L.) was added in square brackets. The brackets are proposed to be deleted and the code numbers were amended.
6. The USA mentioned that they included additional tree nuts in their classification system. It is proposed to include Yellow-horn (*Xanthoceras sorbifolium* Bunge) and Monkey-puzzle (*Araucaria araucana* (Molina) K. Koch). Because Monkey puzzle, Bunya and Brazilian pine are all *Araucaria* spp it is also proposed to group them in the commodity of Araucaria nuts.

HERBS

7. During the last CCPR additions and new commodities were included in square brackets. Most of the square brackets are proposed to be deleted. Some square brackets commodities were amended:

¹ ALINORM 10/33/24, paras. 98-101 and 105.

- Daylily flowers. It is proposed to include this commodity in the commodity "Edible flowers". A reference to Edible flowers is included.
- Geranium (lemon, rose), is added after the scientific names "and other scented varieties".
- *Mentha cordifolia* is a synonym of *Mentha spicata* and is included in the proposal.
- Pandan leaves: No additional species were indicated.
- Phank ka Yaeng is included in Rice paddy herb. A reference to Rice paddy herb is included.
- *Tagetes lucida* (Tarragon) was already included in Marigold and is deleted in the commodity Tarragon.
- Wild betle leaf bush (*Piper sarmentosum*). It must be considered if this commodity should be included in the Leafy vegetable group, because it is used in salads. The entry is still kept in square brackets. In the current Classification Betel leaves (*Piper betle* L., VL 461) and Pepper leaves (VL 489) are included in the group of Leafy vegetables. In this proposal the commodity "Pepper leaves" (*Piper* spp.) is included in the subgroup "Leaves of woody plants". It must be considered if commodities of Pepper leaves have to be included in the group of Herbs or in the group of Leafy vegetables. It is also proposed to place the Pepper leaves in square brackets and consider these commodities when the revised proposal for the Leafy Vegetable group is drafted.
- Eucalyptus (*Eucalyptus* spp.) was deleted. The oil of the leaves is mainly used in medicinal type of products. It will be proposed to include the fruit and bark of Eucalyptus into the group of Spices, because these commodities are used as food.

The codes were amended and the initials were included to the newly added scientific names.

SPICES

8. During the last CCPR additions and new commodities were included in square brackets. Most of the square brackets are proposed to be deleted. Some square brackets commodities were amended:

- New commodity "Caper berries" is included in 028B Spices, fruit or berries.
- Cardamom "(pods and seeds)" is added.
- Cassia bark is included in the current classification in the commodity Cinnamon bark. No separate entry is needed.
- Tejpat is deleted in Subgroup 028C, because the bark is not consumed from this species.
- Asafoetida: A note is added: "Asafoetida is not only marketed as root, but also as products (resin, powder, flour), which are produced from the gum of the root."
- Krachai. A new entry is made for Fingerroot (*Boesenbergia rotunda*). *B. pandurata* is a synonym of *B. rotunda*. A reference is included of Krachai to Fingerroot.
- Added in the subgroup Citrus peel: Kaffir lime peel, Satsuma mandarin peel and Yuzu peel. (Comments of Japan, CX/ 42/6-Add.1, March 2010)
- Added in the subgroup of fruit and berries: Eucalyptus fruit (*Eucalyptus* spp.) and also added in the subgroup of bark Eucalyptus bark (*Eucalyptus* spp.).

Other amendments:

- The US classification includes the commodity Luo han guo (*Siraitia grosvenorii*) in their system. It is also proposed to include this commodity in the subgroup Spices, fruit or berries.
- Coriander root is changed from a reference to the Herbs group in a separate commodity

The codes were amended and the initials were included to the newly added scientific names.

9. The proposals for the 3 commodity groups "Tree Nuts", "Herbs" and "Spices" are included in the Annex.

RECOMMENDATION

10. The Delegation of The Netherlands and the Delegation of the USA propose to the Committee to discuss the proposals for the 3 commodity groups and propose to keep them at Step 7 waiting for the finalization of the revision of the Classification.

