

*GMP+ Feed Safety Assurance scheme*

## **Definitions and abbreviations**

**A**

### **GMP+ A2**

**2**

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# 1 Introduction

## 1.1 General

The GMP+ Feed Safety Assurance scheme (GMP+ FSA) has been developed since 1992. It was managed from 1992 up until 2009 by the Product Board Animal Feed, The Hague, The Netherlands. Since 2010, this scheme is managed by GMP+ International.

It is a scheme for assuring feed safety in all the links in the feed chain. It is also an international scheme, applicable worldwide.

The establishment and development of the scheme was primarily the result of demand from the subsequent links in the animal production chain for better control of feed safety. Another contributory factor was the damage caused by more and less serious contamination incidents.

In the initial phase the demand arose for better differentiation in an increasingly saturated European sales market for animal products. Since 1999, feed & food safety has been a top issue internationally both politically and commercially, because of serious incidents in the feed sector. Because of this, demonstrable assurance of feed safety has become a sales prerequisite.

The basic principle of the GMP+ FSA scheme is that the feed chain is part of the whole animal production chain. Proper assurance of feed safety worldwide is a high priority. Companies must live up to their responsibilities and respond properly and convincingly to the needs of animal production. The GMP+ Feed Safety Assurance scheme is an aid to realise this.

## 1.2 Structure of the GMP+ FSA schema

The documents within the GMP+ FSA scheme are subdivided into a number of series. A description follows of these:

<b>A</b> General (framework) documents		These documents contain the requirements for participation in the certification scheme for companies and certification bodies (framework regulation, the use of logo's, etc.). This series also includes a general list of definitions and abbreviations.
<b>Document</b> ⇒ Standard	<b>Code</b> GMP+ Axx	<b>Name</b> e.g. GMP+ A2 <i>Definitions and Abbreviations</i>
<b>B</b> Normative documents		These documents contain the international standards and additional country notes for use by companies with respect to the various feed products and production phases including cultivation and industrial production, treatment and

processing, collection, trade, means of transport, storage and transshipment.

These documents are divided in several subgroups, with a code and a name

Document	Code	Name
⇒ Standard	GMP+ Bxx	
⇒ Appendix	GMP+ BAxx	
⇒ Country Note	GMP+ BCNxx	

### **C** Certification requirements

These documents contain the Rules of Certification including those for the approval of certification bodies and auditors, the frequency of audits, minimum audit time, assessment criteria, checklists, etc. There is also an explanation of how the supervision by certification bodies is implemented and of how GMP+ International supervises the certification process..

### **D** Interpretations and accompanying texts

In addition to the above-mentioned normative documents, there are also supporting documents in the D series including a list of frequently-asked questions, manuals and guidances with additional information.

All these documents are available on the website of GMP+ International ([www.gmpplus.org](http://www.gmpplus.org)).

The document in the present case is referred to as standard GMP+ A2 *Definitions and Abbreviations* and is part of the GMP+ FSA scheme.

## **1.3 Scope and application of this standard**

This standard contains the definitions and abbreviations used in the documents of the GMP+ FSA scheme.

## **2 Terminology**

In addition to the definitions mentioned in other standards of the GMP+ FSA scheme the following terms have the following meanings:

Term	Description	Explanatory Note
1. Action value	A value for the product or process parameter in question derived from a rejection value. If this value is exceeded then an investigation into the cause should be undertaken and corrective measures should be taken to remove or control that cause.	

