ANNEX

EN

Identi-fication number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisa-tion
					CFU of additive/kg of fresh material			
Category of technological additives. Functional group: silage additives								
1k21701	*Lacticaseibacillus rhamnosus* IMI 507023	**Additive composition:** Preparation of *Lacticaseibacillus rhamnosus* IMI 507023 containing a minimum of 1×10^{10} CFU/g additive. Solid form --- **Characterisation of the active substance:** Viable cells of *Lacticaseibacillus rhamnosus* IMI 507023. --- **Analytical method**[1] - Identification: Pulsed-Field Gel Electrophoresis (PFGE) - Enumeration in the feed additives: Spread plate method on MRS agar (EN	All animal species	-	-	-	1. In the directions for use of the additive and premixtures, the storage conditions shall be indicated. 2. Minimum content of the additive when used without combination with other micro-organisms as silage additives: 1×10^9 CFU/kg of easy and moderately difficult to ensile fresh material[2]. 3. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks resulting from its use. Where those risks	*[10 years from the date of entry into force of this Regulation. To be completed by the OP]*

[1] 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

[2] Easy to ensile forage: > 3 % soluble carbohydrates in fresh material; moderately difficult to ensile forage: 1,5-3,0 % soluble carbohydrates in the fresh material in accordance with Commission Regulation (EC) No 429/2008 of 25 April 2008 on detailed rules for the implementation of Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the preparation and the presentation of applications and the assessment and the authorisation of feed additives (OJ L 133, 22.5.2008, p. 1).

Identi-fication number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisa-tion
					CFU of additive/kg of fresh material			
Category of technological additives. Functional group: silage additives								
		15787)					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 skin, eyes and breathing protection.	

Identification number of the additive	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
					CFU of additive/kg of fresh material			
Category of technological additives. Functional group: silage additives								
1k21016	*Pediococcus pentosaceus* IMI 507024	**Additive composition:** Preparation of *Pediococcus pentosaceus* IMI 507024 containing a minimum of 1×10^{10} CFU/g additive. Solid form --- **Characterisation of the active substance:** Viable cells of *Pediococcus pentosaceus* IMI 507024. --- **Analytical method**[3] - Identification: Pulsed-Field Gel Electrophoresis (PFGE) - Enumeration in the feed additive: Spread plate method on MRS agar (EN 15786)	All animal species	-	-	-	1. In the directions for use of the additive and premixtures, the storage conditions shall be indicated. 2. Minimum content of the additive when used without combination with other micro-organisms as silage additives: 1×10^9 CFU/kg of easy and moderately difficult to ensile fresh material[4]. 3. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal	*[10 years from the date of entry into force of this Regulation. To be completed by the OP]*

[3] 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

[4] Easy to ensile forage: > 3 % soluble carbohydrates in fresh material; moderately difficult to ensile forage: 1,5-3,0 % soluble carbohydrates in the fresh material in accordance with Commission Regulation (EC) No 429/2008 of 25 April 2008 on detailed rules for the implementation of Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the preparation and the presentation of applications and the assessment and the authorisation of feed additives (OJ L 133, 22.5.2008, p. 1).

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					CFU of additive/kg of fresh material			
Category of technological additives. Functional group: silage additives								
							protective equipment, including skin, eyes and breathing protection.	

Identi-fication number of the additive	Additive	Composition, chemical formula, description, analytical method	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisa-tion
					CFU of additive/kg of fresh material			
Category of technological additives. Functional group: silage additives								
1k21017	*Pediococcus pentosaceus* IMI 507025	**Additive composition:** Preparation of *Pediococcus pentosaceus* IMI 507025 containing a minimum of 1×10^{10} CFU/g additive. Solid form --- **Characterisation of the active substance:** Viable cells of *Pediococcus pentosaceus* IMI 507025. --- **Analytical method**[5] - Identification: Pulsed-Field Gel Electrophoresis (PFGE) - Enumeration in the feed additive: Spread plate method on MRS agar (EN 15786)	All animal species	-	-	-	1. In the directions for use of the additive and premixtures, the storage conditions shall be indicated. 2. Minimum content of the additive when used without combination with other micro-organisms as silage additives: 1×10^9 CFU/kg of easy and moderately difficult to ensile fresh material[6]. 3. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal	*[10 years from the date of entry into force of this Regulation. To be completed by the OP]*

5 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

6 Easy to ensile forage: > 3 % soluble carbohydrates in fresh material; moderately difficult to ensile forage: 1,5-3,0 % soluble carbohydrates in the fresh material in accordance with Commission Regulation (EC) No 429/2008 of 25 April 2008 on detailed rules for the implementation of Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the preparation and the presentation of applications and the assessment and the authorisation of feed additives (OJ L 133, 22.5.2008, p. 1).

