

**Sayı:** 70430465-TİM.OAİB.GSK.İDARİ.2020/670-6970  
**Konu:** Klorat Etken Maddesi Maksimum Kalıntı Düzeyi

Ankara, 15/06/2020

### SİRKÜLER (G-2020)

Sayın Üyemiz,

T.C. Ticaret Bakanlığı İhracat Genel Müdürlüğü'nden alınan bir yazıda, Ülkemizden Avrupa Birliği (AB)'ne tarımsal ürünler ihracatı kapsamında Bakanlığımız Uluslararası Anlaşmalar ve Avrupa Birliği Genel Müdürlüğünden alınan yazıda; 8 Haziran 2020 tarihli ve L 178 sayılı AB Resmi Gazetesi'nde yayımlanan ve bir örneği ekte iletilen 2020/749/AB sayılı Komisyon Tüzüğü kapsamında 396/2005/AT sayılı Tüzüğün Ek III'ünde yer alan bazı ürünlerdeki veya bunların üzerindeki "klorat" etken maddesi için maksimum kalıntı düzeyleri ile ilgili değişiklik yapıldığı ifade edilmektedir.

Söz konusu Tüzükte özetle;

- Bitki koruma ürünlerinin pazara sürülmesine ilişkin 91/414/AET sayılı Konsey Direktifinin I sayılı Ekine kloratın dahil edilmemesi kararının ardından 2008/865/AT sayılı Komisyon Kararı ile klorat içeren bitki koruma ürünleri için tüm yetkilerin iptal edildiği,

- Klorat için belirli bir maksimum kalıntı seviyesi (maximum residue limit-MRL) belirlenmemesi sebebiyle halihazırda 396/2005/AT sayılı Tüzüğün Ek I'inde yer alan tüm gıa ve yemler için 0,01 mg/kg varsayılan (default) MRL'in geçerli olduğu,

- Kloratın, bitki koruma ürünlerinde eski kullanımının yanı sıra gıda ve içme suyu işlemede klor dezenfektanlarının kullanılmasından kaynaklanan yan ürün olduğu ve bu tür kullanımlar neticesinde gıdalarda tespit edilebilir klorat kalıntılarının mevcut olabileceği,

- Avrupa Gıda Güvenliği Otoritesi'nin (European Food Safety Authority-EFSA) 2014-2018 yılları arasında gıda ve içme suyunda klorat kalıntılarının varlığını araştırmak için veri topladığı, bu veriler çerçevesinde, klorat kalıntılarının sık sık 0,01 mg/kg'lık varsayılan MRL'yi aşan seviyelerde mevcut olduğunun, seviyelerin kaynağa ve ürüne bağlı olarak değiştiğinin tespit edildiği; bu bulgulardan, doğru uygulama yapılsa bile, şu anda 0,01 mg/kg'lık mevcut MRL'ye uygun klorat kalıntısı seviyelerine ulaşmanın mümkün olmadığı,

- Birçok ilgili ve ilişkili sektörde klorat seviyelerini düşürmek ve koordine eylem yoluyla maruziyeti azaltmak için 2017 yılında üye devletler tarafından içme suyu, hijyen ve gıda ile yem için geçici maksimum kalıntı seviyelerinin ayarlanmasını da içeren ve paralel alınması gereken bir dizi eylemden oluşan çok disiplinli eylem planı üzerinde anlaşmaya varıldığı,

- Bu çerçevede, anılan Tüzüğün gıdalarda geçici maksimum seviyeleri belirlemeyi amaçladığı, söz konusu seviyelerin iyi üretim uygulamalarını takip ederek ulaşılabilir en düşük kalıntı oranı (as low as reasonably achievable-ALARA) seviyelerinde belirlenmesi gerektiği,

- Geçici MRL seviyelerinin hijyen, içme suyu, gıda sektörü işletmecilerinin klorat seviyelerini düşürmek için kaydedecekleri muhtemel ilerlemeler ışığında bu Tüzüğün

Ayrıntılı bilgi için: Kubilay Yapıcıoğlu - İdari Memur

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**ORTA ANADOLU  
İHRACATÇI BİRLİKLERİ  
GENEL SEKRETERLİĞİ**

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yayımlanmasından itibaren en geç beş yıl içinde veya gözden geçirmeyi gerekli kılacak bir bilgi ve verinin ortaya çıkması durumunda daha erken gözden geçirileceği

ifade edilmektedir.

