ANNEX

Document Generated: 2023-11-01

Changes to legislation: There are currently no known outstanding effects for the Commission Implementing Regulation (EU) No 1222/2013. (See end of Document for details)

ANNEX

Identifi	ca Niom e	Additiv	e Compo	si lipa çies	Maxim		ınMaxim		End
number			chemic	I I	age			provisio	
of the	holder			a, categor	y	mg/kg			period
additive	e of authori	aatian	descrip			comple			of authorisation
	authori	sauon	method	ca a nimal		feeding with a	stuff		authorisation
			memou			moistur	•0		
						content			
						12 %	O1		
Categor	v of techr	nological a	additives.	Function	al group:		ditives		
1k280	_	Propioni		R <i>ddit</i> næ		_	_		20
		acid	-	I I			20.000	1.	20 Dheember
				<i>Gomposii</i> Propioni	c		30 000		2029 naneous
				Roidtry			10 000		use of
				≥ 99,5 %)				other
				Characte	erisation				organic
				of					acids
				the active					at
				substanc	ρ				the
				Substante	Propioni	c			maximum
					acid				permitted
					\geq 99,5 %))			doses
					$C_3H_6O_2$				is
					CAS				contraindicated.
					No:			2.	The
					79-09-4				additive
					Non-				shall
					volatile residue				be
					≤ 0,01 %				used
					when	,			in easy
					dried				easy to
					at				ensile
					140 °C				material ^b .
					to				
					constant			3.	Simultaneous
					weight Aldehyd	AC.			use with
					≤ 0,1 %	CS .			other
					expresse	d			sources
					as	-			of
					formalde	ehyde			the
					Produce				active
					by				substance

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c As propionic acid.

			Method of Analysis Quantific of propioni acid as total propioni acid in feed additive, premixtu feedings ion exclusion High Performat Liquid Chromat with refractiv index (HPLC-RI)	cation c c c tures, tuffs: n ance ography		4.	shall not exceed the authorised maximum content. For safety: breathing protection, eye protection, gloves and protective clothing shall be used during handling.
1k281	Sodium propiona	te	Ruddithar composit Stefium Propingia ≥ 98,5 % Characte of the active substance	tion te o erisation	o Na	 2.	20 December singultaneous use of other organic acids at the maximum permitted doses is contraindicated. The additive

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c As propionic acid.

ANNEX
Document Generated: 2023-11-01

			Loss			shall
			on			be
			drying			used
			≤4 %			in
			determin	ed		easy
			by			to
			drying			ensile
			for			materials ^b .
			two			materials .
			hours		3.	Simultaneous
			at			use
			105 °C			with
			Water			other
			insoluble	29		sources
			≤ 0,1 %			of
			Produced	1		the
			by	•		active
			chemical			substance
			synthesis			shall
		Method	Symmetrics	,		not
		of				exceed
			a			the
		Analysis				authorised
		Quantific	cation			maximum
		of				content.
		sodium	,			• • • • • • • • • • • • • • • • • • • •
		propiona	ite		4.	For
		in				safety:
		feed				breathing
		additive:				protection,
		(1)	ion			eye
			exclusion	1		protection,
			High			gloves
			Performa	ance		and
			Liquid	,		protective
			Chromat	ography		clothing
			with			shall
			refractive	e		be
			index			used
			detection	1		during
			(HPLC-			handling.
			RI)			<i>3</i> -
			_			
			for			
			the			
			determin	ation		
			of			
			total			

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c As propionic acid.

exclusion High Performance Liquid Chromatography with refractive index (HPLC- RI)				High Performa Liquid Chromat with refractiv index (HPLC-	te c res, tuffs: n ance ography	on netry,		
Ammonium propionate $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1k284	_		Pomposit Preparat Poultry ammonit propiona ≥ 19,0 % propioni	tion ion um te		1.	use of other organic acids

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c As propionic acid.

ANNEX

Document Generated: 2023-11-01

$\leq 80,0\%$ and water $\leq 30\%$ Characterisation of the active substance Ammonium propionate: $C_3H_9O_2N$ CAS No: 17496-08-1 Produced by	the maximum permitted doses is contraind 2. The additive shall be used in easy to ensile materials!	icated.
Method of Analysis Quantification of the ammonium propionate in feed additive: (1) ion exclusion High Performance	3. Simultane use with other sources of the active substance shall not exceed the authorised maximum content.	,
Liquid Chromatography with refractive index detection (HPLC- RI) - for the determination of	4. For safety: breathing protection eye protection gloves and protective clothing shall be used	1,

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c As propionic acid.

Document Generated: 2023-11-01

		Quantific of ammoning propional as total propional acid in premixture feedings ion exclusion High Performat Liquid Chromat with refractive index (HPLC-RI)	um te c tres, tuffs: n ance ography	e le ation			during handling.
--	--	--	---	------------------	--	--	------------------

a Details of the analytical methods are available at the following address of the Reference Laboratory: http://irmm.jrc.ec.europa.eu/EURLs/EURL_feed_additives/Pages/index.aspx

b Easy to ensile forage: > 3 % soluble carbohydrates in fresh material (e.g. whole plant maize, ryegrass, brome grass or sugar beet pulp). Commission Regulation (EC) No 429/2008 (OJ L 133, 22.5.2008, p. 1).

c As propionic acid.

7

Document Generated: 2023-11-01

Changes to legislation:

There are currently no known outstanding effects for the Commission Implementing Regulation (EU) No 1222/2013.