

**Voluntary Report** – Voluntary - Public Distribution

**Date:** July 24, 2024

**Report Number:** MO2024-0011

**Report Name:** New Decree Sets Standards for Quality and Health Safety of Animal Feed

**Country:** Morocco

**Post:** Rabat

**Report Category:** FAIRS Subject Report

**Prepared By:** Mohamed Fardaoussi

**Approved By:** Benjamin Rau

**Report Highlights:**

On July 11, 2024, the government of Morocco adopted Order No. 2-23-557 dated May 14, 2024, establishing standards for the quality, health safety, and labeling of animal feed production. An unofficial translation is included in this report.

**General Information:** On July 11, 2024, the government of Morocco adopted Order No. 2-23-557 dated May 14, 2024, establishing standards for the quality, health safety, and labeling of animal feed production.

**Unofficial Translation:**

Decree [No. 2-23-557 of 5 kaada 1445 \(May 14, 2024\)](#) Relating to the Quality, Safety and Labelling of Feed for Food-Producing Animals.

(BO n°7306 of 06/06/2024, page 1571)

**The head of government,**

Having regard to law No. 28-07 relating to the health safety of food products, promulgated by order No. 110-08 of 26 Safar 1431 (February 11, 2010), its articles 5, 8, 16 and 18.

Having regard to law No. 25-08 establishing the National Food Safety Office, promulgated by order No. 1-09-20 of 22 Safar 1430 (February 18, 2009), in particular its article 2.

Having regard to law No.13-83 relating to the repression of fraud on goods, promulgated by Dahir No. 183-108 of 9 Muharram 1405 (5 October 1984), in particular its article 16.

Having regard to decree No. 2-10-473 of 7 Chaoual 1432 (September 6, 2011) taken for the application of certain provisions of law No.28-07 relating to the health safety of food products, particularly its articles 4, 5, 48, 54 and 75.

After deliberation in the Government Council, meeting on Ramadan 24, 1445 (April 4, 2024),

**DECREED:**

**First Title. - General Provisions**

**FIRST ARTICLE.** – In accordance with the provisions of articles 5, 8, 16 and 18 of the law No. 2807, this decree establishes the conditions enabling the quality and health safety of animal feed intended for animals producing food products as well as the conditions and terms of labeling of said animal feed.

**ART. 2.** – For the purposes of this decree, we understand by:

- 1) **Raw materials for animal feed:** products of plant or animal origin whose main objective is to satisfy the nutritional needs of animals, in their natural, fresh or preserved, and the derivatives of their industrial processing, as well as organic or inorganic substances, whether or not including animal feed additives, which are intended to be used for oral feeding of animals, either directly as is, or after processing, or for the preparation of food compounds for animals or as supports for premixes;
- 2) **Complete animal feed:** a compound feed for animals which, due to its composition, is sufficient to provide a daily ration.
- 3) **Milk replacer:** a compound feed for food-producing animals administered in the dry or after dilution in each quantity of liquid, intended for feeding young animals. The iron content of milk replacers, for calves with a live weight of 70 kilograms or less, reaches at least 30 milligrams per kilogram of complete animal feed reduced to a water content of 12%.
- 4) **Nutritional supplement:** simple or combined substances with a particular nutritional objective, which due to their nature, their concentration, or their conditions of use, are intended to temporarily supplement the diet of animals to meet their temporarily increased needs in certain circumstances of breeding or their life. Medicated foods are excluded.
- 5) **Mineral feed for animals:** a complementary feed consisting mainly of minerals and containing at least 40% raw ash.
- 6) **Lot:** an identifiable quantity of animal feed, which is established to have common characteristics, such as origin, variety, type of packaging, packer, shipper and labeling, and, in the case of a production process, a quantity of product manufactured in an establishment or enterprise in the animal feed sector using uniform production parameters, or more than one such quantity when produced continuously and stored together.
- 7) **Technological additive:** any substance that is not consumed as feed as such, used deliberately in the processing of feed or feed materials to meet a certain technological objective during processing or processing and which may result in the unintentional but technically unavoidable presence of residues of this substance or its derivatives in the final product, provided that these residues do not have an adverse effect on human health, animal health or the environment, and have no technological effects on the finished product;
- 8) **Support:** a substance used to dissolve, dilute, disperse, or otherwise physically modify an animal feed additive to facilitate its handling, application or use without modifying its technological function and without itself having a technological role.
- 9) **Minimum durability date:** the date until which the animal feed retains its specific properties under appropriate storage conditions.
- 10) **Labeling of animal food:** the attribution of mentions, indications, brands, images, or signs to animal food by placing this information on any support referring to or accompanying the food, such as packaging, a container, a sign, a label, a document, a ring, a collar.
- 11) **Label:** a mark, sign, image, or other description, written, printed, sanded, affixed, engraved, or applied to or accompanying the packaging or container of a feed.
- 12) **Fish meal:** processed animal proteins derived from aquatic animals, other than mammals, including farmed aquatic invertebrates.