Ayrıca, bahse konu Tüzükte yer alan klorat için geçici MRL'ler'in 8 Haziran 2025 tarihinden önce gözden geçirileceği, söz konusu Tüzüğün 28 Haziran 2020 tarihinde yürürlüğe gireceği belirtilmektedir.

Bilgilerine sunulur.

S. Tansel KÜNBİ  
Genel Sekreter A.  
Şube Müdürü

**Ek:** 2020/749/AB Sayılı Komisyon Tüzüğü



**COMMISSION REGULATION (EU) 2020/749****of 4 June 2020****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/EEC <sup>(1)</sup>, and in particular Article 14(1)(a) and Article 16(1)(a) thereof,

Whereas:

- (1) According to Commission Decision 2008/865/EC <sup>(2)</sup> 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/EEC <sup>(3)</sup>.
- (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 <sup>(4)</sup>. In that opinion the Authority established a tolerable daily intake (TDI) of 3 µg/kg body weight per day and an acute reference dose (ARfD) of 36 µg/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.

<sup>(1)</sup> OJ L 70, 16.3.2005, p. 1.<sup>(2)</sup> 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).<sup>(3)</sup> Council Directive 91/414/EEC of 15 July 1991 concerning the placing of plant protection products on the market (OJ L 230, 19.8.1991, p. 1).<sup>(4)</sup> 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.

- (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 commodities.
- (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 8 June 2025.

#### *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, 4 June 2020.

*For the Commission*

*The President*

Ursula VON DER LEYEN

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## ANNEX

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

**'Pesticide residues and maximum residue levels (mg/kg)**

| Code number | Groups and examples of individual products to which the MRLs apply (a) | Chlorate (A) |
|-------------|------------------------------------------------------------------------|--------------|
| (1)         | (2)                                                                    | (3)          |
| 0100000     | <b>FRUITS, FRESH or FROZEN; TREE NUTS</b>                              |              |
| 0110000     | <b>Citrus fruits</b>                                                   | <b>0,05</b>  |
| 0110010     | Grapefruits                                                            |              |
| 0110020     | Oranges                                                                |              |
| 0110030     | Lemons                                                                 |              |
| 0110040     | Limes                                                                  |              |
| 0110050     | Mandarins                                                              |              |
| 0110990     | Others (2)                                                             |              |
| 0120000     | <b>Tree nuts</b>                                                       | <b>0,1</b>   |
| 0120010     | Almonds                                                                |              |
| 0120020     | Brazil nuts                                                            |              |
| 0120030     | Cashew nuts                                                            |              |
| 0120040     | Chestnuts                                                              |              |
| 0120050     | Coconuts                                                               |              |
| 0120060     | Hazelnuts/cobnuts                                                      |              |
| 0120070     | Macadamias                                                             |              |
| 0120080     | Pecans                                                                 |              |
| 0120090     | Pine nut kernels                                                       |              |
| 0120100     | Pistachios                                                             |              |
| 0120110     | Walnuts                                                                |              |
| 0120990     | Others (2)                                                             |              |
| 0130000     | <b>Pome fruits</b>                                                     | <b>0,05</b>  |
| 0130010     | Apples                                                                 |              |
| 0130020     | Pears                                                                  |              |
| 0130030     | Quinces                                                                |              |
| 0130040     | Medlars                                                                |              |
| 0130050     | Loquats/Japanese medlars                                               |              |
| 0130990     | Others (2)                                                             |              |