ANNEXPROPOSALS FOR THE REVISION OF THE CODEX CLASSIFICATION:
"TREE NUTS", "HERBS" AND "SPICES"Tree nutsClass A

Type 4 Nuts and seeds Group 022 Group Letter Code TN

Group 022, Tree nuts are the seeds of a variety of trees and shrubs, which are characterized by an inedible shell enclosing an oily seed.

The seed is protected from pesticides applied during the growing season by the shell and other parts of the fruit.

The edible portion of the nut is consumed in natural, dried or processed forms.

Portion of the commodity to which the MRL applies (and which is analysed): Whole commodity after removal of shell. Chestnuts: whole in skin.

Group 022 Tree nuts

Code No. Commodity

TN 0085 Tree nuts
(includes all commodities in this group)

TN 3100 African nut
Ricinodendron heudelotii (Baill.) Heckel

TN 0660 Almonds
Prunus dulcis (Mill.) D. A. Webb,
Syn: *Amygdalus communis* L., *Prunus amygdalus* Batsch.

TN 3101 Araucaria nut
Araucaria bidwillii Hook; *A. angustifolia* (Bertol.) Kuntze;
A. araucana (Molina) K. Koch

TN 0661 Beech nuts
Fagus sylvatica L.; *F. grandifolia* Ehrh.

TN 3102 Betel nut
Areca catechu L.

TN 0662 Brazil nut
Bertholletia excelsa Humb. & Bonpl.

Brazilian pine, see Araucaria nut, TN 3101

Araucaria angustifolia (Bertol.) Kuntze

Bunya, see Araucaria nut, TN 3101

Araucaria bidwillii Hook

Bur oak, see Oak nut, TN 3107

Quercus macrocarpa Michx.

Bush nut, see Macadamia nut, TN 0669

TN 0663 Butter nut
Juglans cinerea L.

Cajou, see Cashew nut, TN 0295

Anacardium giganteum Hancock ex Engl.

TN 3103 Candle nut
Aleurites moluccanus (L.) Willd.

- TN 0295 **Cashew nut**
Anacardium occidentale L.; *Anacardium giganteum* Hancock ex Engl.
- Castanha-do-maranhão**, see Pachira nut, TN 0670
Pachira glabra Pasq.
 Syn: *Bombacopsis glabra* (Pasq.) A. Robyns
- TN 0664 **Chestnuts**
Castanea spp.
- Chinquapin**, see Chestnuts, TN 0664
Castanea pumila (L.) Mill.
- TN 0665 **Coconut**
Cocos nucifera L.
- TN 3104 **Dika nut**
Irvingia gabonensis (Aubry-Lecomte ex O'Rorke) Baill.
- Filberts**, see Hazelnuts, TN 0666
Corylus maxima Mill.
- TN 3105 **Ginkgo**
Ginkgo biloba L
- Guiana chestnut**, see Pachira nut, TN 0670
Pachira aquatica Aubl.
- Heartnut**, see Walnuts, TN 0678
Juglans ailantifolia var. *cordiformis* (Makino) Rehder
- TN 0666 **Hazelnuts**
Corylus avellana L.; *C. maxima* Mill.;
C. americana Marschall; *C. californica* (A. DC.) Rose
- TN 0667 **Hickory nuts**
Carya ovata (Mill.) K. Koch.; *C. glabra* (Mill.) Sweet;
 other sweet *Carya* species
- TN 0668 **Japanese horse-chestnut**
Aesculus turbinata Blume;
- Java almonds**, see Pili nuts, TN 0673
Canarium vulgare Leenh.; *C. indicum* L.
- TN 0669 **Macadamia nuts**
Macadamia ternifolia F. Muell.; *M. tetraphylla* L.A.S. Johnson;
M. integrifolia Maiden & Betche
- TN 3106 **Mongongo**
Schinziophyton rautanenii Schinz) Radcl.-Sm
- Monkey-pot**, see Sapucaia nut, TN 0676
Lecythis pisonis Cambess.
- Monkey-puzzle**, see Araucaria nut, TN 3101
Araucaria araucana (Molina) K. Koch
- TN 3107 **Oak nut**
Quercus spp.

