REGULATIONS

COMMISSION IMPLEMENTING REGULATION (EU) 2019/849

of 24 May 2019

amending Implementing Regulation (EU) 2017/1492 as regards the maximum content of cholecalciferol (vitamin D3) in feed for salmonids

(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 13(2) thereof,

Whereas:

- Commission Implementing Regulation (EU) 2017/1492 (²) authorises cholecalciferol (vitamin D₃) as nutritional additive for all animal species. In that Regulation, the maximum authorised content of vitamin D₃ for fish is 3 000 IU/kg of complete feedingstuff.
- (2) The Norwegian Food Safety Authority (NFSA) submitted studies on the safety of vitamin D₃ for fish and consumers at substantially higher levels (60 000 IU/kg of complete feedingstuff) than the maximum authorised content.
- (3) For control purposes the results of calculation of tolerance levels can lead to a discrepancy in values between the two units (mg or IU). For this reason, the levels in the authorisation should be established only in International Units.
- (4) On the basis of the data submitted by the NFSA, the European Food Safety Authority concluded in its opinions of 25 January 2017 (3) and 29 November 2018 (4) that a total level of 60 000 IU of vitamin D₃ per kg of complete feedingstuff is safe for consumers and the environment. The European Food Safety Authority also concluded that the levels proposed were safe for salmonids. For other fish, no sufficient data were available to conclude on the safety for a total level of 60 000 IU vitamin D₃/kg of complete feedingstuff. Consequently, the authorisation should be restricted to salmonids. It also concluded in the opinion of 13 November 2012 (5) that vitamin D₃ is not an irritant to skin and eyes and is not a skin sensitiser. For some formulations of vitamin D₃ there is a potential for workers to be exposed to high levels of vitamin D₃ by inhalation. Inhaled vitamin D₃ is highly toxic. Exposure to dust is harmful to persons handling the additive. As the levels of vitamin D₃ have been increased this may have implications for user safety, therefore, the Commission considers that appropriate protective measures should be taken to prevent adverse effects on human health, in particular as regards the users of the additive.
- (5) The Annex to Implementing Regulation (EU) 2017/1492 should therefore be amended accordingly.
- (6) 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

The Annex to Implementing Regulation (EU) 2017/1492 is replaced by the text set out in the Annex to this Regulation.

⁽¹⁾ OJ L 268, 18.10.2003, p. 29.

⁽²⁾ Commission Implementing Regulation (EU) 2017/1492 of 21 August 2017 concerning the authorisation of cholecalciferol as a feed additive for all animal species (OJ L 216, 22.8.2017, p. 19).

⁽³⁾ EFSA Journal 2017;15(3):4713.

⁽⁴⁾ EFSA Journal 2019;17(1):5540.

⁽⁵⁾ EFSA Journal 2012;10(12):2968

Article 2

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, 24 May 2019.

For the Commission
The President
Jean-Claude JUNCKER

ANNEX											
Identi-	Name of			Species or		Minimum content	Maximum content		End of		
fication number of the additive	the holder of authorisa- tion	Additive	Composition, chemical formula, description, analytical method	category of animal	Maximum age	IU of cholecalciferol (¹)/kg of complete feedingstuff with a moisture content of 12 %.		Other provisions	period of authorisation		
Category o	f nutritional	additives. Func	tional group: Vitamins, provitamins	and chemicall	y well-defii	ned substanc	ces having sin	nilar effect.			
3a671		'Cholecal-	Cholecalciferol. Characterisation of the active substance Cholecalciferol C ₂₇ H ₄₄ O CAS number: 67-97-0 Cholecalciferol solid and resin form, produced by chemical synthesis. Purity criteria: Min. 80 % (cholecalciferol and precholecalciferol) and max. 7 % tachysterol. Method of analysis (²) — For the determination of Vitamin D ₃ in the feed additive: High Performance Liquid Chromatography coupled to UV detection (HPLC-UV, 254 nm) - European Pharmacopoeia method 01/2008:0574,0575,0598. — For the determination of Vitamin D ₃ in premixtures: High Performance Liquid Chromatography coupled to UV detection at 265 nm (HPLC-UV) - axis	Pigs	_	_	2 000 IU	1. Vitamin D ₃ may be placed on	11 September 2027		
		'Vitamin D ₃ '		Milk replacers for piglets	_	_	10 000 IU	the market and used as an additive consisting of a preparation. 2. The additive shall be incorpor-			
				Bovines	_	_	4 000 IU	ated into the feed in the form of a premixture.			
				Milk replacers for calves	_	_	10 000 IU	3. In the directions for use of the additive and premixtures, the storage and stability conditions shall be indicated.			
				Ovines	_	_	4 000 IU	4. Maximum content of the com-			
				Chickens for fattening	_	_	5 000 IU	bination of 25-hydroxychole- calciferol with cholecalciferol per kg of complete feeding-			
				Turkeys	_	_	5 000 IU	stuff:			
				Other poultry	_	_	3 200 IU	— ≤ 5 000 IU of vitamin D ₃ for chickens for fattening and turkeys for fattening,			
				Equines	_	_	4 000 IU	— ≤ 3 200 IU for other poultry,			
				Salmonids	_	_	60 000 IU	— ≤ 2 000 IU for pigs.			
				Other fish species	_	_	3 000 IU	5. Simultaneous use with Vitamin D_2 is not allowed.			
				Other animal species	_	_	2 000 IU				

Identi- fication number of the additive	Name of the holder of authorisa- tion	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	of complete with a moist	Maximum content alciferol (¹)/kg e feedingstuff ure content of e %.	Other provisions	End of period of authorisation
			 For the determination of vitamin D₃ in feedingstuffs: High Performance Liquid Chromatography coupled to UV detection at 265 nm (HPLC-UV)-VDLUFA 1997, Methodenbuch, Method 13.8.1; or Reverse-Phase High Performance Liquid Chromatography coupled to UV detection at 265 nm (RP-HPLC-UV), EN 12821. For the determination of vitamin D₃ in water: Reverse-Phase High Performance Liquid Chromatography coupled to UV detection at 265 nm (RP-HPLC-UV), EN 12821. 					6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address the very hazardous effects of vitamin D ₃ by inhalation. Where the risks associated to those very hazardous effects cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection.	

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⁽¹) 40 IU cholecalciferol = 0,001 mg cholecalciferol (²) Details of the analytical methods are available at the following address of the Reference Laboratory: https://ec.europa.eu/jrc/en/eurl/feed-additives/evaluation-reports