

A.L. 89 ta' l-2005**ATT TA' L-2001 DWAR IS-SERVIZZI VETERINARJI
(ATT NRU. XXIII TA' L-2001)****Regoli ta' l-2005 dwar Prodotti li Jintużaw fl-Ghalf
ta' l-Animali**

BIS-SAHHA tas-setgha moghtija bl-artikoli 24 u 25 ta' l-Att ta' l-2001 dwar is-Servizzi Veterinarji, il-Ministru ta' l-Affarijiet Rurali u l-Ambjent, wara konsultazzjoni mal-Ministru tas-Sahha, Anzjani u Kura Komunitarja, ghamel dawn ir-regoli li ġejjin:-

1. (1) It-titolu ta' dawn ir-regoli hu Regoli ta' l-2005 dwar Titolu u skop.
Prodotti li jintużaw fl-Ghalf ta' l-Animali

(2) L-iskop ta' dawn ir-regoli huwa l-implimentazzjoni tar-regoli li hemm fid-Direttiva tal-Kunsill ta' l-Unjoni Ewropeja 82/471/KEE tat-30 ta' Ġunju, 1982, dwar ċerti prodotti li jikkonsistu f'sors dirett jew indirett ta' proteini, li huma manufatturati skond ċerti proċessi tekniċi u li jitqeghdu fis-suq bħala għalf ta' l-animali jew fl-għalf skond l-artikoli 24 u 25 tal-Att dwar is-Servizzi Veterinarji.

(3) Dawn ir-regoli ma ghandhomx ikunu ta' preġudizzju għar-regoli oħra dwar:

(a) addittivi fl-għalf;

(b) l-iffissar ta' livelli massimi ta' sustanzi jew prodotti mhux desiderabbli fl-għalf;

(ċ) l-iffissar ta' livelli massimi ta' fdalijiet ta' pesticidi fuq jew fil-prodotti intenzjonati għall-użu fl-ikel tal-bniedem jew ta' l-animali;

(d) it-tqeghid fis-suq ta' għalf kompost, mikro-organizmi patoġeniċi fl-għalf; għalf intenzjonat għall-nutrimet partikolari; i-irkolazzjoni ta' materjal użat fl-għalf.

2. Għall-iskop ta' dawn ir-regoli, għandhom japplikaw id- Tifsir.
definizzjonijiet li ġejjin:

“addittivi” tfisser sustanzi li meta jiġu inkorporati ma’ l-ghalf dawn jistgħu jibdlu l-karatteristiċi ta’ l-ghalf jew tal-produzzjoni tal-bhejjem;

“ghalf” tfisser sustanzi organiċi jew inorganiċi, użati wehedhom jew fit-tahlitiet, li għandhom jew li ma għandhomx addittivi, biex jittiekel mill-annimali;

“ghalf komplet” tfisser tahlita ta’ għalf li minhabba l-kompożizzjoni tagħha li biżżejjed għar razzjon ta’ kuljum;

“ghalf supplimentari” tfisser tahlitiet ta’ għalf li għandhom kontenut għoli ta’ ċertu sustanzi u li minhabba l-kompożizzjoni tagħhom, huma biżżejjed għar-razzjon ta’ kuljum biss jekk ikunu imħallta ma’ għalf iehor;

“razzjon ta’ kuljum” tfisser il-kwantità medja tat-total tal-ghalf, ikkalkulat fuq il-kontenut niedi ta’ 12%, li hu mehtieg kuljum minn annimal ta’ speċi, età u tkabbir speċifiċi, biex jiġu sodisfatti l-bżonnijiet kollha tiegħu;

“tahlitiet li jsiru minn qabel” tfisser addittivi konċentrati intenzjonati għall-manifattura industrijali ta’ għalf kompost.

Tqeghid fis-suq ta’ għalf.

3. (1) Għalf li jaqa’ taht xi wiehed mill-gruppi ta’ prodotti mnizzla fl-Iskeda li tinsab ma’ dawn ir-Regoli jew li fih dawn prodotti, jista’ jitqegħdu fis-suq biss jekk:

(a) il-prodott innifsu ikun imnizzel fl-iskeda;

(b) kull kondizzjoni imnizzla hemmhekk tkun sodisfatta.

(2) L-awtoritajiet kompetenti jistgħu, għal skopijiet ta’ riċerka jew dawk xjentifiċi, jagħmlu derogi minn dak li hu mnizzel f’subregola (1), basta ssir ispezzjoni ufficjali adegwata.

(3) Prodotti msemmija f’ Kapitolu I.1 (a) tad-Direttiva tal-Kunsill 95/69/KE tat-22 ta’ Diċembru, 1995 li tistabbilixxi l-kondizzjonijiet u l-arranġamenti għall-approvazzjoni u r-registrazzjoni ta’ ċerti stabbilimenti u intermedjarji li jahdmu fil-qasam ta’ l-ghalf, jistgħu biss jitqegħdu fis-suq minn stabbilimenti jew intermedjarji li jissodisfaw il-kondizzjonijiet imnizzla f’ Artiklu 2 jew Artiklu 3 ta’ dik id-Direttiva, skond kif japplika.

(4) Subregola (3) għandu japplika mingħajr preġudizzju għall-Artiklu 4 (2) tad-Direttiva tal-Kunsill 95/69/KE.

4. (1) Minghajr preġudizzju għall-miżuri dwar it-tikkettjar li japplikaw għall-ghalf waħdu jew kompost, il-prodotti mnizzla fl-Iskeda ma jistgħux jitqegħdu is-suq bħala għalf jew jiġu miżjudi ma' l-ghalf, sakemm xi partikolaritajiet imnizzla fl-Iskeda ma jidhrux fuq il-pakkett jew il-kontenitur, jew fuq tabella imwahnha fuqhom.

Il-partikolaritajiet li japplikaw għandhom jidhru fuq it-tikketta eċċ.

(2) Għall-materjali mibjugħa bl-ingrossa, il-partikolaritajiet imsemmija f' subregola (1) għandhom jidhru fuq id-dokument li jimxi magħhom.

5. (1) Fl-Iskeda għandhom jiġu osservati dawn il-prinċipji li ġejjin:

Prinċipji osservati fl-Iskeda.

(a) Prodott ma għandux jiġi imnizzel fl-Iskeda sakemm:

(i) ma jkollux valur nutrittiv għall-animali għax ikun fih in-nitroġenu, jew

(ii) meta jintuza sew ma jkollu ebda effett detrimentali fuq is-saħha tal-bniedem jew ta' l-animali jew fuq l-ambjent, u ma jkunx iwegġa' lill-konsumatur billi jfjixkel il-karatteristiċi distintivi tal-prodotti mill-animali, jew

(iii) ikun jista' jiġi monitorjat fl-ghalf.

(b) Prodott għandu jiġi mnehhi mill-Iskeda meta xi waħda mill-kundizzjonijiet imposti f' paragrafu (a) ma tiġix sodisfatta.

(2) Il-kriterji li jagħmluha possibbli li jiġu definiti l-prodotti mnizzla f' dawn ir-regoli, b' mod partikolari il-kriterji tal-kompożizzjoni, il-purità, u l-proprjetajiet fiżjokimiċi u batterjologiċi, jistgħu jiġu stabbiliti skond tagħrif xjentifiku u tekniku.