**ART. 3.** – Without prejudice to the legislative and regulatory provisions relating to veterinary medicinal products, the provisions of this decree apply to medicated animal feed as defined by the regulations in force.

## **Title II. – Manufacturing, Handling, and Placing on the Market of Animal Feed**

### **First Chapter. – Common Provisions**

**ART. 4.** – In accordance with the regulations in force, establishments and companies manufacturing, processing, packaging, conditioning, distribution, storage, or conservation of animal feed are approved or authorized, from a health perspective.

The operators of these establishments or companies ensure the traceability of their products in accordance with the provisions of article 75 of the decree No.2-10-473.

**ART. 5.** – Water, distributed directly to animals or incorporated into animal feed, is not considered animal feed.

However, handling, treatment, or transformation operations for the manufacture of animal feed must be carried out exclusively with drinking water or clean water as defined in article 2 of the decree No.2-10-473.

**ART. 6.** – Animal feed must not contain undesirable substances exceeding the maximum limits set by the regulations in force in this area.

**ART. 7.** – The content of ash insoluble in hydrochloric acid (HCl) must not exceed 2.2% relative to the dry matter of the animal feed. However, this level may be exceeded in the foods mentioned below, provided that this level is mentioned on the label:

- Materials for animal feed;
- Compound feed containing mineral binding agents authorized by the regulations in force;
- Mineral animal feed;
- Feed containing more than 50% rice or sugar beet by-products;
- Feed for animals intended for fish species and having a fishmeal content greater than 15%.

**ART. 8.** – Does not constitute a lawful operation within the meaning of Article 16 of Law No. 13-83 mentioned above, the use for the manufacture of animal feed and for animal feeding of the substances appearing on the list set out in Annex I to this decree.

However, aquaculture animals and poultry from poultry farms can be fed processed animal protein, other than animal protein from ruminants and pigs. Processed animal proteins and the conditions for their production and use are established by decree of the government authority responsible for agriculture.

**ART. 9.** – Importers of animal feed ensure that the said feed they import meets the provisions of this decree and the requirements set out in article 48 of the decree no. 2-10-473.

Imported animal products or products of animal origin must come from animals which have not received, in their diet, the substances mentioned in Article 8 above. This is mentioned in the health documentation accompanying the products concerned.

**ART. 10.** – In accordance with the provisions of article 52 of the decree No.2-10-473, exported animal feed must meet the provisions of this decree unless otherwise provided by the authorities of the importing country or in the laws, regulations, standards, codes of practice and procedures in force in the importing country concerned.

**ART. 11.** – Technological additives appearing on the list established by order of the government authority responsible for agriculture must not be used in the manufacture of animal feed.

## **Chapter II. – Special Provisions Applicable to Certain Animal Feed**

### **Section 1. – Raw Materials**

**ART. 12.** – Raw materials for animal feed must be free of chemical impurities originating from the use, during their manufacturing process, of technological additives, unless a particular maximum content is set by the regulations in force.

Botanical impurities in raw materials for animal feed, in particular the presence of straw or straw debris or seeds of other cultivated or uncultivated species or seed residues or other similar impurities must not exceed 5% of the total weight, except in the case where a different content is fixed in the list of raw materials provided for in article 13 below.

Botanical impurities resulting from residues of non-weed seeds or oilseed fruits from a previous manufacturing process shall not exceed 0.5% of the total weight for each type of seed or oilseed fruit unless a specific content has been provided for in the list of raw materials indicated above.

The contents indicated above relate to the weight of the product as it is presented for sale or distribution free of charge.

If a raw material for animal feed is bound by another raw material for animal feed, the percentage of the latter must not exceed 3% of the total weight.