- TN 3108 **Okari nut**
Terminalia kaernbachii Warb.
- TN 0670 **Pachira nut**
Pachira insignis Savigny; *Pachira glabra* Pasq.; *Pachira aquatica* Aubl.
- TN 0671 **Paradise nut**, see Sapucaia nut
Lecythis zabucajo Aubl.
- TN 0672 **Pecan**
Carya illinoensis (Wangenh.) K. Koch
- TN 3109 **Pequi seed**
Caryocar brasiliense Cambess.
- Pignolia or Pignoli**, see Pine nuts, TN 0673
- TN 0674 **Pili nuts**
Canarium ovatum Engl.; *C. luzonicum* A Gray; *C. vulgare* Leenh.;
C. indicum L.
- TN 0673 **Pine nuts**
Mainly *Pinus pinea* L.; also
P. cembra L.; *P. edulis* Engelm.; *P. sibirica* Du Tour; *P. koraiensis* Siebold
& Zucc.; *P. Gerardiana* Wall. Ex D. Don; *P. Monophylla* Torr & Frém.
and other *Pinus* species
- Pinocchi**, see Pine nuts, TN 0673
- **Piñon nut**, see Pine nuts, TN 0673
- TN 0675 **Pistachio nut**
Pistachio vera L.
- Queensland nut**, see Macadamia nut, TN 0669
- TN 0676 **Sapucaia nut**
Lecythis zabucajo Aubl.; *L. minor* Jacq.; *L. ollaria* Loefl.; *L. pisonis*
Cambess
- TN 0677 **Tropical almond**
Terminalia catappa L.
- TN 0678 **Walnuts**
Juglans regia L.; *J. nigra* L. *J. hindsii* Jeps. Ex R.E. Sm.; *J. microcarpa*
Berland var. *microcarpa*; *Juglans ailantifolia* var. *cordiformis*
(Makino) Rehder
- Walnut, Black**, see Walnuts, TN 0789
Juglans nigra L. ; *J. hindsii* Jeps. Ex R.E. Sm.; *J. microcarpa* Berland
var. *microcarpa*
- Walnut, English; Walnut, Persian**, see Walnuts, TN 0678
Juglans regia L.
- TN 3110 **Yellow-horn**
Xanthoceras sorbifolium Bunge

Herbs**Class A**

Type 5 Herbs and spices Group 027 Group Letter Code HH

Herbs consist of leaves, flowers, stems and roots from a variety of (herbaceous) plants, used in relatively small amounts as condiments to flavour foods or beverages. They are used either in fresh or naturally dried form.

Herbs are fully exposed to pesticides applied during the growing season. Post-harvest treatments are often carried out on dried herbs.

Herbs are consumed as components of other foods in succulent and dried forms or as extracts of the succulent products.

The group Herbs is divided in two subgroups:

027A Herbs (herbaceous plants)

027B Leaves of woody plants (leaves of shrubs and trees)

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as marketed, mainly in the fresh form.**

Group 027 Herbs

<u>Code No.</u>	<u>Commodity</u>
HH 0092	Herbs
	(includes all commodities in this group)
Group 027A Herbs (herbaceous plants)	
<u>Code No.</u>	<u>Commodity</u>
HH 2095	Herbs (herbaceous plants)
	(includes all commodities in this subgroup)
HH 0720	Angelica
	<i>Angelica archangelica</i> L.; <i>A. sylvestris</i> L.
HH 3190	Anise
	<i>Pimpinella anisum</i> L.
HH 0721	Balm leaves
	<i>Melissa officinalis</i> L.
HH 0722	Basil
	<i>Ocimum basilicum</i> L.; <i>Ocimum x citrodorum</i> Vis.; <i>O. minimum</i> L.; <i>O. americanum</i> L.; <i>O. gratissimum</i> L.; <i>O. tenuiflorum</i> L.
HH 0724	Borage
	<i>Borago officinalis</i> L.
HH 3191	Borage, Indian
	<i>Plectranthus amboinicus</i> (Lour.) Spreng.
HH 0725	Burnet
	<i>Sanguisorba officinalis</i> L.; <i>Sanguisorba minor</i> Scop.
HH 3192	Calamint
	<i>Calamintha grandiflora</i> (L.) Moench ; <i>Calamintha nepeta</i> (L.) Savi
HH 0737	Calendula, leaves and flowers
	<i>Calendula officinalis</i> L.
HH 3193	Carraway leaves
	<i>Carum carvi</i> L.