6. (1) Sabiex jiġi żgurat li l-prodotti mnizzla fis-sezzjonijiet 1.1 u 1.2 ta' l-Iskeda, jissodisfaw il-prinċipji imnizzla f' regola 5 (1), id-*dossier*, preparat skond id-disposizzjonijiet ta' subregola (2) ta' dawn ir-regoli, jiġi mibgħut ufficjalment lill-Istati Membri, lill-organizzazzjoni internazzjonali rilevanti u, jekk ikun hemm bżonn li jiġu konsultati, 'l kumitati xjentifiċi neċessarji.

Konformità tal-prodott.

(2) L-awtoritajiet kompetenti u r-riċevituri l-oħra tad-*dossier* imsemmi f' subregola (1) għandhom jiżguraw, jekk mitluba minn applikant għal xi raġuni valida, li kull informazzjoni li jekk din tiġi mikxufa tista' tolqot drittijiet ta' proprjetà industrijali jew kummerċjali, tinzamm kunfidenzjali. Is-segretezza industrijali u kummerċjali ma għandiex tapplika għal:

- (a) Ismijiet u l-kompożizzjoni ta' prodott, u kull informazzjoni dwar proprjetajiet tas-*substrate* u mikrobijoloġika,
- (b) Il-proprjetajiet fiżjokimiċi u batterjoloġiċi tal-prodott,
- (ċ) L-interpretazzjoni tad-*data* farmakoloġika, tossikoloġika u ekotossikoloġika,
- (d) Il-metodi analitiċi sabiex jiġi monitorjat il-prodott fl-ghalf.

Sospensjoni temporanja eċċ ta' l-applikazzjoni tal-provvedimenti.

7. Jekk, abbażi ta' raġunijiet dettaljati minhabba *data* ġdida jew evalwazzjoni ġdida ta' *data* esistenti li saret evidenti minn meta ġew adottati r-regoli konernati, l-awtoritajiet kompetenti jsibu li wiehed mill-prodotti mnizzla fl-Iskeda jew l-użu tiegħu taht kull kundizzjoni li jinsab fiha, jirrapprezenta periklu għas-saħha tal-bniedem jew ta' l-annimali avolja jilhaq il-kundizzjonijiet ta' dawn ir-regoli, dawn jistgħu temporanjament jissospendu jew inaqqsu l-applikazzjoni ta' dawk ir-regoli. Huma għandhom immedjatement jinformat lill-Istati Membri l-oħra u lill-organizzazzjonijiet internazzjonali rilevanti, u jagħtu r-raġunijiet għal dik id-deċiżjoni.

Il-partikolaritajiet għandhom jingħataw bil-lingwa uffiċjali.

8. F'dak li għandu x'jaqsam ma' kummerċ bejn Malta u l-Istati Membri l-oħra, il-partikolaritajiet imsemmija f'regola 4 għandhom jingħataw għal ta' l-anqas, f'lingwa waħda uffiċjali tal-pajjiż tad-destinazzjoni.

Restrizzjonijiet dwar tqegħid fis-suq.

9. Sa fejn għandu x'jaqsam mal-preżenza u t-tikkettjar ta' prodotti mnizzla fl-Iskeda, għalf li jkun konformi mal-kundizzjonijiet imposti minn dawn ir-regoli hu soġġett biss għal dawk ir-restrizzjonijiet dwar it-tqegħid fis-suq bħalma huma mnizzla f'dawn ir-regoli.

Prodotti ta' l-annimali mhux soġġetti għal restrizzjonijiet.

10. Il-prodotti ta' l-annimali ma jkunu soġġetti għal ebda restrizzjoni dwar it-tqegħid fis-suq bħala riżultat ta' l-applikazzjoni ta' dawn ir-regoli.

Sorveljanza fuq kemm l-ghalf ikun konformi.

11. L-awtoritajiet kompetenti għandhom jieħdu kull miżura neċessarja sabiex uffiċjalment jimmonitorjaw li l-ghalf ikun konformi mal-kundizzjonijiet imnizzla f'dawn ir-regoli, għal ta' l-anqas billi jittieħdu kampjuni waqt li dan ikun qiegħed jiġi mqiegħed fis-suq.

SKEDA

1	2	3	4	5	6	7
Isem tal-grupp tal-prodott	Isem tal-prodott	X'inhu il-principju nutrittiv jew il-mikro-organizmu	<i>Culture substrate</i> (speċifikazzjonijiet, jekk hemm)	Karatteristiċi tal-kompożizzjoni tal-prodott.	Speċi ta' l-animali	Regoli speċjali
1. Proteini mehuda minn dawn il-gruppi ta' mikro-organizmi						
1.1. Batterja						
1.1.1. Batterja kkultivata fil- <i>methanol</i>	1.1.1.1. Prodott proteiniċu minn fermentazzjoni miksub mit- <i>tkabbir ta' Methylophilus Methylootrophus</i> fuq il- <i>methanol</i>	<i>Methylophilus methylootrophus</i> NCIB strain 10.515	<i>Methanol</i>	- proteini mhux maħduma min. 68 % - Indici riflettiv ta' l-anqas 50	- majjali - għoġġiela - tjur - hut	Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott: - isem tal-prodott - proteini mhux maħduma - irmied mhux maħdum - xaham mhux maħdum - kontenut ta' umdià - istruzzjonijiet għall-użu - Dikjarazzjoni tal-kliem 'Ixxommux - numru approvat Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar ta' xi prodott fi h l-għalf; - ammont tal-prodott li fi h l-għalf
1.1.2 Batterja kkultivata fuq gass naturali	1.1.2.1 Prodott proteiniċu minn fermentazzjoni ottenut minn gass naturali bit- <i>tkabbir ta': Methylococcus</i>	<i>Methylococcus capsulatus</i> (Bath) NCIMB strain 11132 <i>Alcaligenes acidovorans</i> NCIMB strain 12387 <i>Bacillus nbutane</i> , 1%	Gass naturali: (approx. 91% <i>methane</i> , 5% <i>ethane</i> , 2% <i>propane</i> , 0, 5% <i>isobutane</i> , 0, 5% <i>nbutane</i> , 1%	Proteini mhux maħduma: min. 65%	- Majjali għas-sinna minn 25 sa 60 kg - Għoġġiela minn 80 kg 'il fuq - Salamun	Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott: - isem tal-prodott " Prodott proteiniċu minn