**ART. 13.** – An order from the government authority responsible for agriculture fixes:

- The list of raw materials which can be used as animal feed, including their name, their description as well as, where applicable, labeling information other than those provided for in Article 21 below and their specific content of impurity.
- The list of processes used, their description and the qualifiers of the raw material obtained.

### **Section 2. – Additives**

**ART. 14.** – Operators in the animal feed sector must only import or use for the manufacture of animal feed additives appearing on the list established in accordance with the regulations in force.

Additives are included on the list indicated above at the request of the manufacturer, importer, or distributor of said product.

The registration request is established according to the model available from the competent department of the National Food Safety Office (ONSSA) or on its website. It shall be accompanied by a file consisting of an administrative part enabling the identification of the applicant, the place of his activity as well as the origin in the event of importation, and a technical part including the information and documents relating to the identification of the additive for which registration is requested and its efficacy and safety.

An order from the government authority responsible for agriculture establishes the list of documents and information mentioned above and the procedures for registering these additives.

Additives are removed from the list if the additive is found to be harmful to human or animal health or to the environment.

Additives removed from the list are subject to withdrawal from the market in accordance with the legislation and regulations in force.

**ART. 15.** – Additives cannot be given, as such, to animals as food.

**ART. 16.** – Additives must be stored in appropriate places reserved for this purpose. The spaces thus reserved must have adequate signage.

They can only be marketed in closed packaging or containers whose closing device cannot be reused after opening.

**ART. 17.** – “Coccidiostats and histomonostats” additives, copper and selenium, vitamins A and D may be incorporated into compound feeding stuffs only if they have been previously prepared, in the form of premixes of additives containing a carrier.

These premixes may only be incorporated into compound feeds in a proportion greater than or equal to 0.2% by weight and by establishments approved for the manufacture of compound feeds from such premixes in accordance with the regulations in force.

However, these premixes can be incorporated in a lower proportion of up to 0.05% minimum, if they have a quantitative and qualitative composition allowing it.

### **Title III. – Packaging and Labeling of Animal Feed**

**ART. 18.** – For placing on the market, the animal feeding stuffs referred to in Article 2 above must be packed in adequate containers, dry, clean, and closed in such a way that the closing device is deteriorated when opening and cannot be reused. These containers must be leak-proof and have characteristics guaranteeing the maintenance of the quality and health safety of the animal feed they contain.

Containers used for the transport of animal feed must comply with the provisions of the regulations in force in this area.

When animal feed is transported in bulk, containers must be adequate, dry, and clean and, when reused, must be previously cleaned and disinfected where appropriate.

**ART. 19.** – Any animal feed may only be placed on the market if it is accompanied by documents allowing its identification and if it has labeling in accordance with the provisions of this decree.

**ART. 20.** – The labeling of animal feed includes a label affixed to the packaging or container and/or documents accompanying said feed in the case of feed transported in bulk. This labeling must include the following mandatory information:

- 1) The type of animal feed: “raw material for animal feed”, “complete animal feed” or “complementary animal feed”.
- 2) The name or company name and address of the producer or operator of the establishment or company in the animal feed sector concerned.
- 3) The name or company name and address of the importer, the country of production and the date of packaging or production when a feed, packaged and conditioned, is imported.
- 4) The health approval or authorization number of the company or establishment concerned referred to in Article 14 of the Decree No. 2-10-473.
- 5) The batch numbers.
- 6) The net quantity, expressed in mass units for solid animal feed and in mass or volume units for liquid feed; and in the case of raw materials and compound feed by the number of individual ration units contained in the packaging.
- 7) The water content when this content exceeds:
  - 5% in mineral foods not containing organic substances.
  - 7% in milk replacers and other compound feeds for animals with a dairy product content greater than 40%.
  - 10% in mineral foods containing organic substances.
  - 14% in other animal feed.



**ART. 21.** – The labeling of animal feed provided for in Article 20 above is supplemented, depending on the category of animal feed, by the following information:

**a) For Raw Materials:**

- 1) The name of the raw material as set out in the list of raw materials provided for in Article 13 above.
- 2) The mandatory notice corresponding to the category concerned indicated on the list appearing in Annex II to this decree. This mandatory notice may be replaced, if necessary, by the notices set out in the order provided for in article 13 above.
- 3) The production date for raw materials that have undergone a transformation process.
- 4) The list of additives for animal feed, preceded by the mention “additives” followed by the indication of the animal species, the instructions for use when a maximum level is set as well as the date of minimum durability of said additives.
- 5) The treatment undergone by the raw materials, the method of obtaining and the form of presentation such as “agglomerated”, “flattened”, “crushed”, “crushed” or “humidified” where applicable.
- 6) The raw materials used as “denaturant” (nature and quantity) or “binder” (nature), if applicable.