- HH 0726 **Catmint**
Nepeta cataria L.
- Catnip**, see Catmint, HH 0726
- HH 0624 **Celery leaves**
Apium graveolens L.; var. *seccalinum* (Alef) Mansf.
- Chervil , leaves and flowers**, VL 0465, see Group 013: Leafy vegetables
- HH 0727 **Chives**, VA 2605, see Group 009: Bulb vegetables
- Cilantro**, see Coriander leaves HH 3194
- Clary**, see Sage (and related *Salvia* species), HH 0743
Salvia sclarea L.
- HH 3194 **Coriander leaves**
Coriandrum sativum L.
- HH 3195 **Coriander, Bolivian**
Porophyllum ruderale (Jacq.) Cass.
- HH 3196 **Coriander, Vietnamese**
Persicaria odorata (Lour.) Sojak.
- HH 0748 **Costmary**
Tanacetum balsamita L.;
- HH 3197 **Cover fern**
Marsilea crenata C. Presl.
- HH 3198 **Culantro**
Eryngium foetidum L.
- HH 3199 **Curry plant**
Helichrysum italicum (Roth.)G. Don
- Daylily**, see Group 009: Bulb vegetables, VA 2600
- Daylily flowers**, see Edible flowers, HH 3200
- HH 0730 **Dill**
Anethum graveolens L.
- HH 3200 **Edible flowers**
Various edible flowers
- HH 3201 **Epazote**
Dysphania ambrosioides (L.) Mosyakin & Clemants
- Estragon**, see Tarragon, HH 0749
- Fennel, Bulb**, see Group 017: Stalk and Stem vegetables, VA 0380
- HH 0731 **Fennel leaves**
Foeniculum vulgare Mill.;
- HH 3202 **Fennel, Spanish**
Nigella hispanica L. and *Nigella damascena* L.
- HH 3203 **Fenugreek leaves**
Trigonella foenum-graecum L.

- HH 3204 **Geranium (lemon, rose)**
Pelargonium crispum (P.J. Bergius) L'Her and *Pelargonium graveolens* L'Her; *Pelargonium tomentosum* Jacq.; *Pelargonium quercifolium* (L.f.) L'Hér. ex Aiton and other scented varieties
- HH 0732 **Horehound**
Marrubium vulgare L.
- HH 0733 **Hyssop**
Hyssopus officinalis L.
- HH 3205 **Hyssop, anise**
Agastache foeniculum (Pursh) Kuntze ; *Agastache rugosa* (Fisch. & C.A. Mey) Kuntze
- HH 0734 **Lavender**
Lavendula angustifolia Mill.;
- HH 3206 **Lemongrass**
Cymbopogon citratus (DC.) Stapf ; *C. flexuosus* (Nees ex Steud.) Will. Watson
- HH 0735 **Lovage**
Levisticum officinale Koch.
- HH 3207 **Marigold**
Tagetes erecta L.; *T. patula* L.; *T. lucida* Cav.; *T. tenuifolia* Cav.
- HH 0736 **Marjoram**
Origanum marjorana L.; *O. vulgare* L. *O. onites* L.
- HH 3208 **Meadowsweet**
Filipendula ulmaria (L.) Maxim.
- HH 0738 **Mints**
Several *Mentha* species and hybrids; (see also individual Mints) including *Mentha spicata* L., syn: *M. cordifolia* Opiz ex Fresen.; *M. x piperata* L.; *Mentha x gracilis* Sole; *M. aquatica* L.; *M. longifolia* (L.) Huds.; *M. arvensis* L.; *M. suaveolens* Ehrh.
- HH 3209 **Mioga (shoots and flower buds)**
Zingiber mioga (Thunb.) Roscoe
- HH 3210 **Monarda**
Monarda didyma L.; *M. fistulosa* L.; *M punctata* L. ; *M. citriodora* Cerv. Ex Lag.; *M. pectinata* Nutt.
- Mugwort**, see see Southernwood, HH 0754
Artemisia vulgaris L.
- Myrrh**, see Sweet Cicely, HH 0747
- HH 0739 **Nasturtium, leaves**
Tropaeolum majus L.; *T. minus* L.
- HH 3211 **Nettle**
Urtica dioica L.
- Oregano**, see Marjoram, HH 0736
Origanum vulgare L.; *O. onites* L.
- HH 3212 **Oregano, Mexican**
Lippia graveolens Kunth; *L. micromera* Schauer

