

Brussels, XXX SANTE/10684/2015 Rev. 8 [...](2018) XXX draft

COMMISSION REGULATION (EU) .../...

of XXX

amending Annex III to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for chlorate in or on certain products

(Text with EEA relevance)

EN EN

COMMISSION REGULATION (EU) .../...

of XXX

amending Annex III to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for chlorate in or on certain products

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC¹, and in particular Article 14(1)(a) and Article 16(1)(a) thereof,

Whereas:

- (1) According to Commission Decision 2008/865/EC² all authorisations for plant protection products containing chlorate have been revoked following the non-inclusion of chlorate in Annex I to Council Directive 91/414/EEC³.
- (2) No specific maximum residue levels (MRLs) have been set for chlorate and, as this substance has not been included in Annex IV to Regulation (EC) No 396/2005, currently the default MRL of 0.01 mg/kg applies to all food and feed commodities included in Annex I to Regulation (EC) No 396/2005.
- (3) Apart from its former use in plant protection products, chlorate is also a substance that is formed as by-product resulting from the use of chlorine disinfectants in food and drinking water processing. These uses lead to the current situation of detectable residues of chlorate in food.
- (4) The European Food Safety Authority ('the Authority') collected between 2014 and 2018 monitoring data to investigate the presence of residues of chlorate in food and drinking water. Those data indicated that chlorate residues are present at levels that frequently exceed the default MRL of 0.01 mg/kg and that the levels vary depending on the source and the product. It follows from those findings that even if good practices are used, it is currently not possible to achieve levels of chlorate residues compliant with the current MRL of 0.01 mg/kg.
- (5) The Authority adopted a scientific opinion concerning the risks for public health related to the presence of chlorate in food.⁴ In that opinion the Authority established a

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OJ L 70, 16.3.2005, p. 1.

² Commission Decision 2008/865/EC of 10 November 2008 concerning the non-inclusion of chlorate in Annex I to Council Directive 91/414/EEC and the withdrawal of authorisations for plant protection products containing that substance (OJ L 307, 18.11.2008, p. 7).

Council Directive 91/414/EEC of 15 July 1991 concerning the placing of plant protection products on the market (OJ L 230, 19.08.1991, p. 1).

EFSA (European Food Safety Authority), 2015. Scientific opinion on the risks for public health related to the presence of chlorate in food. EFSA Journal 2015;13(6):4135, 103 pp.

tolerable daily intake (TDI) of 3 μ g/kg body weight per day and an acute reference dose (ARfD) of 36 μ g/kg body weight. The Authority concluded that based on the data collected in 2014 the acute dietary exposure to chlorate did not exceed the ARfD. The mean dietary exposures to chlorate in European countries exceeded the TDI in certain subgroups of the population such as infants and young children with mild to moderate iodine deficiency.

- (6) In order to bring chlorate levels down and reduce exposure through coordinated action in several relevant and related sectors, a multi-disciplinary action plan was agreed by the Member States in 2017 comprising a set of actions to be taken in parallel, including actions on drinking water, hygiene, and the setting of temporary maximum residue levels for food and feed.
- (7) This Regulation addresses the setting of temporary maximum levels in food. For this purpose a large number of occurrence data was collected between 2014 and 2018, both by Member States and by food business operators. The data shows a general trend towards decreasing levels, suggesting that manufacturing practices have already improved to a certain extent. In the specific case of chlorate, for which residues do not stem from pesticide use but result from use of chlorine-based solutions in food processing and drinking water treatment, maximum levels should be set at levels which are 'as low as reasonably achievable' (ALARA principle) by following good manufacturing practices while ensuring at the same time that good hygiene practices remain possible. This approach ensures that food business operators apply measures to prevent and reduce the chlorate levels in food as far as possible in order to protect public health, but also take into account the need for microbiological safety of food.
- (8) Temporary MRLs for chlorate according to the ALARA principle are based on the 95th percentile of the occurrence data, taking into account the use of legitimately treated drinking water in food processing. The temporary MRLs should be reviewed at the latest within five years of publication of this Regulation in the light of possible developments in the area of hygiene, of drinking water, further progress made by food business operators to bring chlorate levels down,or whenever new information and data become available that would warrant an earlier review.
- (9) The Commission consulted the European Union reference laboratories on appropriate limits of determination (LODs) for chlorate residues in certain specific commodties.
- (10) Based on the scientific opinion of the Authority and taking into account the factors relevant to the matter under consideration, the proposed MRLs fulfil the requirements of Article 14(2) of Regulation (EC) No 396/2005.
- (11) Regulation (EC) No 396/2005 should therefore be amended accordingly.
- (12) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on Plants, Animals, Food and Feed.