If a batch of raw materials for animal feed is split, the information provided above is included on the packaging, container or document accompanying each of the fractions of the batch with a reference to the initial batch.

**b) For Compound Feed:**

- 1) “Complete animal feed” or “complete animal milk replacer”, as the case may be.
- 2) “Complementary food for animals” and as the case may be: “mineral food” or “complementary milk replacer”.
- 3) The animal species(s) and categories of animals for which the animal feed is intended.
- 4) The analytical constituents and their contents set out in Annex III to this decree.
- 5) The name of the categories of raw materials and the mandatory information relating thereto as designated in Annex II to this decree.
- 6) The list of additives for animal feed, preceded by the mention “additives” where applicable.
- 7) The instructions for use of the feed, with sufficient detail to allow people who do not have precise knowledge of the usefulness and use of the feed, to use it safely and effectively according to the instructions intended purposes.
- 8) The minimum durability date expressed as follows:
  - “Use before...”, followed by the date (day), in the case of animal feed which is very perishable.
  - “Use preferably before...”, followed by the date (month), in the case of other foods.

When it comes to small quantities of compound feed intended for the end user, it is sufficient for these indications to be brought to the attention of the buyer by appropriate display at the point of sale.

**c) For additives, premixes and nutritional supplements containing additives.**

**c).1). For additives:**

- 1) The specific name of the additive or the commercial name.
- 2) Date of manufacture and durability.
- 3) The concentration of the active ingredient(s).
- 4) "Additive intended for animal feed".
- 5) The animal species or category of animals for which the additive is intended.
- 6) The user manual.
- 7) The other information appearing in the list provided for in Article 14 above, those relating to job security where they exist.

**c).2). For premixes:**

- 1) "Premix".
- 2) The trade name.
- 3) The specific name of each additive.
- 4) The support material.
- 5) The date of manufacture and durability determined considering the durability of the additive which has the shortest durability.
- 6) "Reserved exclusively for the manufacture of animal feed".
- 7) The animal species or category of animals for which the premix is intended.
- 8) Instructions for use and, possibly, a recommendation concerning the safety of use of the premixes.
- 9) "Silage additives" after "premix" in relation to premixes containing silage additives.

**c).3). For nutritional supplements containing additives:**

- 1) "Nutritional supplement".
- 2) The trade name.
- 3) The specific name of the additives.
- 4) The date of manufacture and durability.
- 5) "Reserved exclusively for the manufacture of animal feed".
- 6) The animal species or category of animals for which the nutritional supplement is intended.
- 7) Instructions for use and, possibly, a recommendation concerning the safety of use of the nutritional supplement.

**ART. 22.** – The information relating to animal feed included in the labeling of said feed must be clear, precise, and easily understandable. They must not:

- Mislead the buyer about the characteristics of the animal feed concerned and about its nature, its identity, its qualities, its composition, its quantity, its validity period, the country of origin or the place of origin of said animal feed, or on its method of manufacture.
- Attribute to the animal feed effects, characteristics or properties that it does not possess.
- Report properties of prevention, treatment, or cure of a disease.
- Make people believe that the animal food has characteristics when all similar foods have these same characteristics.
- Suggest in particular by means of appearance, description or graphic representation, the presence of a specific ingredient when it concerns animal food in which this ingredient is naturally present or normally used for substituting any other ingredients.

Furthermore, the labeling and presentation of animal feed must not include claims drawing attention to the presence or absence of a substance present in the said feed, to a particular nutritional characteristic or process or on a specific function linked to one of these elements, except in the following cases:

- a) The claim is objective, verifiable by the competent ONSSA services and understandable for the user of the animal feed.
- b) The person responsible for labeling in the establishment or company in the animal feed sector concerned provides, at the request of the competent ONSSA services, scientific proof of the claim, by referring either to scientific data accessible to the public, or to documented research that it has carried out.