- HH 3213 **Pandan leaves**
Pandanus amaryllifolius Roxb.
- HH 0740 **Parsley**
Petroselinum crispum (Mill.) Nyman ex A. W. Hill;
Syn: *P. sativum* Hoffm.; *P. hortense* auct.
P. crispum var. *neapolitanum* Danert
- HH 3214 **Pennywort**
Centella asiatica (L.) Urb.
- Peppermint**, see Mints, HH 0738
Mentha x piperita L.
- HH 3215 **Perilla**
Perrilla frutescens (L.) Britton var. *crispa*
- Phank ka yaeng**, see Rice paddy herb, HH 3217
- HH 3216 **Phak paen**
Trichodesma indicum (L.) Sm.
- HH 3217 **Rice paddy herb**
Limnophila chinensis (Osbeck) Merr.
Syn: *Limnophila aromatica* (Lam.) Merr.
- HH 0741 **Rosemary**
Rosmarinus officinalis L.
- HH 0743 **Sage and related Salvia species**
Salvia officinalis L.; *S. sclarea* L.; *S. triloba* L.
- HH 0745 **Savory, Summer; Winter**
Satureja hortensis L.; *S. montana* L.
- HH 0746 **Sorrel, Common**, and related *Rumex* species among others
Rumex acetosa L.; *R. scutatus* L.; *R. patientia* L.
- HH 0754 **Southernwood**
Artemisia abrotanum L.; *A. pontica* L.
- Spearmint**, see Mints, HH 0738
Mentha spicata L.;
- HH 3218 **Stevia**
Stevia rebaudiana (Bertoni) Bertoni
- Stink weed or Stinking**, see Culantro, HH 3198
Eryngium foetidum L.
- Swamp leaf**, see Rice paddy herb, HH 3217
- HH 0747 **Sweet Cicely**
Myrrhis odorata (L.) Scop.
- HH 0749 **Tarragon**
Artemisia dracunculus L.; *A. drancunculoides* Pursh.

HH 0750	Thyme <i>Thymus vulgaris</i> L.; <i>T. serpyllum</i> L.; <i>T. citriodorus</i> (Pers.) Schreb. and <i>Thymus</i> hybrids. Vietnamese mint , see Coriander, Vietnamese, HH 3196 <i>Polygonum odoratum</i> Lour.
HH 3219	Violet <i>Viola odorata</i> L.: <i>V. tricolor</i> L.
HH 3220	Wasabi leaves <i>Wasabia japonica</i> (Miq.) Matsum. Watercress , see Group 013: Leafy vegetables, VL 0473
HH 3221	Waterpepper, Japanese <i>Persicaria hydropiper</i> (L.) Delabre
[HH XXXX	Wild betle leaf bush <i>Piper sarmentosum</i>]
HH 0751	Winter cress, Common; American <i>Barbarea vulgaris</i> W.T. Aiton.; <i>B. verna</i> (Mill.) Asch.
HH 0752	Wintergreen leaves <i>Gaultheria procumbens</i> L. (not including herbs of the Wintergreen family (<i>Pyrolaceae</i>))
HH 3222	Yarrow <i>Achillea millefolium</i> L.
HH 3223	Yomogi <i>Artemisia indica</i> Willd. var. <i>maximowizii</i> (Nakai) H. Hara
Group 027B Leaves of woody plants	
<u>Code No.</u>	<u>Commodity</u>
HH 2096	Leaves of woody plants (includes all commodities in this subgroup)
HH 3230	Aniseed myrtle <i>Syzygium anisatum</i> (Vickery) Craven & Biffen Bay leaves , see Laurel leaves HH 0723
HH 3231	Boldo <i>Peumus boldus</i> Molina
HH 0729	Curry leaves <i>Bergera koenigii</i> L. Syn: <i>Murraya koenigii</i> L. Sprengel
HH 3232	Japanese pepper leaves <i>Zanthoxylum piperitum</i> (L.) DC.
HH 3233	Kaffir lime leaves <i>Citrus hystrix</i> DC.
HH 0723	Laurel leaves <i>Laurus nobilis</i> L.