1.2. <i>Yeasts</i> 1.2.1. <i>Yeasts</i>	Il- <i>yeasts</i> kollha miksubin mill-mikro-	<i>Saccharomyces cerevisiae</i> ,	<i>Molasses</i> , residwi ta' distillerija, ċerejali u	-	L-ispeċi kollha ta' l-animali	fermentazzjoni ottenut minn gass naturali bit-kabbir ta': <i>Methylococcus capsulatus (Bath)</i> , <i>Alcaligenes acidovorans</i> , <i>Bacillus brevis et Bacillus firmus</i> -proteini mhux maħduma -irmied mhux maħdum -xaham mhux maħdum -kontenut ta' umdità -istruzzjonijiet għall-użu - rata massima ta' inkorporazzjoni - 8% majjali għas-simna - 8% għoggiela - 19% salamun (ilma helu) - 3% salamun (ilma baħar) - Dikjarazzjoni tal-kliem 'Ixxommux' -numru approvat Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar ta' xi prodotti fih l-għalf; - l-isem: "Prodott proteiniku ottenut mill-fermentazzjoni batterika tal-gass naturali" - ammont tal-prodott li fih l-għalf.
<i>capsulatus (Bath)</i> , <i>Alcaligenes acidovorans</i> , <i>Bacillus brevis et Bacillus firmus</i> , u ċ-ċelloli li ġew maqtula	<i>brevis NCIMB strain 13288 Bacillus firmus NCIMB strain 13280</i>	komponenti oħrajn), <i>ammonia mineral salts</i>				

ikkultivat fuq substrates ta' origini animali jew vegetali	organici jew <i>substrates</i> li huma mnizzla ful-kolonni 3 jew 4 rispettivament - li ċ-ċelloli tagħhom ġew maqtula	<i>Saccharomyces carlsbergiensis</i> , <i>Kluyveromyces lactis</i> , <i>Kluyveromyces fragilis</i>	prodotti li għandhom il-lantu, meraq ta' frott magħsur, xghir (<i>whey</i>), <i>lactic add</i> , fibri vegetali <i>hydrolyzed</i>				
1.2.2. <i>Yeasts</i> ikkultivati fuq <i>substrates</i> barra dawk imsemmija f' 1.2.1	-	-					
1.3. Alka							
1.4. <i>Lower fungi</i>							
1.4.1. Prodotti mill-produzzjoni ta' antibijotiċi bil-fermentazzjoni	1.4.1.1. <i>Mycelium</i> , <i>wet byproduct</i> mill-produzzjoni ta- <i>penicillin</i> , <i>ensiled</i> permezz ta' <i>lactobacillus brevis</i> , <i>plantarum</i> , <i>sake</i> , <i>collenoid</i> u <i>streptococcus lactis</i> biex ma jhallix lill- <i>penicillin</i> jahdem u trattat bis-šana	<i>Nitrogenous compound Penicillium chrysogenum ATCC 48271</i>	Sorsi differenti ta' karboidrati u l- <i>hydrolysates</i> tagħhom	Nitroġenu espress bhala proteini mhux maħduma: min. 7 %	Majjali li jirghu	Dikjarazzjoni li għandha ssir fuq it-tikketta jew fuq l-ippakkjar tal-prodott: - l-isem: " <i>Mycelium silage</i> mill-produzzjoni tal- <i>penicillin</i> " - Nitroġenu espress bhala proteini mhux maħduma - irmied mhux maħdum - umdità - speci ta' annimali jew kategorija Dikjarazzjoni li għandha ssir fuq it-tikketta jew l-ippakkjar ta' xi prodotti fih l-għalf; - l-isem: " <i>Mycelium silage</i> mill-	

								produzzjoni tal- <i>penicillin</i> "	
2. Komponenti tan-nitrogenu li ma humiex proteini									Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott:
2.1. Urina u d-derivati tagħha									- l-iseem 'Urina', 'Biuret', ' <i>Ureaphosphate</i> ' jew ' <i>Diureidoisobutane</i> skond il-kaz
2.1.1. Urina teknikament pura				-	CO (NH ₂) ₂			Urina:	Annimali li jirgħu mill-bidu li bdew jirgħu
2.1.2. <i>Biuret</i> , teknikament pura				-	(CONH ₂) ₂ NH			Minimu 97%	
2.1.3. <i>Ureaphosphate</i> , teknikament pura				-	CO (NH ₂) ₂ H ₃ PO ₄			<i>Biuret</i> : Minimu 97%	
								Nitrogenu: Minimu 16, 5% fosfru: minimu 18 %	- livell ta' nitrogenu u addizzjonali mal-prodott 2.1.3, il-livell ta' fosforu,

	2.1.4. <i>Diureidoisobutane</i> , teknikament pura	(CH ₃) ₂ (CH) ₂ (NHCONH ₂) ₂	-	Nitroġenu: Minimu 30% <i>Isobutyraldehyd</i> e: minimu 35 %		<ul style="list-style-type: none"> - l-ispeċi ta' l-annimali u l-kategorija - numru ta' approvazzjoni Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar ta' xi prodott fih l-għalf: - l-isem: 'Urina', 'Biuret', 'Ureaphosphate' jew 'Diureidoisobutane' skond il-kaz - ammont tal-prodott li fih l-għalf, - perċentagg mit-total ta' komponenti tan-nitroġenu li ma humiex proteini - indikazzjoni, fl-istruzzjoni għall-użu, tal-livell totali ta' nitroġenu ma huwiex għej mill-proteini li ma għandux jiġi mogħti fl-ikla ta' kuljum ta' kull speċi jew kategorija ta' annimali.
2.2. <i>Ammonium salts</i>	2.2.1. <i>Ammonium lactate</i> , magħmul mill-fermentazzjoni ma' <i>Lactobacillus bulgaricus</i>	CH ₃ CHOHCOONH ₄	<i>Xgħir (Whey)</i>	Nitroġenu taht il-forma ta' proteini mhux maħduma: Minimu 44 %	Animali li jirgħu mill-bidu li bdew jirgħu	<ul style="list-style-type: none"> Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott: - isem tal-prodott '<i>Ammonium lactate</i> minn fermentazzjoni', - Nitroġenu espress bħala proteini mhux maħduma - irried mhux maħdum - umdità - speċi ta' annimali jew

						<p>kategorija</p> <ul style="list-style-type: none"> - numru ta' approvazzjoni Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar ta' xi prodotti fih l-għalf: - l-isem '<i>Ammonium lactate</i> minn fermentazzjoni', - ammont ta' prodott fl-għalf, - perċentagg mit-total ta' komponenti tan-nitroġenu li ma humiex proteini - indikazzjoni, fl-istruzzjoni għall-użu, tal-livell totali ta' nitroġenu ma huwiex ġej mill-proteini li ma għandux jiġi mogħti fl-ikla ta' kuljum ta' kull speċi jew kategorija ta' animali.
	<p>2.2.2. <i>Ammonium acetate f' aqueuous solution</i></p>	<p>CH₃COONH₄</p>	<p>-</p>	<p><i>Ammonium acetate</i> min. 55 %</p>	<p>Animali li jirgħu mill-bidu li bdew jirgħu</p>	<p>Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott:</p> <ul style="list-style-type: none"> - il-kliem: <i>Ammonium acetate</i>, - kontenut tan-nitroġenu u tal-umdità, - speċi jew kategorija ta' animali - numru ta' approvazzjoni <p>Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar ta'</p>