HAS ADOPTED THIS REGULATION:

Article 1

Annex III to Regulation (EC) No 396/2005 is amended in accordance with the Annex to this Regulation.

Article 2

The temporary MRLs for chlorate shall be reviewed not later than [Office of Publication: please insert date 5 years after publication].

Article 3

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States. Done at Brussels,

For the Commission The President

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EN ANNEX

In Part A of Annex III to Regulation (EC) No 396/2005 the following column for chlorate is added:

'[Office of Publication: please insert table Annex IIIA]'

WORKING DOCUMENT SANTE/10684/2015 [AnnexIIIA] Pesticide residues and maximum

	[AnnextifA] Pesticide residues and maximum residue levels (mg/kg)	
Code	Groups and examples of individual products to which the MRLs	
number	apply (a)	
		₹
		Chlorate (A)
		orat
0100000	FRUITS, FRESH or FROZEN; TREE NUTS	0
0110000	Citrus fruits	0.05
0110010	Grapefruits	
0110020	Oranges	
0110030	Lemons	
0110040	Limes	
0110050 0110990	Mandarins Others (2)	
0120000	Tree nuts	0.1
0120010	Almonds	
0120020	Brazil nuts	
0120030	Cashew nuts	
0120040	Chestnuts	
0120050 0120060	Coconuts Hazelnuts/cobnuts	
0120060	Macadamias	
0120070	Pecans	
0120090	Pine nut kernels	
0120100	Pistachios	
0120110	Walnuts	
0120990	Others (2)	0.05
0130000	Pome fruits	0.05
0130010 0130020	Apples Pears	
0130020	Quinces	
0130040	Mediars	
0130050	Loquats/Japanese medlars	
0130990	Others (2)	
0140000	Stone fruits	0.05
0140010 0140020	Apricots Cherries (sweet)	
0140020	Cherries (sweet) Peaches	
0140040	Plums	
0140990	Others (2)	
0150000	Berries and small fruits	0.05
0151000	(a) grapes	
0151010	Table grapes	
0151020	Wine grapes	
0152000 0153000	(b) strawberries	
0153010	(c) cane fruits Blackberries	
0153020	Dewberries	
0153030	Raspberries (red and yellow)	
0153990	Others (2)	
0154000	(d) other small fruits and berries	
0154010 0154020	Blueberries Cranberries	
0154020	Currants (black, red and white)	
0154040	Gooseberries (green, red and yellow)	
0154050	Rose hips	
0154060	Mulberries (black and white)	
0154070	Azaroles/Mediterranean medlars	
0154080	Elderberries	
0154990	Others (2) Miscellaneous fruitswith	
0160000 0161000	(a) edible peel	
0161010	Dates	0.3
0161020	Figs	0.3
0161030	Table olives	0.7
0161040	Kumquats	0.3
0161050	Carambolas	0.3
0161060	Kaki/Japanese persimmons	0.3
0161070 0161990	Jambuls/jambolans Others (2)	0.3 0.3
0162000	(b) inedible peel, small	0.3
0162010	Kiwi fruits (green, red, yellow)	
0162020	Litchis/lychees	
0162030	Passionfruits/maracujas	
0162040	Prickly pears/cactus fruits	
0162050	Star apples/cainitos	
0162060 0162990	American persimmons/Virginia kaki Others (2)	
0163000	(c) inedible peel, large	0.3
0163010	Avocados	
0163020	Bananas	
	Mangoes	i
0163030		
0163030 0163040	Papayas	
0163030 0163040 0163050	Papayas Granate apples/pomegranates	
0163030 0163040	Papayas	
0163030 0163040 0163050 0163060	Papayas Granate apples/pomegranates Cherimoyas	
0163030 0163040 0163050 0163060 0163070 0163080 0163090	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits	
0163030 0163040 0163050 0163060 0163070 0163080 0163090 0163100	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians	
0163030 0163040 0163050 0163060 0163070 0163080 0163090 0163110	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/guanabanas	
0163030 0163040 0163050 0163060 0163070 0163080 0163090 0163100 0163110 0163990	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/quanabanas Others (2)	
0163030 0163040 0163050 0163060 0163070 0163080 0163090 0163110 0163110 0163990 0200000	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/guanabanas Others (2) VEGETABLES, FRESH or FROZEN	
0163030 0163040 0163050 0163060 0163070 0163080 0163100 0163110 0163110 0163990 0200000	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/guanabanas Others (2) VEGETABLES, FRESH or FROZEN Root and tuber vegetables	0.05