| (1)     | (2)                                       | (3)         |
|---------|-------------------------------------------|-------------|
| 0140000 | <b>Stone fruits</b>                       | <b>0,05</b> |
| 0140010 | Apricots                                  |             |
| 0140020 | Cherries (sweet)                          |             |
| 0140030 | Peaches                                   |             |
| 0140040 | Plums                                     |             |
| 0140990 | Others (2)                                |             |
| 0150000 | <b>Berries and small fruits</b>           | <b>0,05</b> |
| 0151000 | (a) <b>grapes</b>                         |             |
| 0151010 | Table grapes                              |             |
| 0151020 | Wine grapes                               |             |
| 0152000 | (b) <b>strawberries</b>                   |             |
| 0153000 | (c) <b>cane fruits</b>                    |             |
| 0153010 | Blackberries                              |             |
| 0153020 | Dewberries                                |             |
| 0153030 | Raspberries (red and yellow)              |             |
| 0153990 | Others (2)                                |             |
| 0154000 | (d) <b>other small fruits and berries</b> |             |
| 0154010 | Blueberries                               |             |
| 0154020 | Cranberries                               |             |
| 0154030 | 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)                                |             |
| 0160000 | <b>Miscellaneous fruitswith</b>           |             |
| 0161000 | (a) <b>edible peel</b>                    |             |
| 0161010 | Dates                                     | <b>0,3</b>  |
| 0161020 | Figs                                      | <b>0,3</b>  |
| 0161030 | Table olives                              | <b>0,7</b>  |
| 0161040 | Kumquats                                  | <b>0,3</b>  |
| 0161050 | Carambolas                                | <b>0,3</b>  |
| 0161060 | Kaki/Japanese persimmons                  | <b>0,3</b>  |
| 0161070 | Jambuls/jambolans                         | <b>0,3</b>  |
| 0161990 | Others (2)                                | <b>0,3</b>  |

| (1)     | (2)                                                           | (3)         |
|---------|---------------------------------------------------------------|-------------|
| 0162000 | (b) <b>inedible peel, small</b>                               | <b>0,3</b>  |
| 0162010 | Kiwi fruits (green, red, yellow)                              |             |
| 0162020 | Litchis/lychees                                               |             |
| 0162030 | Passionfruits/maracujas                                       |             |
| 0162040 | Prickly pears/cactus fruits                                   |             |
| 0162050 | Star apples/cainitos                                          |             |
| 0162060 | American persimmons/Virginia kaki                             |             |
| 0162990 | Others (2)                                                    |             |
| 0163000 | (c) <b>inedible peel, large</b>                               | <b>0,3</b>  |
| 0163010 | Avocados                                                      |             |
| 0163020 | Bananas                                                       |             |
| 0163030 | Mangoes                                                       |             |
| 0163040 | Papayas                                                       |             |
| 0163050 | Granate apples/pomegranates                                   |             |
| 0163060 | Cherimoyas                                                    |             |
| 0163070 | Guavas                                                        |             |
| 0163080 | Pineapples                                                    |             |
| 0163090 | Breadfruits                                                   |             |
| 0163100 | Durians                                                       |             |
| 0163110 | Soursops/guanabanas                                           |             |
| 0163990 | Others (2)                                                    |             |
| 0200000 | <b>VEGETABLES, FRESH or FROZEN</b>                            |             |
| 0210000 | <b>Root and tuber vegetables</b>                              |             |
| 0211000 | (a) <b>potatoes</b>                                           | <b>0,05</b> |
| 0212000 | (b) <b>tropical root and tuber vegetables</b>                 | <b>0,05</b> |
| 0212010 | Cassava roots/manioc                                          |             |
| 0212020 | Sweet potatoes                                                |             |
| 0212030 | Yams                                                          |             |
| 0212040 | Arrowroots                                                    |             |
| 0212990 | Others (2)                                                    |             |
| 0213000 | (c) <b>other root and tuber vegetables except sugar beets</b> | <b>0,15</b> |
| 0213010 | Beetroots                                                     |             |
| 0213020 | Carrots                                                       |             |
| 0213030 | Celeriacs/turnip rooted celeries                              |             |
| 0213040 | Horseradishes                                                 |             |

