

Trader Notice No. 4/2017

20th June 2017

Commission Implementing Regulation (EU) 2015/861 concerning the authorisation of potassium iodide, calcium iodate anhydrous and coated granulated calcium iodate anhydrous as feed additives for all animal species

RE: Recommended maximum content of total iodine in complete feed for ruminants for milk production

To: Manufacturers of Compound Feed for Sale
Manufacturers of Premixtures
Manufacturers of Mineral Mixtures
Manufacturers of Nutritional Supplements
Irish Grain and Feed Association

Dear Feed Business Operator,

Milk containing high levels of iodine is unsuitable for use in certain high value-added markets important to the Irish dairy industry, such as infant formula. On 20 January 2017, Teagasc issued a letter and advice concerning excessive iodine supplementation in concentrate feed for dairy cows. In their letter, Teagasc states that the current level of supplementation in compound feed for dairy cows greatly exceeds the cow's requirement, as well as the existing Teagasc recommended levels.

In light of this correspondence and in response to a request for clarification from Industry, Regulation (EC) 2015/861 (copy enclosed) states that the maximum content of iodine in complete feed for ruminants for milk production is 5 mg/kg. However, under the 'other provisions' column of the Annex to the Regulation it is stated that:

'The recommended maximum content of total iodine in complete feed for:

- Ruminants for milk production is 2 mg/kg...'

If you require any further information please email paul.kiernan@agriculture.gov.ie.

Yours sincerely,



Niamh O'Reilly
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Dept of Agriculture, Food & the Marine
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II

(Non-legislative acts)

REGULATIONS

COMMISSION IMPLEMENTING REGULATION (EU) 2015/861

of 3 June 2015

concerning the authorisation of potassium iodide, calcium iodate anhydrous and coated granulated calcium iodate anhydrous as feed additives for all animal species

(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 1831/2003 of the European Parliament and of the Council of 22 September 2003 on additives for use in animal nutrition ⁽¹⁾, and in particular Article 9(2) thereof,

Whereas:

- (1) Regulation (EC) No 1831/2003 provides for the authorisation of additives for use in animal nutrition and for the grounds and procedures for granting such authorisation. Article 10 of that Regulation provides for the re-evaluation of additives authorised pursuant to Council Directive 70/524/EEC ⁽²⁾.
- (2) Potassium iodide and calcium iodate anhydrous were authorised without a time limit by Directive 70/524/EEC as amended by Commission Regulation (EC) No 1459/2005 ⁽³⁾. These products were subsequently entered in the Register of feed additives as existing products, in accordance with Article 10(1) of Regulation (EC) No 1831/2003.
- (3) In accordance with Article 10(2) of Regulation (EC) No 1831/2003 in conjunction with Article 7 thereof, applications were submitted for the re-evaluation of potassium iodide and calcium iodate anhydrous as feed additives for all animal species. Additionally, an application based on Article 10(2) was submitted for the re-evaluation of calcium iodate anhydrous in a film granulated form for all animal species. For the three compounds of iodine, the applicants requested that the additives be classified in the additive category 'nutritional additives'. The applications were accompanied by the particulars and documents required under Article 7(3) of Regulation (EC) No 1831/2003.
- (4) The European Food Safety Authority ('the Authority') concluded in its opinions published on 19 May 2014 ⁽⁴⁾ ⁽⁵⁾ ⁽⁶⁾ ⁽⁷⁾ that, under the proposed conditions of use, potassium iodide, calcium iodate anhydrous and coated granulated calcium iodate anhydrous do not have an adverse effect on animal health, consumer health or the environment.

⁽¹⁾ OJ L 268, 18.10.2003, p. 29.

⁽²⁾ Council Directive 70/524/EEC of 23 November 1970 concerning additives in feedingstuffs (OJ L 270, 14.12.1970, p. 1).

⁽³⁾ Commission Regulation (EC) No 1459/2005 of 8 September 2005 amending the conditions for authorisation of a number of feed additives belonging to the group of trace elements (OJ L 233, 9.9.2005, p. 8).

⁽⁴⁾ EFSA Journal 2013; 11(2):3099.

⁽⁵⁾ EFSA Journal 2013; 11(2):3100.

⁽⁶⁾ EFSA Journal 2013; 11(2):3101.

⁽⁷⁾ EFSA Journal 2013; 11(3):3178.