0163030 0163040 0163050 0163060 0163070 0163080 0163090 0163110 0163110 0163990 0200000	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/quanabanas Others (2) VEGETABLES, FRESH or FROZEN Root and tuber vegetables (a) potatoes	0.05 0.05
0163030 0163040 0163050 0163060 0163070 0163080 0163090 0163110 0163110 0163990 0200000 0210000 0211000	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/guanabanas Others (2) VEGETABLES, FRESH or FROZEN Root and tuber vegetables	
0163030 0163040 0163050 0163070 0163070 0163080 0163100 0163110 0163990 0200000 0211000 0212000 0212010 0212010	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/quanabanas Others (2) VEGETABLES, FRESH or FROZEN Root and tuber vegetables (a) potatoes (b) tropical root and tuber vegetables Cassava roots/manioc Sweet potatoes	
0163030 0163040 0163050 0163060 0163070 0163080 0163100 0163110 0163110 0200000 02110000 0211000 0212000 0212010 0212010 0212010	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/guanabanas Others (2) VEGETABLES, FRESH or FROZEN Root and tuber vegetables (a) potatoes (b) tropical root and tuber vegetables Cassava roots/manioc Sweet potatoes Yams	
0163030 0163040 0163050 0163060 0163070 0163080 0163100 0163110 0163190 0210000 0211000 0212000 0212000 0212000 0212020 0212030 0212030 0212040	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/quanabanas Others (2) VEGETABLES, FRESH or FROZEN Root and tuber vegetables (a) potatoes (b) tropical root and tuber vegetables Cassava roots/manioc Sweet potatoes Yams Arrowroots	
0163030 0163040 0163050 0163060 0163070 0163080 0163100 0163110 0163990 0200000 0211000 0212000 0212200 02122010 02122020 02122040 0212299	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/guanabanas Others (2) VEGETABLES, FRESH or FROZEN Root and tuber vegetables (a) potatoes (b) tropical root and tuber vegetables Cassava roots/manioc Sweet potatoes Yams Arrowroots Others (2)	0.05
0163030 0163040 0163050 0163060 0163070 0163080 0163090 0163110 0163190 0200000 02110000 0212010 0212010 0212010 0212020 0212040 0212040 0212040 0212040 0212040 0212040 0212040	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/guanabanas Others (2) VEGETABLES, FRESH or FROZEN Root and tuber vegetables (a) potatoes (b) tropical root and tuber vegetables Cassava roots/manioc Sweet potatoes Yams Arrowroots Others (2) (c) other root and tuber vegetables except sugar beets	
0163030 0163040 0163050 0163060 0163070 0163080 0163100 0163110 0163110 0210000 0211000 0211000 0212000 0212000 0212020 0212030 0212040 0212290 0213000 0213000 0213000	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/quanabanas Others (2) VEGETABLES, FRESH or FROZEN Root and tuber vegetables (a) potatoes (b) tropical root and tuber vegetables Cassava roots/manioc Sweet potatoes Yams Arrowroots Others (2) (c) other root and tuber vegetables except sugar beets Beetroots	0.05
0163030 0163040 0163050 0163060 0163070 0163080 0163090 0163110 0163190 0200000 02110000 0212010 0212010 0212010 0212020 0212040 0212040 0212040 0212040 0212040 0212040 0212040	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/guanabanas Others (2) VEGETABLES, FRESH or FROZEN Root and tuber vegetables (a) potatoes (b) tropical root and tuber vegetables Cassava roots/manioc Sweet potatoes Yams Arrowroots Others (2) (c) other root and tuber vegetables except sugar beets	0.05
0163030 0163040 0163050 0163070 0163070 0163080 0163100 0163110 0163990 0200000 0211000 0212000 02122010 02122010 02122040 02122040 0212300 02133000 02133010 0213020	Papayas Granate apples/pomegranates Cherimoyas Guavas Pineapples Breadfruits Durians Soursops/quanabanas Others (2) VEGETABLES, FRESH or FROZEN Root and tuber vegetables (a) potatoes (b) tropical root and tuber vegetables Cassava roots/manioc Sweet potatoes Yams Arrowroots Others (2) (c) other root and tuber vegetables except sugar beets Beetroots Carrots	0.05

