



Minimum Requirements for Purchasing

GMP+ BA 10

Version EN: 15th of December 2020

GMP+ Feed Certification scheme



History of the document

Revision no. / Date of approval	Amendment	Concerns	Final implementation date
0.0 / 01-2010	Previous versions can be found in History		01-01-2010
0.1 / 03-2010			01-07-2010
0.2 / 07-2010			09-07-2010
0.3 / 09-2010			05-08-2010
0.4 / 07-2011			14-07-2011
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0.5 / 11-2012			01-03-2013
0.6 / 01-2013			01-04-2013
1.0 / 06-2014	Editorial changes: All editorial changes are put together in a fact-sheet	Entire Document	01-10-2014
	Accepted certification schemes for growers are deleted. Gatekeeper protocol for growers must be applied.	3	01-10-2015
	The GMP+ B6 will be removed from the Feed Certification scheme per 31-12-2015	3	01-10-2014
	Gatekeeper protocol for purchase of unprocessed agricultural products from the grower is adapted	Annex 4	01-10-2015
	Gatekeeper protocol (former) foodstuff is added	Annex 6	01-01-2015
	Gatekeeper protocol for transport is adapted.	Annex 9	01-10-2014
	Gatekeeper protocol for storage and transshipment is added.	Annex 10	01-01-2016
	Mutual recognition with TP, EFISC and Gafta have been implemented	3.4.1/ appendix 1	1-10-2014
	Purchase requirements for mineral feed materials are adjusted	3.4.1	1-10-2014
1.1 / 06-2014	Rename GMP+ BA1 <i>Specific Feed Safety Limits</i>	Entire document	01-01-2015
1.1 / 04-2015	By mistake not corrected term <i>untreated</i> into <i>unprocessed</i>	Annex 5 Annex 9	01-01-2015
2.0 / 11-2015	France is included in the list of the A-countries.	Annex 9	01-01-2017
	Editorial correction of the table.	Annex 9 3	01-04-2016
	Clarification that the period of 90 days may also concern 90 non-consecutive days.	Annex 9 5.1	01-01-2017
3.0 / 09-2016	Gatekeeper protocol for purchase of unprocessed agricultural products from the grower is also applicable for purchase of hay and straw from a grower-collector	Annex 4	01-03-2017
	With amendment of Annex 4, Annex 8 has become redundant and shall be deleted.	Annex 8	01-03-2017
	Gatekeeper protocol for transport of hay and straw: - The list of A-countries is not relevant - inspection of whether the loading compartment is clean and dry can be carried out at the loading site	Annex 9 A 5.2	01-03-2017
	Gatekeeper protocol for inland waterway transport is added	Annex 9 Section B (new)	01-03-2017
4.0 / 05-2018	Additional requirements FAMI-QS added	3	01-07-2018

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Revision no. / Date of approval	Amendment	Concerns	Final implementation date
	Mutual recognition with and AMA-Marketing (pastus+) has been implemented	3	01-07-2018
	Mutual recognition with Oqualim (OQUALIM-RCNA) has been implemented	3	01-07-2018
	Requirements for laboratories are amended. This is related to introduction of Registered Laboratories.	3.9	01-07-2019
	Italy is deleted from the list of original countries of origin Monitoring parameters are adapted Link is added to GMP+ BA10, chapter 3.9 related to the changed requirements for laboratories.	Annex 5	01-10-2018 01-07-2019
	Definitions and scope are updated Requirements are adapted or laid down in more clear way for suppliers evaluation, sampling and monitoring, witness audit and resell	Annex 6	01-10-2018
	Several editorial changes The max. FFA level is slightly increased Link is added to GMP+ BA10, chapter 3.9 related to the changed requirements for laboratories.	Annex 7	01-07-2018 01-07-2019
	Gatekeeper protocol for purchase of straw is deleted	Annex 8	01-07-2019
	Several editorial changes Austria is added to the list of A-countries	Annex 9 Section A and B	01-01-2019
5.0 / 03-2019	By mistake the FAMI-QS Letter of Approval was mentioned for purchase of additives. GTAS is deleted as accepted scheme. Use of external 'for foodstuffs only' loading compartments is added. Annex 6: Annex 2 FSDS is moved to GMP+ D2.6 <i>Guidance documents for specific GMP+ application</i> Annex 9: Annex hay/straw is moved to GMP+ D2.6 <i>Guidance documents for specific GMP+ application</i> Mutual recognition with Oqualim (OQUALIM-RCNA) has been adapted	3.3 3.4/3.6/3.7 Annex 1 3.7 Annex 6 Annex 9 3	01-04-2019
6.0 / 06-2019	Requirements for Laboratory testing of critical contaminants has been amended.	3.9	01-07-2019