Term	Description	Explanatory Note
2. Additives	Substances, micro-organisms and preparations which are not feed materials or premixes and which are added deliberately to animal feed or water with the intention of achieving one or more of the following functions. The additive must: a) favourably influence the characteristics of the animal feed, b) favourably influence the characteristics of animal products, c) favourably influence the colours of decorative fish and birds, d) comply with the nutritional requirements of animals, e) favourably influence the environmental effect of animal production, f) favourably influence animal production, performance or welfare especially by working on the stomach and intestinal bacteria or on the digestibility of the animal feeds, or g) bring about a coccidiostatic or histomonostatic effect	Processing aids as specified in this list of definitions do not fall within the scope of the definition.
3. Animal feed legislation	The laws, orders and administrative provisions relating to animal feeds in general and the safety of animal feeds in particular at both the community and national levels; it covers each stage of the production, processing, distribution and use of animal feeds.	
4. Feed (or "Feedingstuff")	Any substance or product, including additives, whether processed, partially processed or unprocessed, intended to be used for oral feeding to animals;	This includes feed materials, premixes, additives, semi-manufactured products, compound feeds or products which may be designated as such following a processing operation.
5. Animals	The animals belonging to those types which are normally kept by humans and fed and/or eaten	
6. Batch	Amount of a product which forms a unit and for which it may be assumed that it has uniform characteristics.	
7. Brokerage	Activity in which products intended for delivery to livestock holders are bought and sold. No labels or accompanying documentation is modified and there is no interim storage in bulk and no bulk transport takes place. Animal feeds are mostly only taken from a single manufacturer	
8. Carry-over	Components, processed in a product, that remain behind to a certain degree in the production process as a result of which they end up in the next batch of product.	
9. CCP (Critical Control Point)	A point, step or procedure for which it is of vital importance that specific control measures are applied to prevent or	

Term	Description	Explanatory Note
	eliminate hazards or to reduce them or control them at an acceptable level	
10. Coefficient	A safety factor by which the carry-over percentage is multiplied. Is derived from the relative wall adhesion factor	The coefficient discounts unknown processing qualities of additives and veterinary medical products. These are (possibly) not measured using the method by which the own installation carry-over is measured
11. Collection	The collection of vegetable primary products. In addition to collection this includes activities which are necessary to make collection possible including especially planning, purchasing, transport, storage, simple physical handling, delivery and suchlike. This is referred to hereafter by the term 'collection'.	
12. Collective logo's	The joint logo as specified in GMP+ A3 <i>Logo's GMP+</i>	
13. Company	A technical/organisational unit participating in the economy and carrying out activities in relation to the storage or transshipment, processing or reprocessing, production, trade or transportation of feedstuffs	
14. Company location	Unit where an entrepreneur carries out activities related to animal feeds	
15. Compound feeds	Mixes of at least 2 feed materials, with or without additives, to be used for feeds in the form of complete animal feeds or supplementary feeds Also included are: - mineral mixes - milk replacement feeds - molasses feeds - diet feeds	The GMP+ FSA scheme also includes within the scope of this definition mixes of feed materials (including wet mixes) which are intended as such for feeding. Supplied either directly to a livestock holder or via a broker. Medicated compound feeds also belong to the compound feeds
16. Conditional non-compliant products	Products which are not of usual trading quality	
17. Contractor	Company which carries out certain activities for another company on a contract basis. A contractor is not a legal owner of a product and works under the responsibility of a principal. A contractor therefore is a service provider	Within the GMP+ FSA scheme this is primarily agricultural contracting at a primary company and the activities of the contractor are guaranteed within the GMP+ certification of the primary company where the activities are carried out.

<b>Term</b>	<b>Description</b>	<b>Explanatory Note</b>
18. Control measure	Any action or activity which is used to prevent or eliminate hazards or to reduce them and control them at an acceptable level. General control measure: A measure to control a specific part of the basic programme of requirements. Specific control measure: A measure to control a critical control point (CCP)	
19. Corrective action(s)	The action(s) which must be undertaken when the monitoring system for the critical control point indicate that this item is no longer controlled	
20. Corrective measure	Measure to rectify an observed non-conformity or other undesirable situation	
21. Critical additive	A permitted additive of which traces may remain in animal products	
22. Critical control point	See CCP	
23. Critical veterinary medical product	A permitted veterinary medical product of which traces may remain in animal products	
24. Cultivator	An organisation which cultivates crops.	
25. Feed materials	Products of vegetable or animal origin in their natural state, fresh or preserved and the derived products from their industrial processing and organic or inorganic substances with or without additives, to be used in feed, either as they are or after treatment, for the preparation of compound feeds or as carriers in premixes.	
26. Database Risk Assessments of Feed Materials	The database of GMP+ International containing generic risk assessments of feed materials	The assessment is focused on the risks for feed / food safety
27. Feed safety	The characteristics of additives and veterinary medicines, premixes, fodder and animal feed that: a. are laid down in legislation for the benefit of the safety of the animal, the consumer of foodstuffs of animal origin, and/or the environmental legislation (in the European Union and supplementary national legislation), b. as a supplement to a) are formulated by a national GMP+ committee and stipulated in an additional GMP+ country note.	