- (5) The Authority further concluded that potassium iodide, calcium iodate anhydrous and coated granulated calcium iodate anhydrous are effective sources of iodine in the respective target species and that no safety concerns would arise for users provided that appropriate protective measures are taken. The Authority does not consider that there is a need for specific requirements of post-market monitoring. It also verified the report on the method of analysis of the feed additives in feed submitted by the Reference Laboratory set up by Regulation (EC) No 1831/2003.
- (6) The assessment of potassium iodide, calcium iodate anhydrous and coated granulated calcium iodate anhydrous shows that the conditions for authorisation, as provided for in Article 5 of Regulation (EC) No 1831/2003, are satisfied. Accordingly, the use of these substances and preparations should be authorised as specified in the Annex to this Regulation.
- (7) Since safety reasons do not require the immediate application of the modifications to the conditions of authorisation for potassium iodide and calcium iodate anhydrous, it is appropriate to allow a transitional period for interested parties to prepare themselves to meet the new requirements resulting from the authorisation.
- (8) 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

Authorisation

The substances and preparations specified in the Annex, belonging to the additive category 'nutritional additives' and to the functional group 'compounds of trace elements', are authorised as additives in animal nutrition, subject to the conditions laid down in that Annex.

Article 2

Amendment to Regulation (EC) No 1459/2005

In the Annex to Commission Regulation (EC) No 1459/2005, the entries 'Potassium iodide' and 'calcium iodate anhydrous', related to the element E 2 Iodine-I, are deleted.

Article 3

Transitional measures

1. Potassium iodide and calcium iodate anhydrous which were authorised by Directive 70/524/EEC and premixtures containing them, which are produced and labelled before 24 December 2015 in accordance with the rules applicable before 24 June 2015 may continue to be placed on the market and used until the existing stocks are exhausted.
2. Feed materials and compound feed containing the substances specified in paragraph 1 which are produced and labelled before 24 June 2016 in accordance with the rules applicable before 24 June 2015 may continue to be placed on the market and used until the existing stocks are exhausted. As regards feed intended for non-food producing animals, the time period for production and labelling referred to in the first sentence shall end 24 June 2017.

*Article 4***Entry into force**

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, 3 June 2015.

For the Commission
The President
Jean-Claude JUNCKER

ANNEX

Identification number of the additive	Name of the holder of authorisation	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
						Element (I) in mg/kg of complete feed with a moisture content of 12 %			

Category of nutritional additives. Functional group: compounds of trace elements

3b201	—	Potassium iodide	<p><i>Additive composition</i></p> <p>Potassium iodide and calcium stearate, as powder, with a minimum content of 69 % iodine</p> <p><i>Characterisation of the active substance</i></p> <p>Potassium iodide</p> <p>Chemical formula: KI</p> <p>CAS number: 7681-11-0</p> <p><i>Analytical methods (*)</i></p> <p>For the determination of Potassium iodide in the feed additive:</p> <p>— Titrimetry — Food Chemicals Codex monograph; or</p> <p>— Titrimetry — European Pharmacopoeia monograph (Eur.Ph. 6.01/2008:0186).</p> <p>For the quantification of total potassium in the feed additive:</p> <p>— Atomic Absorption Spectrometry, AAS (EN ISO 6869:2000); or</p> <p>— Inductively Coupled Plasma Atomic Emission Spectrometry, ICP-AES (EN 15510:2007).</p>	All species	—	—	<p>Equines: 4 (total)</p> <p>Ruminants for milk production and laying hens: 5 (total)</p> <p>Fish: 20 (total)</p> <p>Other species or categories of animals: 10 (total)</p>	<ol style="list-style-type: none"> The additive shall be incorporated into compound feed in form of a premixture. Potassium iodide may be placed on the market and used as an additive consisting of a preparation. Protective measures shall be taken according to national regulations implementing Union legislation on health and safety at work including Council Directives 89/391/EEC (*), 89/656/EEC (*), 92/85/EEC (*) and 98/24/EC (*). Appropriate protective gloves, respiratory and eye protection according to Council Directive 89/686/EEC (*) shall be worn during handling. In the directions for use of the additive and premixture indicate the storage and stability conditions. 	24 June 2025
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Identification number of the additive	Name of the holder of authorisation	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
						Element (I) in mg/kg of complete feed with a moisture content of 12 %			
			For the quantification of total iodine in pre-mixtures, feed materials and compound feed: — Inductively Coupled Plasma Mass Spectrometry, ICP-MS (EN 15111:2007).					5. The recommended maximum content of total iodine in complete feed for: — equines is 3 mg/kg, — dogs is 4 mg/kg, — cats is 5 mg/kg, — ruminants for milk production is 2 mg/kg and — laying hens 3 mg/kg.	
3b202	—	Calcium iodate anhydrous	<i>Additive composition</i> Calcium iodate anhydrous, as powder, with a minimum content of 63,5 % iodine <i>Characterisation of the active substances</i> Chemical formula: $\text{Ca}(\text{IO}_3)_2$ CAS number: 7789-80-2 <i>Analytical methods (%)</i> For the determination of Calcium iodate in the feed additive: — Titrimetry — Food Chemicals Codex monograph; or — Titrimetry — European Pharmacopoeia monograph (Eur.Ph. 6 01/2008:20504). For the quantification of total calcium in the feed additive: — Atomic Absorption Spectrometry, AAS (EN ISO 6869:2000); or	All species	—	—	Equines: 4 (total) Ruminants for milk production and laying hens: 5 (total) Fish: 20 (total) Other species or categories of animals: 10 (total)	1. The additive shall be incorporated into a compound feed in form of a premixture. 2. Calcium iodate anhydrous may be placed on the market and used as an additive consisting of a preparation. 3. Protective measures shall be taken according to national regulations implementing Union legislation on health and safety at work including Directives 89/391/EEC, 89/656/EEC, 92/85/EEC and 98/24/EC. Appropriate protective gloves, respiratory and eye protection according to Directive 89/686/EEC shall be worn during handling.	24 June 2025