	2.2.3 <i>Ammonium sulfate f aqueous solution</i>	(NH ₄) ₂ SO ₄	-		<p><i>Ammonium sulfate</i>: minimu 35%</p>	<p>Annimali li jirghu mill-bidu li bdew jirghu</p>	<p>xi prodotti fih l-ghalf: - il-kliem: <i>Ammonium acetate</i> - l-ammont tal-prodott fl-ghalf, - percentaġġ mit-total ta' komponenti tan-nitroġenu li ma humiex proteini - indikazzjoni, fl-istruzzjoni għall-użu, tal-livell totali ta' nitroġenu ma huwiex ġej mill-proteini li ma għandux jiġi mogħti fl-ikla ta' kuljum ta' kull speċi jew kategorija ta' annimali.</p>
						<p>Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott: - il-kliem; <i>Ammonium sulfate</i>, - kontenut tan-nitroġenu u tal-umdità - speċi ta' annimali - numru ta' approvazzjoni Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar ta' xi prodotti fih l-ghalf: - il-kliem: "Ammonium sulfate", - l-ammont tal-prodott fl-ghalf, - percentaġġ mit-total ta' komponenti tan-nitroġenu</p>	

<p>2.3. <i>By-Products</i> mill-produzzjoni ta' amino acidi bil-fermentazzjoni</p>	<p>2.3.1. <i>By-Products</i> likwidi koncentrati mill-produzzjoni ta' <i>Lglutamic acid</i> bil-fermentazzjoni bil-<i>Corynebacterium melassecola</i></p>	<p><i>Ammonium salts</i> u prodotti oħra magħmula min-nitroġenu</p>	<p><i>Sucrose, molasses, starch products</i> u <i>hydrolysates</i> tagħhom</p>	<p>Nitroġenu espress bhala proteini mhux maħduma: minimu 48 % umdità: massimu 28%</p>	<p>Annimali li jirġhu mill-bidu li bdew jirġhu</p>	<p>li ma humiex proteini - indikazzjoni, fl-istruzzjoni għall-użu, tal-livell totali ta' nitroġenu ma huwiex ġej mill-proteini li ma għandux jiġi mogħti fl-ikla ta' kuljum ta' kull speċi jew kategorija ta' annimali, - fil-każ ta' annimali li jirġhu zghar, l-ikla ta' kuljum ma tistax itkun miżjuda b' aktar minn in 0, 5%</p>
<p>Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott: - isem tal-prodott '<i>By-Products</i> mill-produzzjoni ta' <i>Lglutamic acid</i>' fil-każ ta' prodott 2.3.1; '<i>By-Products</i> ta' <i>L-Lysine</i>' fil-każ ta' 2.3.2, - Nitroġenu espress bhala proteini mhux maħduma - irmied mhux maħdum - umdità - speċi ta' annimali jew kategorija - numru ta' approvazzjoni Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar ta' xi prodott fih l-għalf:</p>						

						<p>- l-isem 'By-Products mill-produzzjoni ta' <i>L-glutamic acid</i> fil-każ ta' prodott 2.3.1; 'By-Products mill-produzzjoni ta' <i>L-Lysine</i> fil-każ ta' prodott 2.3.2, - percentaġġ mit-total ta' komponenti tan-nitroġenu li ma humiex proteini</p> <p>- indikazzjoni, fl-istruzzjoni għall-użu, tal-livell totali ta' nitroġenu ma huwiex ġej mill-proteini li ma għandux jiġi mogħti fl-ikla ta' kuljum ta' kull speċi jew kategorija ta' annimali.</p>
	<p>2.3.2. <i>By-Products</i> li kwidi koncentri magħmula mill-produzzjoni ta' <i>L-Lysine monohydrochloride</i> bil-fermentazzjoni ta' <i>vibacterium lactofermentum</i></p>	<p><i>Ammonium salts</i> u prodotti oħra magħmula min-nitroġenu</p>	<p><i>Sucrose, molasses, starch products</i> u <i>hydrolysates</i> tagħhom</p>	<p>Nitroġenu espress bħala proteini mhux maħduma: minimu 45 %</p>	<p>Annimali li jirġu mill-bidu li b'dew jirġu</p>	
<p>3. Amino Acidi u <i>Salts tagħhom</i> 3.1. <i>Methionine</i></p>	<p>3.1.1. <i>DL-Methionine</i>, teknikament pur</p>	<p>CH₃S (CH₂)₂CH (NH₂) COOH</p>	<p>-</p>	<p><i>DL-Methionine</i>: minimu 98 %</p>	<p>Kull speċi ta' annimali</p>	<p>Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar</p>

	3.1.2. <i>Dihydrated calcium salt of Nhydroxy methyl DL-Methionine</i> , teknikament pur	[CH ₃ S (CH ₂) 2CH (NH ₂ OH) COO]2Ca.2H ₂ O	-	<p><i>DL-Methionine</i>: minimu 67% <i>Formaldehyde</i>: massimu 14% Kalċjum: minimu 9%</p>	Animali li jirgħu mill-bidu li bdew jirgħu	<p>tal-prodott: - isem tal-prodott "<i>DL L methionine</i>, fil-każ ta' prodott 3.1.1, "<i>Dihydrated calcium salt ta' Nhydroxy methylDL-Methionine</i>" fil-każ ta' prodott 3.1.2, "<i>Zincmethionine</i>", fil-każ ta' prodott 3.1.3, - <i>DL-Methionine</i> u l-kontenut ta' l-umdià - speċi jew kategorija ta' animali fil-każ ta' prodotti 3.1.2 and 3.1.3, - numru ta' approvazzjoni</p>
	3.1.3. <i>Methioninezinc</i> , teknikament pur	[CH ₃ S (CH ₂) 2CH (NH ₂) COO]2Zn	<p><i>DL-Methionine</i>: minimu 80% Zn: massimu 18, 5%</p>			<p>Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott: - isem tal-prodott '<i>concentrated liquid sodium DL-Methionine</i>' - kontenut ta' <i>DL-Methionine</i> - kontenut ta' umdià - numru ta' approvazzjoni</p>
	3.1.4. <i>Concentrated liquid sodium DL-Methionine</i> teknikament pur	(CH ₃ S (CH ₂) 2CH (NH ₂) COO) Na	-	<p><i>DL-Methionine</i>: minimu 40, 0 % <i>Sodium</i>: minimu 6, 2 %</p>	Kull speċi ta' animali	
	3.1.5 <i>DL-Methionine</i> , teknikament pur protett b' copolymer vinylpyridi nelstyrene	CH ₃ S (CH ₂) 2CH (NH ₂) COOH	-	<p><i>DL-Methionine</i>: Minimu 65 % <i>copolymer vinylpyridine/styrene</i>: Massimu 3 %</p>	Baqar li jahilbu	<p>Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott: - "<i>Protected methionine with copolymer vinylpyridine/styrene</i>" - <i>DL-Methionine</i> u</p>