**ART. 23.** – The labeling information provided for in Articles 20 and 21 above which must appear on the label are affixed using a process making them indelible and are placed in a conspicuous place to be immediately visible.

These mentions must be grouped together in the same visual field and must not be hidden, veiled or truncated.

They must be written in Arabic and possibly in one or more other languages, and must be indicated in a color, font, and size such that no part of said information is hidden or highlighted, except in the case where it is to draw attention to a warning.

They are expressed using words and numbers and may include pictograms or symbols when the use of these does not interfere with the proper understanding of the information they express.

This mandatory information must be printed in a character whose height is proportional to the size of the container.

**ART. 24.** – The contents indicated in the labeling refer to the weight of the animal feed. The numerical indication of dates follows the following order: day, month and year, its structure appears on the label using the following abbreviation: “DD /MM/YY”.

The instructions for use of complementary animal feed and animal feed raw materials containing additives in proportions higher than the maximum levels set for complete animal feed specify the maximum quantity:

- In grams or kilograms or volume units of complementary feed and feed materials per animal per day, or
- As a percentage of the daily ration, or
- In kilograms of complete animal feed or as a percentage of complete animal feed, so as to ensure compliance with the respective maximum levels of feed additives in the daily ration.

**ART. 25.** – Information other than the mandatory information or the claims provided for by this decree carried on containers or labels must be clearly separated from the said information. They must neither contradict them nor modify their scope and must relate to objective or measurable elements that can be justified.

**ART. 26.** – The tolerances allowed for deviations between the values relating to the analytical constituents of animal feed mentioned in the labeling and the values resulting from the analyzes carried out following an inspection carried out by the competent services of the ONSSA are set out in Annex IV to this decree.

#### **Title IV. – Final and Transitional Provisions**

**ART. 27.** – The provisions of this decree come into force six (6) months after the date of its publication in the Official Bulletin.

However, the provisions requiring implementing orders come into force from the effective date of the said orders.

Are repealed:

- The decree of Ramadan 9, 1365 (August 7, 1946) relating to the control of the sale of compound feed intended for livestock.
- Decree No. 2-63-253 of 29 Safar 1383 (July 22, 1963) prohibiting the use of arsenical, antimonial or estrogen substances for the feeding and breeding of certain animals as amended and completed.
- Decree No. 2-05-84 of 29 Chaoual 1426 (December 2, 2005) setting the conditions to which imported milk replacers intended for animal feed must meet, as amended.

**ART. 28.** – The Minister of Agriculture, Maritime Fisheries, Rural Development and Water and Forests is responsible for the execution of this decree which will be published in the *Official Bulletin*.

**Done in Rabat, 5 kaada 1445 (May 14, 2024)**

**The Head of Government, A ZIZ A KHANNOUCH**

**FOR COUNTERSEING :**

**The Minister of Agriculture , Maritime Fisheries, Rural  
Development and Water and Forests, M OHAMMED S ADIKI .**

**Annexes to decree No.2-23-557 of 5 Kaada 1445 (May 14, 2024) Relating to the Quality, Safety and Labelling of Feed for Food-Producing Animals.**

\*\_\*\_\*\_\*

**ANNEX I**

**LIST OF PROHIBITED SUBSTANCES**

**(Article 8)**

- 1- Feces, urine as well as the contents of the digestive system, regardless of the mixture made or the nature of the treatment to which they were subjected.
- 2- Leather, leather waste and treated hides.
- 3- Seeds, plants, and other plant propagation materials which after harvest have undergone treatment with phytopharmaceutical products due to their destination, as well as their derivatives.
- 4- Wood, sawdust, and wood products.
- 5- Sludge from sewage treatment plants treating wastewater.
- 6- Household and similar waste.
- 7- Animal proteins, except animal proteins derived from the following products:
  - a- milk, milk products and colostrum.
  - b- eggs and eggs products.
  - c- c- fish meal.
- 8- Gelatin from ruminants.
- 9- Meat, bone, and blood meals.
- 10- Blood products.
- 11- Dicalcium phosphate and tricalcium phosphate of animal origin.
- 12- Fats of animal origin other than those of butter origin.
- 13- Other substances prohibited in accordance with current regulations.