Term	Description	Explanatory Note
28. Flush batch	A batch of compound feed or feed material intended to remove any residues from the previous batch (with for example a (critical) additive or veterinary medical product) from the installation	<p>1. A flush batch may be a compound feed.</p> <p>2. This compound feed must in any event be a different compound feed than the one for which a maximum carry-over level has been laid down in the list of recognised additives and veterinary medicines</p> <p>3. It must not be a compound feed destined for milk-producing or egg-laying animals, or animals that are about to be delivered for slaughter</p> <p>4. The requirements under 2 are more compelling in this respect than that stated under 3</p>
29. Foodstuff	All substances and products, processed, partially processed or unprocessed, which are intended for consumption by humans or where it may be reasonably expected that they will be consumed by humans	
30. List of critical additives and veterinary medical products	List of additives and veterinary medicines for processing in animal feed drawn up by GMP+ International, of which the processing qualities are satisfactory and sufficiently known. It is indicated per substance what level of residue is still acceptable in: <ul style="list-style-type: none"> <li>* animal feeds for non-target animals</li> <li>* animal products from non-target animals and</li> <li>* animal products from target animals</li> </ul>	
31. List of prohibited products	List of products of which the circulation and use in animal feed is prohibited as specified in GMP+ BA3 <i>Minimum Requirements Negative List</i>	
32. Monitoring	The planned measurement or observation of product parameters in order to establish whether the specific and general control points are controlled	
33. Non-conformity	Non-compliance with a requirement	
34. Non-target animal	Animal for which a particular additive or veterinary medical product is <u>not</u> intended	
35. Organisation	A natural or legal person or group of people or legal bodies with a classification of responsibilities, authority and other relationships	

<b>Term</b>	<b>Description</b>	<b>Explanatory Note</b>
36. Pet animals	The animals belonging to those types which are normally kept and fed by humans where the following applies - Products from these animals are not intended for human consumption, and/or - these animals are not kept professionally to obtain products for human consumption and/or human usage	
37. Pet food	Pet food: Feed for pets Where within the GMP+ regulation the following applies; Pets are animals belonging to those types which are normally kept and fed by humans where the following applies * Products of pet animals are not intended for human consumption. * Pet animals are animals which are not professionally kept to obtain products for human consumption or human usage	
38. Physical handling	Any activity whereby changes to the characteristics may occur or which may change the characteristics of a product	Within the GMP+ FSA scheme this means, among other things: drying, cleaning, mixing of products, packaging or repackaging, storage of bulk products, transport, storage and transshipment and contract work
39. Premixes	Mixes of additives or mixes of one or more additives using a carrier of feed materials or water which are not intended for direct feeding to animals	
40. Prerequisite programme	Each specified and documented activity or facility which is implemented in accordance with the "Codex General Requirements of Food Hygiene", the GMP+ FSA scheme and the applicable feed legislation with the aim of creating the prerequisites which are necessary for the production of safe feed in all stages of the feed chain	
41. Primary production of animal feeds	The production of agricultural products especially cultivation, harvesting, milking, breeding of animals (prior to slaughter) or fishing where only products are obtained which are not subject to any other operations after harvesting, collection or catching than a simple physical handling	
42. Procedure	A specified method of working for the carrying out of an activity or a process	If in the GMP+ FSA scheme the term 'documented procedure' is used, then this means that this procedure has been set up, documented, implemented and maintained. The documentation may be