3.2. <i>Lysine</i>						kontenut ta' umdità - speċi ta' annimal - numru ta' approvazzjoni
3.2.1. <i>L-Lysine</i> , teknikament pur	NH ₂ (CH ₂) ₄ CH (NH ₂) COOH	-	-	<i>L-Lysine</i> : minimu 98%	Kull speċi ta' annimali	Dikjarazzjonijiet li għandhom isiru fuq it- tikketta jew l-ippakkjar tal-prodott: - isem tal-prodott " <i>L- Lysine</i> " fil-kaz tal-prodott 3.2.1, " <i>Concentrated liquid L-Lysine base</i> " fil- kaz tal-prodott 3.2.2, " <i>L- Lysinemonohydrochloride</i> " fil-kaz tal-prodott 3.2.3, " <i>Concentrated liquid L- Lysine</i> <i>monohydrochloride</i> " fil- kaz tal-prodott 3.2.4, " <i>L- Lysine sulphate</i> u <i>l-By- Products</i> tiegħu mill- fermentazzjoni ", fil-kaz tal-prodott 3.2.5, - <i>L-Lysine</i> u l-kontenut ta' umdità
3.2.2. <i>L-Lysine (base)</i> likwidu koncentrat	NH ₂ (CH ₂) ₄ CH (NH ₂) COOH	<i>Saccharose, molasses,</i> <i>starch products</i> u <i>hydrolysates</i> tagħhom	<i>L-Lysine</i> : minimu 60%			
3.2.3. <i>L- Lysinemonohydrochloro ride</i> , teknikament pur	NH ₂ (CH ₂) ₄ CH (NH ₂) COOH.HCl	-	<i>L-Lysine</i> : minimu 78%			
3.2.4. <i>L- Lysinemonohydrochloro ride</i> likwidu koncentrat	- NH ₂ (CH ₂) ₄ CH (NH ₂) COOH.HCl	<i>Saccharose, molasses,</i> <i>starch products</i> u <i>hydrolysates</i> tagħhom	<i>L-Lysine</i> : minimu 22, 4%			
3.2.5. <i>L- Lysinesulphate</i> magħmul b' fermentazzjoni bil- <i>Corynebacterium glutamicum</i>	[NH ₂ (CH ₂) ₄ CH (NH ₂) COOH] ₂ H ₂ SO ₄	<i>Sugar syrup,</i> <i>molasses, ċerejali,</i> <i>starch products</i> u <i>hydrolysates</i> tagħhom	<i>L-Lysine</i> : minimu 40%			
3.2.6. <i>L-Lysine phosphate</i> u <i>l- By- Products</i> tagħha magħmula b' fermentazzjoni bil- <i>Brevibacterium lactofermentum</i> NRRL B11470	[NH ₂ (CH ₂) ₄ CH (NH ₂) COOH]	<i>Sucrose ammonia</i> u <i>solubles</i> tal-ħut	<i>L-Threonine</i> minimu 98 % <i>L- Lysine</i> : min. 35 % fosfru: min. 4, 3 %	Tjur u hnieżer		
3.2.7 Tahlita ta': (a) <i>L-</i>	NH ₂ (CH ₂) ₄ CH (NH ₂) COOH.HCl	-	<i>L-Lysine + DL- Methionine</i>	Baqar li jaħilbu		

	<i>Lysinemonohydrochloride</i> , teknikament pur u, (b) <i>DL-Methionine</i> , teknikament pur protett bil- <i>copolymer vinylpyridine/styrene</i>	$\text{CH}_3\text{S}(\text{CH}_2)_2\text{CH}(\text{NH}_2)\text{COOH}$		minimu 50 % (inkluż <i>DL-Methionine</i> minimu 15 %) <i>Copolymer vinylpyridine/styrene</i> massimu 3 %		tikketta jew l-ippakkjar tal-prodott: -isem tal-prodott "tahlita ta' <i>Ulysine monohydrochloride</i> u <i>DL-Methionine</i> protett bil- <i>copolymer vinylpyridine/styrene</i> " - <i>L-Lysine, DLmethionine</i> u l-kontenut ta' umdià - speċi ta' annimali - numru ta' approvazzjoni
3.3. <i>Threonine</i>	3.3.1. <i>L-Threonine</i> , teknikament pur	$\text{CH}_3\text{CH}(\text{OH})\text{CH}(\text{NH}_2)\text{COOH}$	-	<i>L-Threonine</i> : minimu 98%	Kull speċi ta' annimali	Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott: -isem tal-prodott " <i>L-Threonine</i> " - <i>L-Threonine</i> u kontenut ta' umdià - numru ta' approvazzjoni
3.4. <i>Tryptophan</i>	3.4.1. <i>L-Tryptophan</i> , teknikament pur	$(\text{C}_8\text{H}_5\text{NH})\text{CH}_2\text{CH}(\text{NH}_2)\text{COOH}$	-	<i>L-Tryptophan</i> : minimu 98 %	Kull speċi ta' annimali	Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott: -isem tal-prodott " <i>L-Tryptophan</i> " - <i>L-Tryptophan</i> u kontenut ta' umdià - numru ta' approvazzjoni
3.4.2. <i>DL-Tryptophan</i> , teknikament pur	(C, H, NH) CH, CH (NH ₂) COOH	-	<i>DL-Tryptophan</i> : minimu 98 %	Kull speċi ta' annimali	Dikjarazzjonijiet li għandhom isiru fuq it-tikketta jew l-ippakkjar tal-prodott: -isem tal-prodott	

4. Simili ta' amino aċidi						<p>"L-Tryptophan" - L-Tryptophan u kontenut ta' umdità - numru ta' approvazzjoni</p>
4.1. Analogi tal- methionine	4.1.1 Hydroxy analogue ta' methionine	CH ₃ S (CH ₂) ₂ CH (OH) COOH	-	Total ta' aċidi: minimu 85 % aċidu Monomer: minimu 65 %		Kull speċi ta' annimali Dikjarazzjonijiet li għandhom isiru fuq it- tikketta jew l-ippakkjar tal-prodott: - jekk appropjat l-isem (kolonna 2), - aċidu monomer u total ta' kontenituri aċidużi fil- każ tal-prodott 4.1.1 u aċidu monomer fil-każ ta' prodott 4.1.2, - kontenut ta' umdità, - speċi ta' annimali - numru ta' approvazzjoni
	4.1.2 Salt tal-kalċjum ta' hydroxy simili għall-methionine	[CH ₃ S (CH ₂) ₂ CH (OH) COO] ₂ Ca	-	Aċidu Monomer: minimu 83 % Kalċjum: minimu 12 %		Dikjarazzjonijiet li għandhom isiru fuq it- tikketta jew l-ippakkjar ta' xi prodotti fih l-għalf: - jekk appropjat l-isem (kolonna 2), - aċidu monomer u total ta' kontenituri aċidużi fil- każ tal-prodott 4.1.1 u aċidu monomer fil-każ ta' prodott 4.1.2, - l-ammont tal-prodott fil- għalf.

Il-kontenuti mniżżla jew li għandhom jigu dikjarati skond il-kolonni 5 u 7 jirreferu għall-prodott bhala tali.

L.N. 89 of 2005

**VETERINARY SERVICES ACT
(CAP. 437)**

Products Used in Animal Nutrition Rules, 2005

IN exercise of the powers conferred by articles 24 and 25 of the Veterinary Services Act, the Minister for Rural Affairs and the Environment, after consultation with the Minister of Health, the Elderly and Community Care, has made the following rules:-

Title and scope.

1. (1) The title of these rules is the Products Used in Animal Nutrition Rules, 2005.