**ANNEX II**  
**NAMES AND COMPULSORY PARTICULARS OF THE CATEGORIES OF FEEDING**  
**(Article 21)**

	<b>Category of raw materials for animal feed</b>		<b>Mandatory information</b>
1.	Fodder, including roughage	-	% dry matter - Crude protein, if > 10 % - Crude fiber,
		-	Starch for cereal silage
2.	Cereal grains	-	
3.	Cereal grain products and by-products	-	Starch, if > 20% - Crude protein, if > 10% - Crude fat, if > 5%
		-	Crude fiber
4.	Oleaginous seeds or fruits	-	
5.	Products and by-products of oilseeds or fruits	-	Crude protein, if > 10% - Crude fat, if > 5 % - Crude fiber
6.	Legume seeds	-	
7.	Legume seed products and by-products	-	Crude protein, if > 10 % - Crude fiber
8.	Tubers and roots	-	
9.	Tuber and root products and by-products	-	Starch, - Crude fiber, - Ashes insoluble in HCl, if > 3.5% dry matter
10.	Products and by-products of sugar beet processing	-	Crude fiber, if > 15% - Total sugars calculated as sucrose, - Ashes insoluble in HCl, if > 3.5% dry matter
11.	Products and by-products of sugarcane processing	-	Crude fiber, if > 15% - Total sugars calculated as sucrose
12.	Other seeds and fruits, their products, and by-products, except those mentioned in points 2 to 7	-	Raw protein, - Crude fiber - Crude fat, if > 10%
13.	Other plants, their products, and by-products, except those mentioned in points 8 to 11	-	Crude protein, if > 10 % - Crude fiber
14.	Dairy products and by-products	-	Raw protein, - Humidity, if > 5%

		-	Lactose, if > 10%
15.	Egg products and by-products	-	Crude protein, if > 10%
		-	Crude fat, if > 5%
		-	Humidity, if > 8%
16.	Fish, other marine animals, their products, and by-products	-	Crude protein, if > 10%
		-	Crude fat, if > 5%
		-	Humidity, if > 8%
17.	Minerals	-	Calcium,
		-	Sodium,
		-	Phosphorus,
		-	Other relevant minerals
18.	Others	-	Crude protein, if > 10%
		-	Crude fiber,
		-	Crude fat, if > 10%
		-	Starch, if > 30%
		-	Total sugars calculated as sucrose, if > 10%
		-	Ashes insoluble in HCl, if > 3.5% dry matter

### ANNEX III

#### ANALYTICAL CONSTITUENTS OF COMPOUND FEED INTENDED FOR FOOD PRODUCING ANIMALS.

(Article 21)

Food for animals	Analytical constituents and contents	Target species
Complete animal feed	<ul style="list-style-type: none"> <li>- Crude protein</li> <li>- Crude fiber</li> <li>- Crude fat</li> <li>- Raw ashes</li> <li>- Lysine</li> <li>- Methionine</li> <li>- Calcium</li> <li>- Phosphorus</li> <li>- Vitamin A</li> <li>- Vitamin D3</li> <li>- Vitamin E</li> </ul>	<ul style="list-style-type: none"> <li>- All species</li> <li>- All species</li> <li>- All species</li> <li>- All species</li> <li>- Pigs and poultry</li> <li>- Pigs and poultry</li> <li>- All species</li> <li>- All species</li> <li>- All species</li> <li>- All species</li> <li>- All species</li> </ul>



Complementary food for animals: mineral food	<ul style="list-style-type: none"> <li>- Lysine</li> <li>- Methionine</li> <li>- Calcium</li> <li>- Sodium</li> <li>- Phosphorus</li> <li>- Magnesium</li> <li>- Vitamin A</li> <li>- Vitamin D3</li> <li>- Vitamin E</li> </ul>	<ul style="list-style-type: none"> <li>- Pigs and poultry</li> <li>- Pigs and poultry</li> <li>- All species</li> <li>- Ruminants</li> <li>- All species</li> <li>- Ruminants</li> <li>- All species</li> <li>- All species</li> <li>- All species</li> </ul>
Complementary food for animals: other	<ul style="list-style-type: none"> <li>- Crude protein</li> <li>- Crude fiber</li> <li>- Crude fat</li> <li>- Raw ashes</li> <li>- Lysine</li> <li>- Methionine</li> <li>- Calcium <math>\geq 5\%</math> (*)</li> <li>- Phosphorus <math>\geq 2\%</math> (*)</li> <li>- Magnesium <math>\geq 0.5\%</math> (*)</li> </ul>	<ul style="list-style-type: none"> <li>- All species</li> <li>- All species</li> <li>- All species</li> <li>- All species</li> <li>- Pigs and poultry</li> <li>- Pigs and poultry</li> <li>- All species</li> <li>- All species</li> <li>- Ruminants</li> </ul>

(\*) analytical constituent to be mentioned in the labeling if the content is greater than or equal to the indicated value.