HH 3234	Lemon myrtle <i>Backhousia citriodora</i> F. Muell.
	Malabar leaf , see Tejpat leaves, HH 3237
	Malabathrum , see Tejpat leaves, HH 3237
HH 3235	Native mint <i>Prostanthera incise</i> R. Br , <i>P. rotundifolia</i> R. Br.
[HH XXXX	Pepper, leaves <i>Piper spp.</i>]
HH 3236	Pepperbush, leaves <i>Tasmiana lanceolata</i> (Poir.) A.C. Sm. ; <i>T. stipitata</i> (Vick.)
HH 0742	Rue <i>Ruta graveolens</i> L.
HH 0744	Sassafras leaves <i>Sassafras albidum</i> (Nutt.) Nees
HH 3237	Tejpat leaves <i>Cinnamomum tamala</i> (Buch.-Ham) Nees & Eberm.

Spices**Class A**

Type 5 **Herbs and spices** **Group 028** **Group Letter Code HS**

Group 028. Spices consist of the aromatic seeds, buds, roots, rhizomes, bark, pods, flowers or parts thereof, berries or other fruits from a variety of plants, which are used in relatively small quantities to flavour foods.

Spices are exposed in varying degrees to pesticides applied during the growing season. Also post harvest treatment may be applied to spices in the dried form.

They are consumed primarily in the dried form as condiments.

The group Spices is divided in eight subgroups:

- 028A Spices, seeds
- 028B Spices, fruit or berry
- 028C Spices, bark
- 028D Spices, root or rhizome
- 028E Spices, buds
- 028F Flower or stigma
- 028G Spices, aril
- 028H Spices, Citrus peel

Portion of the commodity to which MRL applies (and which is analysed): **Unless specified, whole commodity as marketed, mainly in the dried form.**

Group 028 **Spices**

<u>Code No.</u>	<u>Commodity</u>
HS 0093	Spices (includes all commodities in this group)

Group 028A **Seeds**

<u>Code No.</u>	<u>Commodity</u>
HS 0190	Spices, seeds (includes all commodities in this subgroup)
HS 3280	Achiote seeds <i>Bixa orellana</i> L.

HS 3281	Ajwain <i>Trachyspermum ammi</i> (L.) Sprague ex Turrill Syn: <i>T. copticum</i> L.
HS 0720	Angelica seed <i>Angelica archangelica</i> L.; <i>A. sylvestris</i> L. Aniseed , see Anise seed, HS 0771
HS 0771	Anise seed <i>Pimpinella anisum</i> L.
HS 0722	Basil seed <i>Ocimum</i> spp.
HS 3282	Black caraway <i>Nigella sativa</i> L.
HS 0774	Caraway seed <i>Carum carvi</i> L.
HS 0624	Celery seed <i>Apium graveolens</i> L.
HS 3283	Chia <i>Salvia hispanica</i> L.
HS 0779	Coriander, seed <i>Coriandrum sativum</i> L.
HS 3284	Culantro seed <i>Eryngium foetidum</i> L.
HS 0780	Cumin seed <i>Cuminum cyminum</i> L.
HS 0730	Dill seed <i>Anethum graveolens</i> L.
HS 0731	Fennel, seed <i>Foeniculum vulgare</i> Mill.; Syn: <i>F. officinale</i> All; <i>F. capilaceum</i> Gilib.
HS 0782	Fenugreek, seed <i>Trigonella foenum-graecum</i> L.; <i>T. caerulea</i> (L.) Ser.
HS 3285	Honewort seed <i>Cryptotaenia japonica</i> Hassk.
HS 0735	Lovage, seed <i>Levisticum officinale</i> Koch.
HS 3286	Mahaleb <i>Prunus mahaleb</i> L.
HS 0789	Nutmeg Seed of <i>Myristica fragrans</i> Houtt.