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0040000	Groups and examples of individual products to which the MRLs apply (a)	Chlorate (A)
0213060 0213070	Parsnips Parsley roots/Hamburg roots parsley	
0213080 0213090	Radishes Salsifies	
0213090	Swedes/rutabagas	
0213110 0213990	Turnips Others (2)	
0220000	Bulb vegetables	
0220010 0220020	Garlic Onions	0.7 0.5
0220030	Shallots	0.5
0220040 0220990	Spring onions/green onions and Welsh onions Others (2)	0.5 0.05
0230000	Fruiting vegetables	
0231000 0231010	(a) Solanaceae and Malvaceae Tomatoes	0.1
0231020 0231030	Sweet peppers/bell peppers Aubergines/eggplants	0.3 0.4
0231040	Okra/lady's fingers	0.1
0231990 0232000	Others (2) (b) cucurbits with edible peel	0.1
0232010	Cucumbers	
0232020 0232030	Gherkins Courgettes	
0232990	Others (2)	0.08
0233000 0233010	(c) cucurbits with inedible peel Melons	0.08
0233020 0233030	Pumpkins Watermelons	
0233990	Others (2)	
0234000 0239000	(d) sweet corn (e) other fruiting vegetables	0.1 0.1
0240000	Brassica vegetables(excluding brassica roots and brassica	
0241000	baby leaf crops) (a) flowering brassica	
0241010 0241020	Broccoli Cauliflowers	0.4 0.06
0241990	Others (2)	0.06
0242000 0242010	(b) head brassica Brussels sprouts	0.07
0242020	Head cabbages	
0242990 0243000	Others (2) (c) leafy brassica	0.06
0243010 0243020	Chinese cabbages/pe-tsai Kales	
0243990	Others (2)	
0244000 0250000	(d) kohlrabies Leaf vegetables, herbs and edible flowers	0.06
0251000 0251010	(a) lettuces and salad plants Lamb's lettuces/corn salads	
0251020	Lettuces	
0251030 0251040	Escaroles/broad-leaved endives Cresses and other sprouts and shoots	
0251050 0251060	Land cresses Roman rocket/rucola	
0251070	Red mustards	
0251080 0251990	Baby leaf crops (including brassica species) Others (2)	
0252000	(b) spinaches and similar leaves	
0252010 0252020	Spinaches Purslanes	
0252030 0252990	Chards/beet leaves Others (2)	
0253000	(c) grape leaves and similar species	
0254000 0255000	(d) watercresses (e) witloofs/Belgian endives	
0256000 0256010	(f) herbs and edible flowers Chervil	
0256020	Chives	
0256030 0256040	Celery leaves Parsley	
0256050	Sage	
0256060 0256070	Rosemary Thyme	
0256080 0256090	Basil and edible flowers Laurel/bay leaves	
0256100	Tarragon	
0256990 0260000	Others (2) Legume vegetables	0.35
0260010 0260020	Beans (with pods) Beans (without pods)	
0260030	Peas (with pods)	
0260040 0260050	Peas (without pods) Lentils	
0260990 0270000	Others (2) Stem vegetables	0.25
0270010	Asparagus	0.20
0270020 0270030	Cardoons Celeries	
0270040	Florence fennels	
0270050 0270060	Globe artichokes Leeks	
0270070 0270080	Rhubarbs	
0270090	Bamboo shoots Palm hearts	
0270990 0280000	Others (2) Fungi, mosses and lichens	
0280010	Cultivated fungi Wild fungi	0.7 0.7