Revision no. / Date of approval	Amendment	Concerns	Final implementation date
7.0 / 06-2019	Annex 4; introduction of the possibility of benchmarking schemes	Annex 4	27-06-2019
7.1 / 10-2019	Clarification scopes EFISC – GTP	Chapter 3	23-10-2019
8.0/ 02-2020	Clarification of accepted scopes and additional requirements for OQUALIM and FAMI-QS	Chapter 3	15-3-2020
	New gatekeeper protocols have been added. This concerns purchase of: <ul style="list-style-type: none"> - Pharma products - Herbs and spices - Processed feed materials - Feed for feed trial A number of requirements for several already existing gatekeeper protocols are updated. For details see also the GMP+ BA10 -FAQ list and the newsletter.	Chapter 4	1-1-2021
9.0 / 11-2020	Designation, indicating accepted NAO companies, is updated	3.4.2	15-12-2020
	Requirement is added that an external transport by rail does not have to be certified. This is in line with requirement in GMP+ B4 Transport.	3.6	15-12-2020
	Requirements for analysis of mercury and fluorine in feed additives and premixtures are updated	3.8	15-12-2020
	Approval of several laboratory quality assurance systems will cease: <ul style="list-style-type: none"> - ISO 9001 certified laboratories - Laboratories with other quality assurance systems then GMP+ B10 or ISO17025 	3.8	01-07-2022
	By-products from the oil- and fat industry which cannot be purchased under a gatekeeper protocol are specified in more clear way	4.2	15-12-2020
	Clarification of the check of 3 previous loads	4.4.1 4.4.2	15-12-2020

Editorial note:

All changes in this version of the document are made visible. This is how you can recognize:

- New text
- Old text

The changes must be implemented by the participant latest at the final implementation date.

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1 Introduction

1.1 General

The GMP+ Feed Certification scheme was initiated and developed in 1992 by the Dutch feed industry in response to various more or less serious incidents involving contamination in feed materials. Although it started as a national scheme, it has developed to become an international scheme that is managed by GMP+ International in collaboration with various international stakeholders.

Even though the GMP+ Feed Certification scheme originated from a feed safety perspective, in 2013 the first feed responsibility standard has been published. For this purpose, two modules are created: GMP+ Feed Safety Assurance (focussed on feed safety) and GMP+ Feed Responsibility Assurance (focussed on responsible feed).

GMP+ Feed Safety Assurance is a complete module with standards for the assurance of feed safety in all the links of the feed chain. Demonstrable assurance of feed safety is a 'license to sell' in many countries and markets and participation in the GMP+ FSA module can facilitate this excellently. Based on needs in practice, multiple components have been integrated into the GMP+ FSA standards, such as requirements for a feed safety management system, for application of HACCP principles, for traceability, monitoring, prerequisites programmes, chain approach and the Early Warning System.

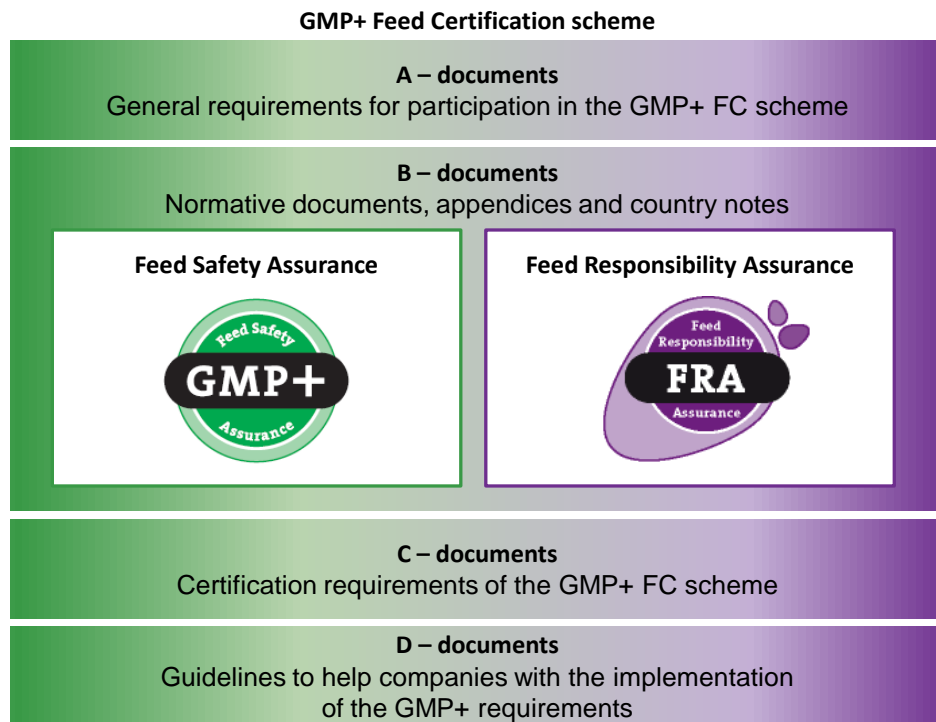
With the development of the GMP+ Feed Responsibility Assurance module, GMP+ International is responding to requests from GMP+ participants. The animal feed sector is confronted with requests to operate more responsible. This includes, for example, the sourcing of soy and fishmeal which are produced and traded with respect for humans, animals and the environment. In order to demonstrate responsible production and trade, a company can get certified for the GMP+ Feed Responsibility Assurance. GMP+ International facilitates via independent certification the demands from the market.