HS 0740	Parsley seed <i>Petroselinum crispum</i> (Mill.) Nyman ex A. W. Hill;
	Poppy seed , SO 0495, see Group 023: Oilseed
	Sesame seed , SO 01700, see Group 023: Oilseed
HS 3287	Wattle seed <i>Acacia victoriae</i> Bent. and other spp.
Group 028B Fruit or berry	
<u>Code No.</u>	<u>Commodity</u>
HS 0191	Spices, fruit or berries (includes all commodities in this subgroup) Allspice fruit , see Pimento, HS 0792
HS 3290	Caper berries <i>Capparis spinosa</i> L.
HS 0775	Cardamom (pods and seeds) <i>Elettaria cardamomum</i> (L.) Maton <i>Amomum tsao-ko</i> Crevost & Lemarié ; <i>A. subulatum</i> Roxb. ; <i>A. compactum</i> Sol.ex Maton Cardamom, black , see Cardamom, HS 0775
HS 3291	Cumin, black <i>Bunium persicum</i> (Boiss.) B. Fedtsch.
HS 3292	Eucalyptus fruit <i>Eucalyptus</i> spp.
HS 3293	Gardenia fruit <i>Gardenia jasminoides</i> J.Ellis
HS 0785	Grains of paradise <i>Aframomum melegueta</i> (Rosc.) K Schum. ; Syn: <i>Amomum melegueta</i> Rosc.
HS 3294	Grains of Selim <i>Xylopia aethiopica</i> (Dunal) A. Rich.
HS 0786	Juniper, berry <i>Juniperis communis</i> L.
HS 3295	Luo han guo <i>Siraitia grosvenorii</i> (Swingle) C. Jeffrey ex. A.M. Lu & Zhi Y. Zhang
HS 3296	Miracle fruit <i>Synsepalum dulciferum</i> (Scumach. & Thonn.) Daniell
HS 0739	Nasturtium pods <i>Tropaeolum majus</i> L.; <i>T. Minus</i> L.
HS 0790	Pepper, Black; White; Pink; Green (see Note 1) <i>Piper nigrum</i> L.
HS 3297	Pepper, Cubeb <i>Piper cuceba</i> L. f.
HS 0791	Pepper, Long <i>Piper longum</i> L. ; <i>P. retrofractum</i> Vahl.;

HS 3298	Pepper, Sichuan <i>Zanthoxylum bungeanum</i> Maxim.; <i>Z. schinifolium</i> Siebold & Zucc.; <i>Z. simulans</i> Hance; <i>Z. piperitum</i> (L.) DC
HS 3299	Peperbush berry <i>Tasmannia lanceolata</i> (Poir.) A.C. Sm. ; <i>T. stipitata</i> (Vick.) A.C. Smith
HS 3300	Peppertree <i>Schinus terebinthifolius</i> Raddi; <i>S. molle</i> L.
HS 0792	Pimento, fruit <i>Pimenta dioica</i> (L.) Merrill
HS 3301	Star anise <i>Illicium verum</i> Hook.f.
HS 0369	Tamarind , see also Group 006: Assorted tropical and sub-tropical fruits - inedible peel <i>Tamarindus indica</i> L., sour varieties
HS 0795	Vanilla, beans <i>Vanilla planifolia</i> Andrews

Group 028C Bark

<u>Code No.</u>	<u>Commodity</u>
HS 0192	Spices, bark (includes all commodities in this subgroup) Cassia bark, see Cinnamon bark (including Cinnamon, Chinese bark), HS 0777 <i>Cinnamomum aromaticum</i> Nees;
HS 0777	Cinnamon bark (including Cinnamon, Chinese bark) <i>Cinnamomum verum</i> J. Presl., Syn: <i>Cinnamomum zeylanicum</i> Blume; <i>C. aromaticum</i> Nees; <i>C. burmannii</i> (Nees & T. Nees) Blume; <i>C. loureiroi</i> Nees;
HS 3310	Eucalyptus bark <i>Eucalyptus</i> spp.
HS 3311	Mastic <i>Pistacia lentiscus</i> L.
	Quinine , see Red cinchona, HS 3312
HS 3312	Red cinchona <i>Cinchona pubescens</i> Vahlk; <i>C. officinalis</i> L.