(2) The scope of these rules is to implement the rules found under European Union Council Directive 82/471/EEC of the 30th June, 1982 on certain products which act as direct or indirect protein sources, are manufactured by certain technical processes and are put into circulation as feedingstuffs or in feedingstuffs in accordance with articles 24 and 25 of the Veterinary Services Act.

(3) These rules shall be without prejudice to other provisions concerning:

(a) additives in feedingstuffs;

(b) the fixing of maximum levels for undesirable substances and products in feedingstuffs;

(c) the fixing of maximum levels for pesticide residues on and in products intended for human or animal nutrition;

(d) the marketing of compound feedingstuffs, pathogenic micro-organisms in feedingstuffs, feedingstuffs for particular nutritional purposes, the circulation of feed materials.

Interpretation.

2. For the purpose of these rules, the following definitions shall apply:

“additives” means substances which, when incorporated in feeding-stuffs, are likely to affect their characteristics or livestock production;

“complete feeding-stuffs” means mixtures of feedingstuffs which, by reason of their composition, are sufficient for a daily ration;

“daily ration” means the average total quantity of feeding-stuffs, calculated on a moisture content of 12 %, required daily by an animal of a given species, age category and yield, to satisfy all its needs;

“feeding-stuffs” means organic or inorganic substances, used singly or in mixtures, whether or not containing additives, for oral animal feeding;

“premixtures” means additive concentrates intended for the industrial manufacture of compound animal feeding-stuffs;

“supplementary feeding-stuffs” means mixtures of feeding-stuffs which have a high content of certain substances and which, by reason of their composition, are sufficient for a daily ration only if they are used in combination with other feeding-stuffs.

3. (1) Feedingstuffs belonging to one of the product groups listed in the Schedule or containing such products may be marketed only if: Marketing of feedingstuffs.

(a) the product in question appears in the Schedule.

(b) any conditions laid down therein are fulfilled.

(2) Competent authorities may, for experimental or scientific purposes, provide for derogations from the provisions of sub-rule (1), provided that an adequate official inspection is carried out.

(3) Products referred to in Chapter I. 1 (a) of Council Directive 95/69/EC of 22 December 1995 laying down the conditions and arrangements for approving and registering certain establishments and intermediaries operating in the animal feed sector may be put into circulation only by establishments or intermediaries which meet the conditions laid down in Article 2 or Article 3 of that Directive, as appropriate.

(4) Sub-rule (3) shall apply without prejudice to Article 4 (2) of Council Directive 95/69/EC.

Applicable
particulars to appear
on label etc.

4. (1) Without prejudice to the labelling provisions applicable to straight and compound feedingstuffs, the products listed in the Schedule may not be marketed as feedingstuffs or incorporated in feedingstuffs unless any particulars laid down in the Schedule appear in the package or container or on a label attached thereto.

(2) For material marketed in bulk the particulars referred to in sub-rule (1) appear on an accompanying document.

Principles observed
in Schedule.

5. (1) In the Schedule, the following principles are observed:

(a) A product shall not be included in the Schedule unless:

(i) it has nutritional value for animals because it provides nitrogen, or

(ii) when used sensibly it has no detrimental effect on human or animal health or on the environment and does not harm the consumer by impairing the distinctive features of animal products, or

(iii) it can be monitored in feedingstuffs.

(b) A product shall be deleted from the Schedule if one of the conditions listed in paragraph (A) is not satisfied.

(2) Criteria making it possible to define the products included in these rules, particularly the criteria of composition and purity and the physicochemical and biological properties, may be set in the light of scientific and technical knowledge.

Product conformity.

6. (1) In order to ensure that the products referred to in sections 1.1 and 1.2 of the Schedule comply with the principles set out in rule 5 (1), the dossier, prepared in accordance with the provisions of sub-rule (2) hereof, is sent officially to the Member States, to the relevant international organisation and, if it is requested that they be consulted, to the necessary scientific committees.

(2) The competent authorities and the other recipients of the dossier referred to in sub-rule (1) shall ensure, if requested on good grounds by an applicant, that information whose disclosure could adversely affect industrial or commercial property rights is kept confidential. Industrial and commercial secrecy shall not apply to:

(a) The names and composition of the product, and any information concerning the substrate and the micro-organism,

(b) The physicochemical and biological properties of the product,

(c) The interpretation of the pharmacological, toxicological and ecotoxicological data,

(d) The analytical methods for monitoring the product in the feedingstuffs.

7. If, on the basis of detailed grounds due to new data or a new evaluation of existing data that have become evident since the adoption of the provisions in question, the competent authorities find that one of the products listed in the Schedule or its use under any conditions that have been set represents a danger to human or animal health even though it complies with the provisions of these rules, they may temporarily suspend or restrict the application of those provisions. They shall immediately inform the other Member States and the relevant international organisation thereof, giving the reasons for its decision.

Temporary suspension etc. of applications provisions.

8. With regard to marketing between Malta and other Member States, the particulars referred to in rule 4 shall be given in at least one of the official languages of the country of destination.

Particulars to be given in official language.

9. As far as the presence and labelling of the products listed in the Schedule is concerned, feedingstuffs that comply with the provisions of these rules are subject only to the marketing restrictions contained in these rules.

Marketing restrictions.

10. Animal products are not subject to any marketing restriction as a result of the application of these rules.

Animal products not subject to marketing restrictions.

11. The competent authorities shall take all necessary measures to ensure that the compliance of feedingstuffs with the requirements of these rules is officially monitored, at least by sampling during marketing.

Monitoring of compliance of feedingstuffs.

SCHEDULE

1	2	3	4	5	6	7
Name of product group	Name of product	Designation of nutritive principle or identity of micro-organism	Culture substrate (specifications, if any)	Composition characteristics of product	Animal species	Special provisions
1. Proteins obtained from the following groups of micro-organisms						
1.1. Bacteria						
1.1.1. Bacteria cultivated on methanol	1.1.1.1. Protein product of fermentation obtained by culture of <i>Methylophilus Methylophilus</i> on methanol	<i>Methylophilus methylophilus</i> NCIB strain 10.515	Methanol	-Crude protein min. 68% - Reflectance index at least 50	- Pigs - Calves - Poultry - Fish	Declarations to be made on the label or packaging of the product: - name of the product - crude protein, - crude ash, - crude fat, - moisture content, - instructions for use, - Declaration of the words 'Avoid inhalation.' - approval number Declarations to be made on the label or packaging of compound feedingstuffs: - amount of the product contained in the feedingstuff'
1.1.2 Bacteria cultivated on natural gas	1.1.2.1 protein product of fermentation from natural gas obtained by culture of:	<i>Methylococcus capsulatus</i> (Bath) NCIMB strain 11132 <i>Alcalligenes acidovorans</i> NCIMB	Natural gas: (approx. 91% methane, 5% ethane, 2% propane, 0, 5% isobutane, 0, 5% nbutane, 1% other	crude protein: min. 65%	- Pigs for fattening from 25 to 60 kg - Calves from 80 kg on - Salmon	Declarations to be made on the label or packaging of the product: - the names: "Protein product of