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	Pesticide residues and maximum residue levels (mg/kg)	
Code number	Groups and examples of individual products to which the MRLs apply (a)	Chlorate (A)
0290000	Algae and prokaryotes organisms	0.05
0300000	PULSES	0.35
0300010	Beans	
0300020	Lentils	
0300030	Peas	
0300040	Lupins/lupini beans	
0300990 0400000	Others (2) OILSEEDS AND OIL FRUITS	
0401000	Oilseeds Oil PROITS	0.05
0401010	Linseeds	0.00
0401020	Peanuts/groundnuts	
0401030	Poppy seeds	
0401040	Sesame seeds	
0401050 0401060	Sunflower seeds Rapeseeds/canola seeds	
0401070	Soyabeans	
0401080	Mustard seeds	
0401090	Cotton seeds	
0401100	Pumpkin seeds	
0401110 0401120	Safflower seeds Borage seeds	
0401120	Gold of pleasure seeds	
0401140	Hemp seeds	
0401150	Castor beans	
0401990	Others (2)	
0402000 0402010	Oil fruits Olives for oil production	0.7
0402010	Olives for oil production Oil palms kernels	
0402020	Oil palms renes	
0402040	Kapok	
0402990	Others (2)	
0500000 0500010	CEREALS	0.05
0500010	Barley Buckwheat and other pseudocereals	
0500030	Maize/corn	
0500040	Common millet/proso millet	
0500050	Oat	
0500060	Rice	
0500070 0500080	Rye Sorghum	
0500000	Wheat	
0500990	Others (2)	
0600000	TEAS, COFFEE, HERBAL INFUSIONS, COCOA AND CAROBS	0.05
0610000	Teas Coffee beans	
0620000 0630000	Coffee beans Herbal infusions from	
0631000	(a) flowers	
0631010	Chamomile	
0631020	Hibiscus/roselle	
0631030 0631040	Rose Jasmine	
0631050	Lime/linden	
0631050 0631990	Lime/linden Others (2)	
0631990 0632000	Others (2) (b) leaves and herbs	
0631990 0632000 0632010	Others (2) (b) leaves and herbs Strawberry	
0631990 0632000 0632010 0632020	Others (2) (b) leaves and herbs Strawberry Rooibos	
0631990 0632000 0632010 0632020 0632030	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/maté	
0631990 0632000 0632010 0632020	Others (2) (b) leaves and herbs Strawberry Rooibos	
0631990 0632000 0632010 0632020 0632030 0632990 0633000 0633010	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/mate Others (2) (c) roots Valerian	
0631990 0632000 0632010 0632020 0632030 0632990 0633000 0633010 0633020	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/maté Others (2) (c) roots Valerian Ginseng	
0631990 0632000 0632010 0632020 0632030 0632990 0633000 0633010 0633020 0633990	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/mate Others (2) (c) roots Valerian Ginseng Others (2)	
0631990 0632000 0632010 0632020 0632030 0632990 0633000 0633010 0633020	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/maté Others (2) (c) roots Valerian Ginseng	
0631990 0632000 0632010 0632020 0632030 0632990 0633000 0633010 0633020 0633990 0639900 0640000	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/mate Others (2) (c) roots Valerian Ginseng Others (2) (d) any other parts of the plant Cocoa beans Carobs/Saint John's breads	
0631990 0632000 0632010 0632020 0632030 0632990 0633000 0633020 0633020 0639000 0639000 0650000 0700000	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/mate Others (2) (c) roots Valerian Ginseng Others (2) (d) any other parts of the plant Cocoa beans Carobs/Saint John's breads HOPS	0.05
0631990 0632000 0632010 0632020 0632030 0632990 0633000 0633010 0633020 0633990 0639000 0640000 0640000 0700000	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/maté Others (2) (c) roots Valerian Ginsenq Others (2) (d) any other parts of the plant Cocoa beans Carobs/Saint John's breads HOPS SPICES	
0631990 0632000 0632010 0632020 0632030 0632990 0633000 0633020 0633020 0639900 0639000 0650000 0700000	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/mate Others (2) (c) roots Valerian Ginseng Others (2) (d) any other parts of the plant Cocoa beans Carobs/Saint John's breads HOPS	0.05
0631990 0632000 0632010 0632020 0632030 0632990 0633010 0633020 0633090 0640000 0650000 0700000 0800000 0810000	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/maté Others (2) (c) roots Valerian Ginsenq Others (2) (d) any other parts of the plant Cocoa beans Carobs/Saint John's breads HOPS SPICES Seed spices	
0631990 0632010 0632010 0632020 0632030 0632930 0633000 0633010 0633020 0633020 0633000 063000 0640000 0700000 0810010 0810010 0810030	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/maté Others (2) (c) roots Valerian Ginsenq Others (2) (d) any other parts of the plant Cocoa beans Carobs/Saint John's breads HOPS SPICES Seed spices Anise/aniseed Black caraway/black cumin Celery	
0631990 0632000 0632010 0632012 0632020 0632030 0633000 0633010 0633020 0633020 063020 063000 0700000 0800000 0810010 0810010 0810020 0810040	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/mate Others (2) (c) roots Valerian Ginseng Others (2) (d) any other parts of the plant Cocoa beans Carobs/Saint John's breads HOPS SPICES Seed spices Anise/aniseed Black caraway/black cumin Celery Coriander	
0631990 0632000 0632010 0632020 0632990 0632990 0633000 0633020 0633020 0633020 0639000 0650000 0700000 0810000 0810000 0810030 0810030 0810030	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/maté Others (2) (c) roots Valerian Ginseng Others (2) (d) any other parts of the plant Cocoa beans Carobs/Saint John's breads HOPS SPICES Seed spices Anise/anised Black caraway/black cumin Celery Coriander Cumin	
0631990 0632000 0632010 0632012 0632020 0632030 0633000 0633010 0633020 0633020 063020 063000 0700000 0800000 0810010 0810010 0810020 0810040	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/mate Others (2) (c) roots Valerian Ginseng Others (2) (d) any other parts of the plant Cocoa beans Carobs/Saint John's breads HOPS SPICES Seed spices Anise/aniseed Black caraway/black cumin Celery Coriander	
0631990 0632010 0632010 0632020 0632030 0632930 0633000 0633000 0633020 0633000 0630000 0630000 0700000 0810000 0810000 0810020 0810020 0810050 0810050 0810050 0810050	Others (2) (b) leaves and herbs Strawberry Rooibos Mate/maté Others (2) (c) roots Valerian Ginsenq Others (2) (d) any other parts of the plant Cocoa beans Carobs/Saint John's breads HOPS SPICES Seed spices Anise/anised Black caraway/black cumin Celery Coriander Cumin Dill Fennel Fennel Fenner	
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[AnnexIIIA]
Pesticide residues and maximum residue levels (mg/kg)