| (1)     | (2)                                                                               | (3)  |
|---------|-----------------------------------------------------------------------------------|------|
| 0213050 | Jerusalem artichokes                                                              |      |
| 0213060 | Parsnips                                                                          |      |
| 0213070 | Parsley roots/Hamburg roots parsley                                               |      |
| 0213080 | Radishes                                                                          |      |
| 0213090 | Salsifies                                                                         |      |
| 0213100 | Swedes/rutabagas                                                                  |      |
| 0213110 | Turnips                                                                           |      |
| 0213990 | Others (2)                                                                        |      |
| 0220000 | <b>Bulb vegetables</b>                                                            |      |
| 0220010 | Garlic                                                                            | 0,7  |
| 0220020 | Onions                                                                            | 0,5  |
| 0220030 | Shallots                                                                          | 0,5  |
| 0220040 | Spring onions/green onions and Welsh onions                                       | 0,5  |
| 0220990 | Others (2)                                                                        | 0,05 |
| 0230000 | <b>Fruiting vegetables</b>                                                        |      |
| 0231000 | (a) <b>Solanaceae and Malvaceae</b>                                               |      |
| 0231010 | Tomatoes                                                                          | 0,1  |
| 0231020 | Sweet peppers/bell peppers                                                        | 0,3  |
| 0231030 | Aubergines/eggplants                                                              | 0,4  |
| 0231040 | Okra/lady's fingers                                                               | 0,1  |
| 0231990 | Others (2)                                                                        | 0,1  |
| 0232000 | (b) <b>cucurbits with edible peel</b>                                             | 0,2  |
| 0232010 | Cucumbers                                                                         |      |
| 0232020 | Gherkins                                                                          |      |
| 0232030 | Courgettes                                                                        |      |
| 0232990 | Others (2)                                                                        |      |
| 0233000 | (c) <b>cucurbits with inedible peel</b>                                           | 0,08 |
| 0233010 | Melons                                                                            |      |
| 0233020 | Pumpkins                                                                          |      |
| 0233030 | Watermelons                                                                       |      |
| 0233990 | Others (2)                                                                        |      |
| 0234000 | (d) <b>sweet corn</b>                                                             | 0,1  |
| 0239000 | (e) <b>other fruiting vegetables</b>                                              | 0,1  |
| 0240000 | <b>Brassica vegetables(excluding brassica roots and brassica baby leaf crops)</b> |      |
| 0241000 | (a) <b>flowering brassica</b>                                                     |      |
| 0241010 | Broccoli                                                                          | 0,4  |