Together with the GMP+ partners, GMP+ International transparently lays down clear requirements in the Feed Certification scheme. Certification bodies are able to carry out GMP+ certification independently.

GMP+ International supports the GMP+ participants with useful and practical information by way of a number of guidance documents, databases, newsletters, Q&A lists and seminars.

1.2 Structure of the GMP+ Feed Certification scheme

The documents within the GMP+ Feed Certification scheme are subdivided into a number of series. The next page shows a schematic representation of the content of the GMP+ Feed Certification scheme:



All these documents are available via the website of GMP+ International (www.gmpplus.org) .

This document is referred to as GMP+ BA10 *Minimum Requirements for Purchasing* and is part of the GMP+ FSA module.

2 Scope of this document

In addition to the requirements in the GMP+ standards, this appendix specifies:

- Which certification of a supplier of a feed or a feed services is accepted (chapter 3)
- Which so-called gatekeeping options can be applied for purchasing non-certified feed or feed services (chapter 4)

3 Overview of GMP+ and accepted certificates

The following tables provides for several feed products and feed services the GMP+ and accepted certifications, including – if applicable – additional requirements :

3.1 Purchase of compound feed and semi-manufactured products

Accepted certificates - scopes	Additional requirements
GMP+ B1 - production of compound feed GMP+ B1 - trade in compound feed GMP+ B3 - trade in compound feed	
FCA-BC-02 - MP, production of compound feed FCA -BC-03 - MH, trading of compound feed	
QS-certified producers of compound feed QS-certified traders of compound feed	QS company is listed in the GMP+ companies database, tab <i>Other certification schemes</i> .
UFAS Compound Feed UFAS Merchants - trading of compound feeds	
<u>Version 5.0</u> FAMI-QS - production of Specialty Complementary Feed FAMI-QS - production of Specialty Complementary Dietetic Feed FAMI-QS - trading of Specialty Complementary Feed FAMI-QS - trading of Specialty Complementary Dietetic Feed	<u>Version 5.0</u> <ul style="list-style-type: none"> • These products are not meant to cover basic animal nutrition. • A FAMI-QS Letter of Approval for the scope is required with the FAMI-QS certificate
<u>Version 6.0</u> FAMI-QS - production of Complementary Feed FAMI-QS - production of Dietetic Feed FAMI-QS - trading of Complementary Feed FAMI-QS - trading of Dietetic Feed	<u>Version 6.0</u> FAMI-QS company is listed under the certification system 6.0 with the scope Complementary Feed and / or Dietetic Feed.
OQUALIM-RCNA International - certified producers of compound feed OQUALIM-RCNA International - certified distributors / traders of compound feed	OQUALIM company is certified under the OQUALIM annex 1 "Purchase requirements for goods and services" and scope "unannounced audit".
pastus+ - certified producers of compound feed pastus+ - certified traders of compound feed	pastus+ company is listed in the GMP+ companies database, tab <i>Other certification schemes</i> .