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					CFU of additive/kg of fresh material			
Category of technological additives. Functional group: silage additives								
1k21601	*Lactiplantibacillus plantarum* IMI 507026	**Additive composition:** Preparation of *Lactiplantibacillus plantarum* IMI 507026 containing a minimum of 1×10^{10} CFU/g additive. Solid form --- **Characterisation of the active substance:** Viable cells of *Lactiplantibacillus plantarum* IMI 507026. --- **Analytical method**[7] - Identification: Pulsed-Field Gel Electrophoresis (PFGE) - Enumeration in the feed additives: Spread plate method on MRS agar (EN 15787)	All animal species	-	-	-	1. In the directions for use of the additive and premixtures, the storage conditions shall be indicated. 2. Minimum content of the additive when used without combination with other micro-organisms as silage additives: 1×10^9 CFU/kg of easy and moderately difficult to ensile fresh material[8]. 3. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal	*[10 years from the date of entry into force of this Regulation. To be completed by the OP]*

7 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

8 Easy to ensile forage: > 3 % soluble carbohydrates in fresh material; moderately difficult to ensile forage: 1,5-3,0 % soluble carbohydrates in the fresh material in accordance with Commission Regulation (EC) No 429/2008 of 25 April 2008 on detailed rules for the implementation of Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the preparation and the presentation of applications and the assessment and the authorisation of feed additives (OJ L 133, 22.5.2008, p. 1).

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					CFU of additive/kg of fresh material			
Category of technological additives. Functional group: silage additives								
1k21602	*Lactiplantibacillus plantarum* IMI 507027	**Additive composition:** Preparation of *Lactiplantibacillus plantarum* IMI 507027 containing a minimum of 1×10^{10} CFU/g additive. Solid form --- **Characterisation of the active substance:** Viable cells of *Lactiplantibacillus plantarum* IMI 507027. --- **Analytical method**[9] - Identification: Pulsed-Field Gel Electrophoresis (PFGE) - Enumeration in the feed additives: Spread plate method on MRS agar (EN 15787)	All animal species	-	-	-	1. In the directions for use of the additive and premixtures, the storage conditions shall be indicated. 2. Minimum content of the additive when used without combination with other micro-organisms as silage additives: 1×10^9 CFU/kg of easy and moderately difficult to ensile fresh material[10]. 3. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal	*[10 years from the date of entry into force of this Regulation. To be completed by the OP]*

9 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

10 Easy to ensile forage: > 3 % soluble carbohydrates in fresh material; moderately difficult to ensile forage: 1,5-3,0 % soluble carbohydrates in the fresh material in accordance with Commission Regulation (EC) No 429/2008 of 25 April 2008 on detailed rules for the implementation of Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the preparation and the presentation of applications and the assessment and the authorisation of feed additives (OJ L 133, 22.5.2008, p. 1).

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Category of technological additives. Functional group: silage additives								
1k21603	*Lactiplantibacillus plantarum* IMI 507028	**Additive composition:** Preparation of *Lactiplantibacillus plantarum* IMI 507028 containing a minimum of 1×10^{10} CFU/g additive. Solid form --- **Characterisation of the active substance:** Viable cells of *Lactiplantibacillus plantarum* IMI 507028. --- **Analytical method**[11] - Identification: Pulsed-Field Gel Electrophoresis (PFGE) - Enumeration in the feed additives: Spread plate method on MRS agar (EN 15787)	All animal species	-	-	-	1. In the directions for use of the additive and premixtures, the storage conditions shall be indicated. 2. Minimum content of the additive when used without combination with other micro-organisms as silage additives: 1×10^9 CFU/kg of easy and moderately difficult to ensile fresh material[12]. 3. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks resulting from its use. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal	*[10 years from the date of entry into force of this Regulation. To be completed by the OP]*

11 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

12 Easy to ensile forage: > 3 % soluble carbohydrates in fresh material; moderately difficult to ensile forage: 1,5-3,0 % soluble carbohydrates in the fresh material in accordance with Commission Regulation (EC) No 429/2008 of 25 April 2008 on detailed rules for the implementation of Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the preparation and the presentation of applications and the assessment and the authorisation of feed additives (OJ L 133, 22.5.2008, p. 1).

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