| (1)     | (2)                                              | (3)         |
|---------|--------------------------------------------------|-------------|
| 0241020 | Cauliflowers                                     | <b>0,06</b> |
| 0241990 | Others (2)                                       | <b>0,06</b> |
| 0242000 | <b>(b) head brassica</b>                         | <b>0,07</b> |
| 0242010 | Brussels sprouts                                 |             |
| 0242020 | Head cabbages                                    |             |
| 0242990 | Others (2)                                       |             |
| 0243000 | <b>(c) leafy brassica</b>                        |             |
| 0243010 | Chinese cabbages/pe-tsai                         | <b>0,06</b> |
| 0243020 | Kales                                            | <b>0,2</b>  |
| 0243990 | Others (2)                                       | <b>0,06</b> |
| 0244000 | <b>(d) kohlrabies</b>                            | <b>0,06</b> |
| 0250000 | <b>Leaf vegetables, herbs and edible flowers</b> | <b>0,7</b>  |
| 0251000 | <b>(a) lettuces and salad plants</b>             |             |
| 0251010 | Lamb's lettuces/corn salads                      |             |
| 0251020 | Lettuces                                         |             |
| 0251030 | Escaroles/broad-leaved endives                   |             |
| 0251040 | Cresses and other sprouts and shoots             |             |
| 0251050 | Land cresses                                     |             |
| 0251060 | Roman rocket/rucola                              |             |
| 0251070 | Red mustards                                     |             |
| 0251080 | Baby leaf crops (including brassica species)     |             |
| 0251990 | Others (2)                                       |             |
| 0252000 | <b>(b) spinaches and similar leaves</b>          |             |
| 0252010 | Spinaches                                        |             |
| 0252020 | Purslanes                                        |             |
| 0252030 | Chards/beet leaves                               |             |
| 0252990 | Others (2)                                       |             |
| 0253000 | <b>(c) grape leaves and similar species</b>      |             |
| 0254000 | <b>(d) watercresses</b>                          |             |
| 0255000 | <b>(e) witloofs/Belgian endives</b>              |             |
| 0256000 | <b>(f) herbs and edible flowers</b>              |             |
| 0256010 | Chervil                                          |             |
| 0256020 | Chives                                           |             |
| 0256030 | Celery leaves                                    |             |
| 0256040 | Parsley                                          |             |

| (1)     | (2)                                    | (3)         |
|---------|----------------------------------------|-------------|
| 0256050 | Sage                                   |             |
| 0256060 | Rosemary                               |             |
| 0256070 | Thyme                                  |             |
| 0256080 | Basil and edible flowers               |             |
| 0256090 | Laurel/bay leaves                      |             |
| 0256100 | Tarragon                               |             |
| 0256990 | Others (2)                             |             |
| 0260000 | <b>Legume vegetables</b>               | <b>0,35</b> |
| 0260010 | Beans (with pods)                      |             |
| 0260020 | Beans (without pods)                   |             |
| 0260030 | Peas (with pods)                       |             |
| 0260040 | Peas (without pods)                    |             |
| 0260050 | Lentils                                |             |
| 0260990 | Others (2)                             |             |
| 0270000 | <b>Stem vegetables</b>                 | <b>0,25</b> |
| 0270010 | Asparagus                              |             |
| 0270020 | Cardoons                               |             |
| 0270030 | Celeries                               |             |
| 0270040 | Florence fennels                       |             |
| 0270050 | Globe artichokes                       |             |
| 0270060 | Leeks                                  |             |
| 0270070 | Rhubarbs                               |             |
| 0270080 | Bamboo shoots                          |             |
| 0270090 | Palm hearts                            |             |
| 0270990 | Others (2)                             |             |
| 0280000 | <b>Fungi, mosses and lichens</b>       |             |
| 0280010 | Cultivated fungi                       | <b>0,7</b>  |
| 0280020 | Wild fungi                             | <b>0,7</b>  |
| 0280990 | Mosses and lichens                     | <b>0,05</b> |
| 0290000 | <b>Algae and prokaryotes organisms</b> | <b>0,05</b> |
| 0300000 | <b>PULSES</b>                          | <b>0,35</b> |
| 0300010 | Beans                                  |             |
| 0300020 | Lentils                                |             |
| 0300030 | Peas                                   |             |
| 0300040 | Lupins/lupini beans                    |             |
| 0300990 | Others (2)                             |             |