	Pesticide residues and maximum residue levels (mg/kg)	
Code number	Groups and examples of individual products to which the MRLs apply (a)	Chlorate (A)
0850990	Others (2)	U
		0.07
0860000	Flower pistil spices	0.07
0860010	Saffron	
0860990	Others (2)	0.07
0870000 0870010	Aril spices Mace	0.07
0870990 0900000	Others (2) SUGAR PLANTS	0.05
0900010	Sugar beet roots	0.03
0900020	Sugar canes	
0900020	Chicory roots	
0900990	Others (2)	
1000000	PRODUCTS OF ANIMAL ORIGIN -TERRESTRIAL ANIMALS	
1010000	Commodities from	
1011000	(a) swine	
1011010	Muscle	0.05
1011010	Fat	0.03
1011030	Liver	0.05
1011040	Kidney	0.05
1011050	Edible offals (other than liver and kidney)	0.05
1011990	Others (2)	0.05
1012000	(b) bovine	
1012010	Muscle	0.05
1012020	Fat	0.1*
1012030	Liver	0.05
1012040	Kidney	0.05
1012050	Edible offals (other than liver and kidney)	0.05
1012990	Others (2)	0.05
1013000	(c) sheep	
1013010	Muscle	0.05
1013020	Fat	0.1*
1013030	Liver	0.05
1013040	Kidney	0.05
1013050	Edible offals (other than liver and kidney)	0.05
1013990	Others (2)	0.05
1014000	d) goat	0.05
1014010	Muscle	
1014020	Fat	0.1*
1014030 1014040	Liver	0.05 0.05
1014040	Kidney	0.05
1014030	Edible offals (other than liver and kidney) Others (2)	0.05
1015000	(e) equine	0.03
1015010	Muscle	0.05
1015020	Fat	0.1*
1015030	Liver	0.05
1015040	Kidney	0.05
1015050	Edible offals (other than liver and kidney)	0.05
1015990	Others (2)	0.05
1016000	(f) poultry	
1016010	Muscle	0.05
1016020	Fat	0.1*
1016030	Liver	0.05
1016040	Kidney	0.05
1016050	Edible offals (other than liver and kidney)	0.05
1016990	Others (2)	0.05
1017000	(g) other farmed terrestrial animals	0.05
1017010	Muscle	0.05
1017020 1017030	Fat	0.1* 0.05
1017030	Liver Kidney	0.05
1017040	Edible offals (other than liver and kidney)	0.05
1017050	Others (2)	0.05
1020000	Milk	0.1
1020010	Cattle	(+)
1020020	Sheep	(+)
1020030	Goat	(+)
1020040	Horse	(+)
1020990	Others (2)	
1030000	Birds eggs	0.05
1030010	Chicken	
1030020	Duck	
1030030	Geese	
1030040	Quail	
1030990	Others (2)	0.05+
1040000	Honey and other apiculture products (7)	0.05*
1050000	Amphibians and Reptiles Terroctrial invertebrate animals	0.05
1060000	Terrestrial invertebrate animals Wild terrestrial vertebrate animals	0.05
1070000	Wild terrestrial vertebrate animals	0.05
1100000	PRODUCTS OF ANIMAL ORIGIN - FISH, FISHPRODUCTS AND ANY OTHER MARINE AND FRESHWATER FOOD PRODUCTS (8)	
1200000	PRODUCTS OR PART OF PRODUCTS EXCLUSIVELY USED FOR ANIMAL FEED PRODUCTION (8)	
1300000	PROCESSED FOOD PRODUCTS (9)	l