Identification number of the additive	Name of the holder of authorisation	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
						Element (I) in mg/kg of complete feed with a moisture content of 12 %			
			<p>— Inductively Coupled Plasma Atomic Emission Spectrometry, ICP-AES (EN 15510:2007).</p> <p>For the quantification of total iodine in pre-mixtures, feed materials and compound feed:</p> <p>— inductively Coupled Plasma Mass Spectrometry, ICP-MS (EN 15111:2007).</p>					<p>4. The recommended maximum content of total iodine in complete feed for:</p> <ul style="list-style-type: none"> — equines is 3 mg/kg, — dogs is 4 mg/kg, — cats is 5 mg/kg, — ruminants for milk production is 2 mg/kg and — laying hens 3 mg/kg. 	
3b203	—	Coated granulated calcium iodate anhydrous	<p><i>Additive composition</i></p> <p>Coated granulated preparation of calcium iodate anhydrous with an iodine content of 1 — 10 %</p> <p>Coating agents and dispersants (choice of polyoxyethylene (20) sorbitan monolaurate (E432), glycerol polyethyleneglycol ricinoleate (E484), polyethyleneglycol 300, sorbitol (E420ii), and maltodextrin): < 5 %.</p> <p>Feed materials (calcium magnesium carbonate, calcium carbonate, corn cobs) as granulating agents.</p> <p>Particles < 50 µm: < 1,5 %</p> <p><i>Characterisation of the active substance</i></p> <p>Chemical formula: Ca(IO₃)₂</p> <p>CAS number: 7789-80-2</p>	All species	—	—	<p>Equines: 4 (total)</p> <p>Ruminants for milk production and laying hens: 5 (total)</p> <p>Fish: 20 (total)</p> <p>Other species or categories of animals: 10 (total)</p>	<p>1. For user safety: breathing protection, safety glasses and gloves shall be worn during handling.</p> <p>2. The recommended maximum content of total iodine in complete feed for:</p> <ul style="list-style-type: none"> — equines is 3 mg/kg, — dogs is 4 mg/kg, — cats is 5 mg/kg, — ruminants for milk production is 2 mg/kg and — laying hens 3 mg/kg. 	24 June 2025

Identification number of the additive	Name of the holder of authorisation	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
						Element (I) in mg/kg of complete feed with a moisture content of 12 %			
			<p><i>Analytical methods</i> ⁽¹⁾</p> <p>For the determination of Calcium iodate in the feed additive:</p> <ul style="list-style-type: none"> — Titrimetry — Food Chemicals Codex monograph; or — Titrimetry — European Pharmacopoeia monograph (Eur.Ph. 6.01/2008:20504). <p>For the quantification of total calcium in the feed additive:</p> <ul style="list-style-type: none"> — Atomic Absorption Spectrometry, AAS (EN ISO 6869:2000); or — Inductively Coupled Plasma Atomic Emission Spectrometry, ICP-AES (EN 15510:2007). <p>For the quantification of total iodine in pre-mixtures, feed materials and compound feed:</p> <ul style="list-style-type: none"> — Inductively Coupled Plasma Mass Spectrometry, ICP-MS (EN 15111:2007). 						

⁽¹⁾ Details of the analytical methods are available at the following address of the European Union Reference Laboratory: <https://ec.europa.eu/jrc/en/eurl/feed-additives/evaluation-reports>

⁽²⁾ Council Directive 89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work (OJ L 183, 29.6.1989, p. 1).

⁽³⁾ Council Directive 89/656/EEC of 30 November 1989 on the minimum health and safety requirements for the use by workers of personal protective equipment at the workplace (OJ L 393, 30.12.1989, p. 18).

⁽⁴⁾ Council Directive 92/85/EEC of 19 October 1992 on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding (OJ L 348, 28.11.1992, p. 1).

⁽⁵⁾ Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (OJ L 131, 5.5.1998, p. 11).

⁽⁶⁾ Council Directive 89/686/EEC of 21 December 1989 on the approximation of the laws of the Member States relating to personal protective equipment (OJ L 399, 30.12.1989, p. 18).