| (1)     | (2)                               | (3)         |
|---------|-----------------------------------|-------------|
| 0400000 | <b>OILSEEDS AND OIL FRUITS</b>    |             |
| 0401000 | <b>Oilseeds</b>                   | <b>0,05</b> |
| 0401010 | Linseeds                          |             |
| 0401020 | Peanuts/groundnuts                |             |
| 0401030 | Poppy seeds                       |             |
| 0401040 | Sesame seeds                      |             |
| 0401050 | Sunflower seeds                   |             |
| 0401060 | Rapeseeds/canola seeds            |             |
| 0401070 | Soyabeans                         |             |
| 0401080 | Mustard seeds                     |             |
| 0401090 | Cotton seeds                      |             |
| 0401100 | Pumpkin seeds                     |             |
| 0401110 | Safflower seeds                   |             |
| 0401120 | Borage seeds                      |             |
| 0401130 | Gold of pleasure seeds            |             |
| 0401140 | Hemp seeds                        |             |
| 0401150 | Castor beans                      |             |
| 0401990 | Others (2)                        |             |
| 0402000 | <b>Oil fruits</b>                 | <b>0,7</b>  |
| 0402010 | Olives for oil production         |             |
| 0402020 | Oil palms kernels                 |             |
| 0402030 | Oil palms fruits                  |             |
| 0402040 | Kapok                             |             |
| 0402990 | Others (2)                        |             |
| 0500000 | <b>CEREALS</b>                    | <b>0,05</b> |
| 0500010 | Barley                            |             |
| 0500020 | Buckwheat and other pseudocereals |             |
| 0500030 | Maize/corn                        |             |
| 0500040 | Common millet/proso millet        |             |
| 0500050 | Oat                               |             |
| 0500060 | Rice                              |             |
| 0500070 | Rye                               |             |
| 0500080 | Sorghum                           |             |
| 0500090 | Wheat                             |             |
| 0500990 | Others (2)                        |             |

| (1)     | (2)                                                     | (3)         |
|---------|---------------------------------------------------------|-------------|
| 0600000 | <b>TEAS, COFFEE, HERBAL INFUSIONS, COCOA AND CAROBS</b> | <b>0,05</b> |
| 0610000 | <b>Teas</b>                                             |             |
| 0620000 | <b>Coffee beans</b>                                     |             |
| 0630000 | <b>Herbal infusions from</b>                            |             |
| 0631000 | (a) <b>flowers</b>                                      |             |
| 0631010 | Chamomile                                               |             |
| 0631020 | Hibiscus/roselle                                        |             |
| 0631030 | Rose                                                    |             |
| 0631040 | Jasmine                                                 |             |
| 0631050 | Lime/linden                                             |             |
| 0631990 | Others (2)                                              |             |
| 0632000 | (b) <b>leaves and herbs</b>                             |             |
| 0632010 | Strawberry                                              |             |
| 0632020 | Rooibos                                                 |             |
| 0632030 | Mate/maté                                               |             |
| 0632990 | Others (2)                                              |             |
| 0633000 | (c) <b>roots</b>                                        |             |
| 0633010 | Valerian                                                |             |
| 0633020 | Ginseng                                                 |             |
| 0633990 | Others (2)                                              |             |
| 0639000 | (d) <b>any other parts of the plant</b>                 |             |
| 0640000 | <b>Cocoa beans</b>                                      |             |
| 0650000 | <b>Carobs/Saint John's breads</b>                       |             |
| 0700000 | <b>HOPS</b>                                             | <b>0,05</b> |
| 0800000 | <b>SPICES</b>                                           |             |
| 0810000 | <b>Seed spices</b>                                      | <b>0,07</b> |
| 0810010 | Anise/aniseed                                           |             |
| 0810020 | Black caraway/black cumin                               |             |
| 0810030 | Celery                                                  |             |
| 0810040 | Coriander                                               |             |
| 0810050 | Cumin                                                   |             |
| 0810060 | Dill                                                    |             |
| 0810070 | Fennel                                                  |             |
| 0810080 | Fenugreek                                               |             |
| 0810090 | Nutmeg                                                  |             |
| 0810990 | Others (2)                                              |             |