Group 028D Root or rhizome

<u>Code No.</u>	<u>Commodity</u>
HS 0193	Spices, root or rhizome (includes all commodities in this subgroup) Angelica, root, stem and leaves, see Group 027: Herbs, Angelica HH 0720
HS 3320	Asafoetida (see Note 2) <i>Ferula foetida</i> (Bunge) Regel; <i>F. assa-foetida</i> L.
HS 3321	Coriander, root <i>Coriandrum sativum</i> L.
HS 3322	Fingerroot <i>Boesenbergia rotunda</i> (L.) Mansf. Syn: <i>B. pandurata</i> (Roxb.) Schltr.

HS 0783	Galangal, rhizomes <i>Languas galanga</i> (L.) Stunz; Syn: <i>Alpinia galanga</i> Sw.; <i>Languas officinarum</i> (Hance) Farwell; Syn: <i>Alpinia officinarum</i> Hance <i>Kaempferia galanga</i> L.
HS 0784	Ginger, rhizomes <i>Zingiber officinale</i> Rosc. Horseradish , see VR 0583, Group 016: Root and Tuber vegetables Krachai , see Fingerroot, HS 3322 Licorice , see Liquorice, roots, HS 0787
HS 0787	Liquorice, roots <i>Glycyrrhiza glabra</i> L.
HS 0794	Turmeric, root <i>Curcuma longa</i> L.; <i>C. mangga</i> Valeton & van Zijp
HS 3323	Zedoary <i>Curcuma zedoaria</i> (Cristm.) Roscoe
Group 028E Buds	
<u>Code No.</u>	<u>Commodity</u>
HS 0194	Spices, buds (includes all commodities in this subgroup)
HS 0773	Caper buds <i>Capparis spinosa</i> L.
HS 0776	Cassia buds <i>Cinnamomum aromaticum</i> (L.) Nees
HS 0778	Cloves, buds <i>Syzygium aromaticum</i> (L.) Merr. & Perr.; Syn: <i>Eugenia caryophyllus</i> (Sprengel) Bullock & Harrison; <i>E. aromatica</i> Kuntze; <i>E. caryophyllata</i> Thunb.; <i>Caryophyllus aromaticus</i> L.
Group 028F Flower or stigma	
<u>Code No.</u>	<u>Commodity</u>
HS 0195	Spices, flower or stigma (includes all commodities in this subgroup)
HS 3340	Saffron <i>Crocus sativus</i> L.
Group 028G Aril	
<u>Code No.</u>	<u>Commodity</u>
HS 0196	Spices, aril (includes all commodities in this subgroup)
HS 0788	Mace Dried aril of <i>Myristica fragrans</i> Houtt.
Group 028H Citrus Peel	
<u>Code No.</u>	<u>Commodity</u>
HS 0197	Spices, Citrus peel (includes all commodities in this subgroup)
HS 2206	Kaffir lime peel <i>Citrus hirtix</i> DC.

HS 3350 **Satsuma mandarin peel**
Citrus unshiu Marcow.

HS 2211 **Yuzu peel**
Citrus junos Siebold ex Tanaka

Note 1: Although white pepper is in principle a processed food belonging to Type 13: Derived products of plant origin, it is listed for convenience in Group 028 Spices. White pepper is prepared from Black pepper, *Piper nigrum* L.: The seeds are retted in water and dried after removal of the mesocarp. The resulting white pepper may or may not be ground into powder. The scientific name of green pepper and pink pepper is *Piper nigrum* L. Pink pepper is mature pepper. Green pepper is an immature stage of pink pepper.

Note 2: Asafoetida is not only marketed as root, but also as products (resin, powder, flour), which are produced from a gum of the root.