- Amino acids, vitamins and/or trace elements are indicated for their total quantity.
- The energy value and/or protein value are indicated according to the method(s) in force.

#### ANNEX IV

### TOLERANCES ALLOWED FOR DEVIATIONS OBSERVED BETWEEN THE VALUES MENTIONED IN THE LABELING AND THE VALUES RESULTING FROM THE ANALYZES.

#### (Article 26)

#### **Part A: Tolerances Applicable to Analytical Constituents/Raw Materials and Compound Feeds**

If a discrepancy is noted between the composition of a raw material or compound food and the value indicated in the labeling, the applicable tolerances are as follows:

Component	Content mentioned <sup>1</sup>	Tolerance <sup>2</sup>	
		Below the indicated value	Above the indicated value
Crude fat	< 8	1	2
	8-24	12.5%	25%
	> 24	3	6
Crude protein	< 8	1	1
	8-24	12.5%	12.5%
	> 24	3	3
Raw ashes	< 8	2	1
	8-32	25%	12.5%
	> 32	8	4
Crude fiber	<10	1.75	1.75
	10-20	17.5%	17.5%
	> 20	3.5	3.5
Sugars	<10	1.75	3.5
	10-20	17.5%	35%
	> 20	3.5	7
Starch	<10	3.5	3.5
	10-20	35%	35%
	> 20	7	7
Calcium	< 1	0.3	0.6
	1-5	30 %	60%
	> 5	1.5	3
Magnesium	< 1	0.3	0.6
	1-5	30 %	60%
	> 5	1.5	3
Sodium	< 1	0.3	0.6
	1-5	30 %	60%
	> 5	1.5	3
Total phosphorus	< 1	0.3	0.3
	1-5	30 %	30 %
	> 5	1.5	1.5
Ashes insoluble in hydrochloric acid	< 1	No limit is set	0.3

<sup>1</sup>Analyzes are carried out in accordance with current regulations.

<sup>2</sup>Tolerances are given as an absolute or relative value, followed by the “%” symbol. This percentage is applied to the content mentioned for calculating the difference.

	1-5		30 %
	> 5		1.5
Potassium	< 1	0.2	0.4
	1-5	20%	40%
	> 5	1	2
Humidity	<2	No limit is set	0.4
	2-< 5		20%
	5-12.5		1
	> 12.5		8
Energetic value	-	5%	10%

### **Part B: Tolerances Applicable to Additives.**

1- If it is noted that the content of an additive in a raw material or compound feed is lower than the content mentioned in the labeling, the applicable tolerances are as follows <sup>3</sup>:

- a- 10% of the mentioned content if this is equal to or greater than 1,000 units.
- b- 100 units if the content mentioned is less than 1000 units (up to 500 units).
- c- 20% of the content mentioned if it is less than 500 units (up to 1 unit).
- d- 0.2 unit if the content mentioned is less than 1 unit (up to 0.5 unit).
- e- 40% of the mentioned content if it is less than 0.5 units.

2- Where the minimum and/or maximum content of an additive in a raw material or compound feeding stuffs is specified in the regulations in force relating to feed additives, the tolerances laid down in point 1 above shall apply only to above the minimum level or below the maximum level.

3- If the maximum level fixed for each additive referred to in point 2 is not exceeded, the upward deviation from the level mentioned in the labelling may be up to three times the corresponding tolerance established in point 1 above. However, in the case of feed additives belonging to the category of micro-organisms, if a maximum level is established in the above-mentioned regulations, this level constitutes the acceptable upper limit.

---

<sup>3</sup>Under this point, 1 unit corresponds, as appropriate, to 1 mg, 1000 IU,  $1 \times 10^9$  CFU or 100 enzymatic activity units of the feed additive concerned per kg of feed.

**Attachments:**

[Decree 24\\_04519\\_00\\_Frensh Version.pdf](#)

[WTO Notification MAR97.pdf](#)