| (1)     | (2)                                 | (3)         |
|---------|-------------------------------------|-------------|
| 0820000 | <b>Fruit spices</b>                 | <b>0,07</b> |
| 0820010 | Allspice/pimento                    |             |
| 0820020 | Sichuan pepper                      |             |
| 0820030 | Caraway                             |             |
| 0820040 | Cardamom                            |             |
| 0820050 | Juniper berry                       |             |
| 0820060 | Peppercorn (black, green and white) |             |
| 0820070 | Vanilla                             |             |
| 0820080 | Tamarind                            |             |
| 0820990 | Others (2)                          |             |
| 0830000 | <b>Bark spices</b>                  | <b>0,07</b> |
| 0830010 | Cinnamon                            |             |
| 0830990 | Others (2)                          |             |
| 0840000 | <b>Root and rhizome spices</b>      |             |
| 0840010 | Liquorice                           | <b>0,07</b> |
| 0840020 | Ginger (10)                         |             |
| 0840030 | Turmeric/curcuma                    | <b>0,07</b> |
| 0840040 | Horseradish (11)                    |             |
| 0840990 | Others (2)                          | <b>0,07</b> |
| 0850000 | <b>Bud spices</b>                   | <b>0,07</b> |
| 0850010 | Cloves                              |             |
| 0850020 | Capers                              |             |
| 0850990 | Others (2)                          |             |
| 0860000 | <b>Flower pistil spices</b>         | <b>0,07</b> |
| 0860010 | Saffron                             |             |
| 0860990 | Others (2)                          |             |
| 0870000 | <b>Aril spices</b>                  | <b>0,07</b> |
| 0870010 | Mace                                |             |
| 0870990 | Others (2)                          |             |
| 0900000 | <b>SUGAR PLANTS</b>                 | <b>0,05</b> |
| 0900010 | Sugar beet roots                    |             |
| 0900020 | Sugar canes                         |             |
| 0900030 | Chicory roots                       |             |
| 0900990 | Others (2)                          |             |

| (1)     | (2)                                                    | (3)           |
|---------|--------------------------------------------------------|---------------|
| 1000000 | <b>PRODUCTS OF ANIMAL ORIGIN - TERRESTRIAL ANIMALS</b> |               |
| 1010000 | <b>Commodities from</b>                                |               |
| 1011000 | (a) <b>swine</b>                                       |               |
| 1011010 | Muscle                                                 | <b>0,05</b>   |
| 1011020 | Fat                                                    | <b>0,1(*)</b> |
| 1011030 | Liver                                                  | <b>0,05</b>   |
| 1011040 | Kidney                                                 | <b>0,05</b>   |
| 1011050 | Edible offals (other than liver and kidney)            | <b>0,05</b>   |
| 1011990 | Others (2)                                             | <b>0,05</b>   |
| 1012000 | (b) <b>bovine</b>                                      |               |
| 1012010 | Muscle                                                 | <b>0,05</b>   |
| 1012020 | Fat                                                    | <b>0,1(*)</b> |
| 1012030 | Liver                                                  | <b>0,05</b>   |
| 1012040 | Kidney                                                 | <b>0,05</b>   |
| 1012050 | Edible offals (other than liver and kidney)            | <b>0,05</b>   |
| 1012990 | Others (2)                                             | <b>0,05</b>   |
| 1013000 | (c) <b>sheep</b>                                       |               |
| 1013010 | Muscle                                                 | <b>0,05</b>   |
| 1013020 | Fat                                                    | <b>0,1(*)</b> |
| 1013030 | Liver                                                  | <b>0,05</b>   |
| 1013040 | Kidney                                                 | <b>0,05</b>   |
| 1013050 | Edible offals (other than liver and kidney)            | <b>0,05</b>   |
| 1013990 | Others (2)                                             | <b>0,05</b>   |
| 1014000 | d) <b>goat</b>                                         |               |
| 1014010 | Muscle                                                 | <b>0,05</b>   |
| 1014020 | Fat                                                    | <b>0,1(*)</b> |
| 1014030 | Liver                                                  | <b>0,05</b>   |
| 1014040 | Kidney                                                 | <b>0,05</b>   |
| 1014050 | Edible offals (other than liver and kidney)            | <b>0,05</b>   |
| 1014990 | Others (2)                                             | <b>0,05</b>   |
| 1015000 | (e) <b>equine</b>                                      |               |
| 1015010 | Muscle                                                 | <b>0,05</b>   |
| 1015020 | Fat                                                    | <b>0,1(*)</b> |
| 1015030 | Liver                                                  | <b>0,05</b>   |
| 1015040 | Kidney                                                 | <b>0,05</b>   |