1.2. Yeasts 1.2.1. Yeasts cultivated on substrates of animal	Methylococcus capsulatus (Bath), Alcaligenes acidovorans, Bacillus brevis et Bacillus firmus, and the cells of which have been killed	strain 12387 Bacillus brevis NCIMB strain 13288 Bacillus firmus NCIMB strain 13280	components), ammonia mineral salts		fermentation from natural gas obtained by culture of Methylococcus capsulatus (Bath), Alcaligenes acidovorans, Bacillus brevis et Bacillus firmus" - crude protein - crude ash - crude fat - moisture content - instructions for use - maximum incorporation rate in - 8% pigs for fattening - 8% calves - 19% salmon (freshwater) - 33% salmon (seawater) - declaration of the words: "avoid inhalation". - approval number Declarations to be made on the label or packaging of compound feedingsuffs : - The name: "Protein product obtained by bacterial fermentation of natural gas" - amount of the product contained in the feedingsuff.
	All yeasts - obtained from the micro-organisms and substrates listed in	Saccharomyces cerevisiae, Saccharomyces carlsbergiensis,	Molasses, distillery residues, cereals and products containing starch, fruit juice,	-	All animal species

or vegetable origin	columns 3 and 4 respectively - the cell of which have been killed	Kluyveromyces lactis, Kluyveromyces fragilis	whey, lactic add, hydrolyzed vegetable fibres				
1.2.2. Yeasts cultivated on substrates other than those given in 1.2.1	-	-					
1.3. Algae							
1.4. Lower fungi							
1.4.1. Products from production of antibiotics by fermentation	1.4.1.1. Mycelium, wet byproduct from the production of penicillin, ensiled by means of lactobacillus brevis, plantarum, sake, collenoid and streptococcus lactis to inactive the penicillin and heat treated	Nitrogenous compound Penicillium chrysogenum ATCC 48271	Different sources of carbohydrates and their hydrolysates	Nitrogen expressed as crude protein: min. 7 %	Ruminants pigs	Declaration to be made on the label or packaging of the product: - the name: "Mycelium silage from the production of penicillin" - Nitrogen expressed as crude protein - crude ash - moisture - animal species or category Declaration to be made on the label or packaging of the compound feedingsstuff: - the name: "Mycelium silage from the production of penicillin"	

2. Nonp-rotein nitrogenous compounds						Declarations to be made on the label or packaging of the product:
2.1. Urea and its derivatives	2.1.1. Urea, technically pure	CO (NH ₂) ₂	-	Urea: minimum 97%	Ruminants from the beginning of rumination	- the name 'Urea', 'Biuret', 'Ureaphosphate' or 'Diureidoisobutane', as the case may be,
	2.1.2. Biuret, technically pure	(CONH ₂) ₂ NH	-	Biuret: minimum 97%		- nitrogen level;
	2.1.3. Ureaphosphate, technically pure	CO (NH ₂) ₂ H ₃ PO ₄	-	Nitrogen: minimum 16, 5% Phosphorus: minimum 18 %		and in addition for product 2.1.3, phosphorus level,
	2.1.4. Diureidoisobutane, technically pure	(CH ₃) ₂ (CH) ₂ (NHCONH ₂) ₂	-	Nitrogen: minimum 30% Isobutyraldehyde: minimum 35 %		- animal species or category, - approval number Declarations to be made on the label or packaging of compound feedingsuffs: - the name 'Urea', 'Biuret', 'Ureaphosphate' or 'Diureidoisobutane' as the case may be, - amount of the product contained in the feedingsstuff, - percentage of the total crude protein provided by non-protein nitrogen, - indication, in the instructions for use, of the level of total non-protein nitrogen which should not be extended in the daily ration of each animal species or category.

2.2. Ammonium salts	2.2.1. Ammonium lactate, produced by fermentation with <i>Lactobacillus bulgaricus</i>	CH ₃ CHOHCOONH ₄	Whey	Nitrogen expressed as crude protein: minimum 44 %	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: - the name 'Ammonium lactate from fermentation', - nitrogen expressed as crude protein, - crude ash, - moisture, - animal species or category, - approval number Declarations to be made on the label or packaging of compound feedingstuffs: - the name 'Ammonium lactate from fermentation', - amount of product contained in the feedingstuff- percentage of the total crude protein provided by non-protein nitrogen, - indication, in the instructions for use, of the level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category.
	2.2.2. Ammonium acetate in aqueous solution	CH ₃ COONH ₄	-	Ammonium acetate min. 55 %	Ruminants, from the start of rumination	Declarations to be made on the label or packaging of the product: - the words: Ammonium acetate,

						<p>- nitrogen and moisture contents, - animal species or category, - approval number Declarations to be made on the label or packaging of compound feedingsuffs: - the words: Ammonium acetate - the amount of the product contained in the feedingstuff, - percentage of the total crude protein provided by non protein nitrogen, - indication in the instructions for use of the level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category.'</p>
	2.2.3 Ammonium sulfate in aqueous solution	(NH ₄) 2SO ₄	-	Ammonium sulfate: minimum 35%	Ruminants from the start of rumination	<p>Declarations to be made on the label or packaging of the product: - the words: Ammonium sulfate, - nitrogen and moisture contents, - animal species, - approval number Declarations to be made on the label or packaging of compound</p>

<p>2.3. By-Products from the production of amino acids by fermentation</p>	<p>2.3.1. Concentrated liquid By-Products from the production of L-glutamic acid by fermentation with <i>Corynebacterium melassecola</i></p>	<p>Ammonium salts and other nitrogenous compounds</p>	<p>Sucrose, molasses, starch products and their hydrolysates</p>	<p>Nitrogen expressed as crude protein: minimum 48 % Moisture: maximum 28%</p>	<p>Ruminants from the beginning of rumination</p>	<p>feedingsuffs: - the words: "Ammonium sulfate", - the amount of the product contained in the feedingsstuff, - percentage of the total crude protein provided by non protein nitrogen, - indication in the instructions for use of the level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species, - in the case of young ruminants, the incorporation rate in the daily ration may not exceed 0, 5%</p>
<p>Declarations to be made on the label or packaging of the product: - the name 'By-Products from the production of L-glutamic acid' in the case of products 2.3.1; 'By-Products of L-Lysine' in the case of product 2.3.2, - nitrogen, expressed as crude protein, - crude ash, - moisture,</p>						