^(*) Limit of analytical determination
(a) For the complete list of products of plant and animal origin to which MRLs apply, reference should be made to Annex I.

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SANTE/10684/2015
[AnnexIIIA]

ues and maximum residue levels (mg/kg)

	r esticide residues and maximum residue levels (mg/kg)	
Code number	Groups and examples of individual products to which the MRLs apply (a)	Chlorate (A)

(A) To take into account the specific situation of chlorate residues, in processed food (including for the purpose of this Regulation foodstuffs that have been derived using processes listed in Article 2(1)(n) of Regulation (EC) No 852/2004), that has come in contact with products containing chlorate residues, or that contains ingredients with such residues, such as processing aids or drinking water, used in compliance with the respective legal requirements, these additional contributions of chlorate residues should be taken into account when determining the permitted content of chlorate residues in or on the processed food products in accordance with Article 20 (1) of this Regulation. The burden of proof regarding the level of those additional contributions lies with the food and feed business operator.

(+) Includes raw milk, heat-treated milk and milk for the manufacture of milk-based products as defined in Regulation (EU) No 1308/2013. The MRL applies to milk ready for use (marketed as such or reconstituted as instructed by the manufacturer).

1020010 Cattle

(+) Includes raw milk, heat-treated milk and milk for the manufacture of milk-based products. The MRL applies to milk ready for use (marketed as such or reconstituted as instructed by the manufacturer)

1020020 Sheep

1020030 Goat

1020040 Horse

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