| (1)     | (2)                                                                                                         | (3)            |
|---------|-------------------------------------------------------------------------------------------------------------|----------------|
| 1015050 | Edible offals (other than liver and kidney)                                                                 | <b>0,05</b>    |
| 1015990 | Others (2)                                                                                                  | <b>0,05</b>    |
| 1016000 | <b>(f) poultry</b>                                                                                          |                |
| 1016010 | Muscle                                                                                                      | <b>0,05</b>    |
| 1016020 | Fat                                                                                                         | <b>0,1(*)</b>  |
| 1016030 | Liver                                                                                                       | <b>0,05</b>    |
| 1016040 | Kidney                                                                                                      | <b>0,05</b>    |
| 1016050 | Edible offals (other than liver and kidney)                                                                 | <b>0,05</b>    |
| 1016990 | Others (2)                                                                                                  | <b>0,05</b>    |
| 1017000 | <b>(g) other farmed terrestrial animals</b>                                                                 |                |
| 1017010 | Muscle                                                                                                      | <b>0,05</b>    |
| 1017020 | Fat                                                                                                         | <b>0,1(*)</b>  |
| 1017030 | Liver                                                                                                       | <b>0,05</b>    |
| 1017040 | Kidney                                                                                                      | <b>0,05</b>    |
| 1017050 | Edible offals (other than liver and kidney)                                                                 | <b>0,05</b>    |
| 1017990 | Others (2)                                                                                                  | <b>0,05</b>    |
| 1020000 | <b>Milk</b>                                                                                                 | <b>0,1</b>     |
| 1020010 | Cattle                                                                                                      | (+)            |
| 1020020 | Sheep                                                                                                       | (+)            |
| 1020030 | Goat                                                                                                        | (+)            |
| 1020040 | Horse                                                                                                       | (+)            |
| 1020990 | Others (2)                                                                                                  |                |
| 1030000 | <b>Birds eggs</b>                                                                                           | <b>0,05</b>    |
| 1030010 | Chicken                                                                                                     |                |
| 1030020 | Duck                                                                                                        |                |
| 1030030 | Geese                                                                                                       |                |
| 1030040 | Quail                                                                                                       |                |
| 1030990 | Others (2)                                                                                                  |                |
| 1040000 | <b>Honey and other apiculture products (7)</b>                                                              | <b>0,05(*)</b> |
| 1050000 | <b>Amphibians and Reptiles</b>                                                                              | <b>0,05</b>    |
| 1060000 | <b>Terrestrial invertebrate animals</b>                                                                     | <b>0,05</b>    |
| 1070000 | <b>Wild terrestrial vertebrate animals</b>                                                                  | <b>0,05</b>    |
| 1100000 | <b>PRODUCTS OF ANIMAL ORIGIN - FISH, FISHPRODUCTS AND ANY OTHER MARINE AND FRESHWATER FOOD PRODUCTS (8)</b> |                |

| (1)     | (2)                                                                                 | (3) |
|---------|-------------------------------------------------------------------------------------|-----|
| 1200000 | <b>PRODUCTS OR PART OF PRODUCTS EXCLUSIVELY USED FOR ANIMAL FEED PRODUCTION (8)</b> |     |
| 1300000 | <b>PROCESSED FOOD PRODUCTS (9)</b>                                                  |     |

(\*) 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.

#### **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'**