3. Amino acids and their salts 3.1. Methionine	2.3.2. Concentrated liquid By-Products from the production of L-Lysine monohydrochloride by fermentation with <i>Brevibacterium lactofermentum</i> 3.1.1. DL-Methionine, technically pure	Ammonium salts and other nitrogenous compounds CH ₃ S (CH ₂) ₂ CH (NH ₂) COOH	Sucrose, molasses, starch products and their hydrolysates -	Nitrogen expressed as crude protein: minimum 45 % DL-Methionine: minimum 98 %	Ruminants from the beginning of rumination All animal species	<p>- animal species or category, - approval number Declarations to be made on the label or packaging of compound feedingstuffs: - the name 'By-Products from the production of L-glutamic acid' in the case of product 2.3.1; 'By-Products from the production of L-Lysine' in the case of product 2.3.2, - percentage of the total crude protein provided by non-protein nitrogen, - indication, in the instructions for use, of the level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category.</p> <p>Declarations to be made on the label or packaging of the product:</p>
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3.1.2. Dihydrated calcium salt of Nhydroxy methyl DL-Methionine, technically pure	[CH ₃ S (CH ₂) 2CH (NH ₂ OH) COO]2Ca.2H ₂ O	-	DL-Methionine: minimum 67% Formaldehyde: maximum 14% Calcium: minimum 9%	Ruminants from the beginning of rumination	- the name "DL L methionine, in the case of products 3.1.1, "Dihydrated calcium salt of Nhydroxy methyl DL-Methionine" in the case of product 3.1.2, "Zincmethionine", in the case of product 3.1.3, - DL-Methionine and moisture contents, - animal species or category in the case of products 3.1.2 and 3.1.3, - approval number Declarations to be made on the label or packaging of the product: - the name 'concentrated liquid sodium DL-Methionine' - DL-Methionine content - moisture content - approval number
3.1.3. Methioninezinc, technically pure	[CH ₃ S (CH ₂) 2CH (NH ₂) COO]2Zn	DL-Methionine: minimum 80% Zn: maximum 18, 5%		All animal species	
3.1.4. Concentrated liquid sodium DL-Methionine technically pure	(CH ₃ S (CH ₂) 2CH (NH ₂) COO) Na	-	DL-Methionine: minimum 40, 0 % Sodium: minimum 6, 2 %	Dairy cows	Declarations to be made on the label or packaging of the product: - "Protected methionine with copolymer vinylpyridine/styrene" - DL-Methionine and moisture contents - animal species - approval number
3.1.5 DL-Methionine, technically pure protected with copolymer vinylpyridine/styrene	CH ₃ S (CH ₂) 2CH (NH ₂) COOH	-	DL-Methionine: minimum 65 % copolymer vinylpyridine/styrene: maximum 3 %		

3.2. Lysine	3.2.1. L-Lysine, technically pure	$\text{NH}_2(\text{CH}_2)4\text{CH}(\text{NH}_2)\text{COOH}$	-	L-Lysine: minimum 98%	All animal species	Declarations to be made on the label or packaging of the product: - the name "L-Lysine" in the case of product 3.2.1, "Concentrated liquid L-Lysine base" in the case of product 3.2.2, "L-Lysinemonohydrochloride" in the case of product 3.2.3, "Concentrated liquid L-Lysine monohydrochloride" in the case of product 3.2.4, "L-Lysine sulphate and its By-Products from fermentation", in the case of product 3.2.5, - L-Lysine and moisture contents - approval number		
	3.2.2. Concentrated liquid L-Lysine (base)	$\text{NH}_2(\text{CH}_2)4\text{CH}(\text{NH}_2)\text{COOH}$	Saccharose, molasses, starch products and their hydrolysates	L-Lysine: minimum 60%				
	3.2.3. L-Lysinemonohydrochloride, technically pure	$\text{NH}_2(\text{CH}_2)4\text{CH}(\text{NH}_2)\text{COOH.HCl}$	-	L-Lysine: minimum 78%				
	3.2.4. Concentrated liquid L-Lysinemonohydrochloride	$-\text{NH}_2(\text{CH}_2)4\text{CH}(\text{NH}_2)\text{COOH.HCl}$	Saccharose, molasses, starch products and their hydrolysates	L-Lysine: minimum 22, 4%				
	3.2.5. L-Lysoinesulphate produced by fermentation with Corynebacterium glutamicum	$[\text{NH}_2(\text{CH}_2)4\text{CH}(\text{NH}_2)\text{COOH}]_2\text{H}_2\text{SO}_4$	Sugar syrup, molasses, cereals, starch products and their hydrolysates	L-Lysine: minimum 40%				
	3.2.6. L-Lysine phosphate and its By-Products produced by fermentation with Brevibacterium lactofermentum NRRL B11470	$[\text{NH}_2(\text{CH}_2)4\text{CH}(\text{NH}_2)\text{COOH}]$	Sucrose ammonia and fish solubles	L-Threonine minimum 98 % L-Lysine: min. 35 % Phosphorus: min. 4, 3 %			Poultry, pigs	Declarations to be made on the label or packaging of the product: - "L-Lysine and moisture content - approval number
	3.2.7. Mixtures of: (a) L-Lysinemonohydrochloride, technically pure and, (b) DL-Methionine, technically pure	$\text{NH}_2(\text{CH}_2)4\text{CH}(\text{NH}_2)\text{COOH.HCl}$ $\text{CH}_3\text{S}(\text{CH}_2)2\text{CH}(\text{NH}_2)\text{COOH}$	-	L-Lysine + DL-Methionine minimum 50 % (including DL-Methionine minimum 15 %) Copolymer			Dairy cows	Declarations to be made on the label or packaging of the product: - the name "mixture of Lysine monohydrochloride and DL-Methionine protected

	protected with copolymer vinylpyridine/ styrene				vinylpyridine/ styrene maximum 3 %		with copolymer vinylpyridine/styrene" - L-Lysine, DLmethionine and moisture contents - animal species - approval number
3.3. Threonine	3.3.1. L-Threonine, technically pure	$\text{CH}_3\text{CH}(\text{OH})\text{CH}(\text{NH}_2)\text{COOH}$	-		L-Threonine: minimum 98%	All animal species	Declarations to be made on the label or packaging of the product: - the name "L-Threonine" - L-Threonine and moisture contents - approval number
3.4. Tryptophan	3.4.1. L-Tryptophan, technically pure	$(\text{C}_8\text{H}_7\text{NH})\text{CH}_2\text{CH}(\text{NH}_2)\text{COOH}$	-		L-Tryptophan: minimum 98 %	All animal species	Declarations to be made on the label or packaging of the product: - the name: "L-Tryptophan" - L-Tryptophan and moisture contents - approval number
3.4.2. DL-Tryptophan, technically pure,	(C, H, NH) CH, CH (NH,) COOH	-	DL-Tryptophan: minimum 98 %		All animal species		Declarations to be made on the label or packaging of the product: - the name: "L-Tryptophan" - L-Tryptophan and moisture contents - approval number
4. Analogues of amino acids							

4.1. Analogues of methionine	4.1.1 Hydroxy analogue of methionine	CH ₃ S (CH ₂) ₂ CH (OH) COOH	-	Total of acids: minimum 85 % Monomer acid: minimum 65 %		All animal species Declarations to be made on the label or packaging of the product:
	4.1.2 Calcium salt of hydroxy analogue of methionine	[CH ₃ S (CH ₂) ₂ CH (OH) COO] ₂ Ca	-	Monomer acid: minimum 83 % Calcium: minimum 12 %		- if appropriate, the name (column 2), - monomer acid and total acids contents in the case of product 4.1.1 and monomer acid content in the case of product 4.1.2, - moisture content, - animal species - approval number Declarations to be made on the label or packaging of compound feeding Stuffs : - if appropriate, the name (column 2), - monomer acid and total acids contents in the case of product 4.1.1 and monomer acid content in the case of product 4.1.2, - amount of the product contained in the feedingstuff.

The contents laid down or to be declared in accordance with columns 5 and 7 refer to the product as such.