Term	Description	Explanatory Note
		on any form or type of media.
43. Processing aids	Substances which are themselves not consumed as animal feed but which are deliberately used in the processing of animal feeds or feed materials in order to meet a technical objective during the treatment or handling which may lead to the unintended but technically unavoidable presence of these substances or their derivatives in the end product as long as the residues have no unfavourable consequences for animal health, human health or the environment and no technological effect on the end product	
44. Products (or animal feed products)	All substances intended for use as, or processed in, feed for animals.	Within the GMP+ FSA scheme the scope of this definition includes animal feeds and also, for example, veterinary medicinal products and processing aids
45. Purchaser	Organisation or person who receives a product or service	
46. Putting into circulation ("circulation")	The possession of products intended for sale including offering for sale or any form of transfer whether or not for a price to third parties including sale or the other forms of transfer	
47. Rejection value	A value which designates the line between an acceptable and an unacceptable product. If this limit is exceeded then the product is not suitable for use as feed material or animal feed	
48. Relative wall adhesion factor	The relative wall adhesion factor (W) is the relationship between the level of active substance in mixture residue of the active substance and another powdery product remaining behind after mixing in a properly specified vessel under the conditions described in this working instruction followed by the emptying of the vessel, and the level of a reference substance in residue of a mixture of this reference substance and the same powdery product remaining after mixing under the conditions of this working instruction and then emptying the similarly specified vessel.	Is determined using the method mentioned in GMP+ BA4 <i>Minimum Requirements for Sampling and Analysis</i>
49. Replacement feed proteins	Products intended for feeding which are manufactured as such or are processed in feeds in accordance with certain technical procedures with the intention of direct or indirect provision of protein. These products fall under Directive 82/471 and these are the proteins ob-	

Term	Description	Explanatory Note
	tained from bacteria, yeast, algae and filamentous moulds.	
50. Residue formation	The appearance of residues of additives and veterinary medicines in animal feed as a result of carry over. In addition the residue / accumulation of additives and veterinary medicines in animal products (milk, meat and eggs) of non-target animals and target animals through transfer from animal feeds.	
51. Risk	The probability of a particular potential danger (hazard) having a negative effect.	
52. Road transport	The carrying of animal feeds by road for one's own company or for third parties. In addition to physical transport this includes all the activities required to make the transportation possible including planning, purchasing, cleaning and documentation.	
53. Semi-manufactured product	Mix of at least 2 feed materials which may or may not be additives intended for processing in compound feed or intended for use as a carrier in a premix.	The scope of this definition does not include within the GMP+ FSA scheme: mixtures of feed materials (including wet mixes) intended for feeding as such. Supplied either directly to a live-stock holder or via a broker. These products fall under the scope of the definition of compound feeds
54. Service	The carrying out of actions on behalf of third parties	Within the GMP+ FSA scheme this means, among other things: * external carrier * storage and transhipment company * contract worker, laboratory, pest control, silo cleaning, broker, factor, charterer
55. Simple physical operation	Examples are the following operations or treatments: drying, cleaning, silage, making bales/packaging, chopping.	
56. Storage and transhipment	The transhipment or storage of feeds for a particular period of time. In addition to the storage and transhipment itself this also includes activities necessary to make storage and transhipment possible such as planning, purchasing, cleaning, etc.	
57. Supplier	Organisation or person who provides products or services	

<b>Term</b>	<b>Description</b>	<b>Explanatory Note</b>
58. Supplier review	the whole process of selection, assessment approval and periodic evaluation of the supplier and any supply chain(s) by the participant (= the customer)	
59. Target animal	Animal for which a particular additive or veterinary medicine is intended.	
60. Trade	Activity where products are bought and/or sold	
61. Undesirable substances	All substances and products with the exception of pathogens which are present in or on the product which is intended for feeding to animals and which is a potential hazard for the health of humans, animals and/or the environment or which could adversely affect animal production	
62. Undesirable substances databank (DOS)	The database of the Product Board in which analysis results relating to the presence of undesirable substances and products in animal feed (materials) is included.	
63. Validate	The (prior) establishing that the specific and general control measures of the HACCP plan are effective and show that the intended effect is actually achieved in practice	
64. Vegetable primary products	Vegetable products produced during primary production	
65. Verify	The (later) application of methods, procedures, inspections and testing to determine that production takes place in accordance with the specifications and that the HACCP system functions as intended	
66. Veterinary medical product	Any simple or compound substance, presented as having therapeutic or prophylactic properties with respect to illness in an animal. Any simple or compound substance which can be administered to an animal in order to establish a medical diagnosis or to restore, improve or modify organic functions in an animal will also be considered to be a medication.	