3.2 Purchase of premixtures

Accepted certificates - scopes	Additional requirements
GMP+ B1 - production of premixtures GMP+ B1 - trade in premixtures GMP+ B3 - trade in premixtures	
FCA -BC-02 - VP, production of premixtures FCA -BC-03 - VH, trading of premixtures	
<u>Version 5.0</u> FAMI-QS - production of Premixtures FAMI-QS - trading of Premixtures	Version 5.0 -
<u>Version 6.0</u> FAMI-QS - production of Mixtures FAMI-QS - trading of Mixtures	Version 6.0 FAMI-QS company is listed under the certification system 6.0 with the scope Mixtures (function).
QS-certified producers of premixtures QS-certified traders of premixtures	QS company is listed in the GMP+ companies database, tab <i>Other certification schemes</i> .
UFAS Compound Feed UFAS Merchants - trading of premixtures	
OQUALIM-RCNA International - certified producers of premixtures OQUALIM-RCNA International - certified distributors / traders of premixtures	OQUALIM company is certified under the OQUALIM annex 1 "Purchase requirements for goods and services" and scope "unannounced audit".

3.3 Purchase of feed additives

Accepted certificates - scopes	Additional requirements
GMP+ B1 - production of additives GMP+ B1 - trade in additives GMP+ B2 - production of additives GMP+ B3 - trade in additives	
FCA -BC-02 - TP, production of feed additives FCA -BC-03 - TH, trading of feed additives	
<u>Version 5.0</u> FAMI-QS - production of Feed Additives FAMI-QS - trading of Feed Additives	Version 5.0 -
<u>Version 6.0</u> FAMI-QS - production of Ingredients FAMI-QS - trading of Ingredients	Version 6.0 FAMI-QS company is listed under the certification system 6.0 with the scope Ingredients (process). The purchased additives must be listed in this database as well.

Accepted certificates - scopes	Additional requirements
UFAS Merchants - trading of feed ingredients FEMAS Core standard FEMAS Intermediate Supplier	
QS-certified producers of additives QS-certified traders of additives	QS company is listed in the GMP+ companies database, tab <i>Other certification schemes</i> .
OQUALIM-RCNA International - certified distributors / traders of feed additives	OQUALIM company is: <ul style="list-style-type: none"> • producer or distributor of compound feed or premixtures, certified under the OQUALIM annex 1 "Purchase requirements for goods and services" and scope "unannounced audit". • or belongs to a group of companies of which at least one company is certified as above <i>Note: The delivered feed additive must – of course - be produced by certified producer</i>

3.4 Purchase of feed materials

3.4.1 General

Accepted certificates - scopes	Additional requirements
GMP+ B1 - production of feed materials GMP+ B1 - trade in feed materials GMP+ B2 - production of feed materials GMP+ B3 - trade in feed materials	
FCA -BC-02 - GP, production of feed materials FCA -BC-02 (VWP), production of by-products for reprocessing (company in food sector) FCA -BC-02 (GPVW), production of feed materials originating from by-products for reprocessing FCA -BC-03 - GH, trading of feed materials FCA -BC-03 (VWH), trading of by-products for reprocessing	
QS-certified producers of feed materials QS-certified traders of feed materials	<ul style="list-style-type: none"> • QS company is listed in the GMP+ companies database, tab <i>Other certification schemes</i>. • As an exception to the requirement that a generic risk assessment for the feed material is included in the GMP+ <i>FSP Product list</i> (see GMP+ standard), purchasing a feed material from

Accepted certificates - scopes	Additional requirements
	a QS certified company is also allowed when this feed material is included in the <i>Positivliste für Einzelfuttermittel</i> . In that case, resell is not permitted.
FEMAS Core standard FEMAS Intermediate Supplier UFAS Merchants - trading of feed ingredients	
<u>Version 5.0</u> FAMI-QS - production of Functional Feed Ingredients FAMI-QS - trading in Functional Feed Ingredients	<u>Version 5.0</u> <ul style="list-style-type: none"> • A FAMI-QS Letter of Approval for the scope is required with the FAMI-QS certificate • These products must be registered in the GMP+ FSP Product list.
<u>Version 6.0</u> FAMI-QS - production of Ingredients FAMI-QS - trading of Ingredients	<u>Version 6.0</u> <ul style="list-style-type: none"> • FAMI-QS company is listed under certification system 6.0 with the scope Ingredients (process). The purchased feed materials must be listed in this database as well • These feed materials must be registered in the GMP+ FSP Product list
EFISC-GTP <ul style="list-style-type: none"> • Products of the oilseeds crushing and vegetable oil refining industry • Products of the starch industry • Glycerin (crude and refined) from production of biodiesel • Trade/collection of feed materials of vegetable origin 	
pastus+ -certified producers of feed materials pastus+ -certified traders of feed materials	pastus+ company is listed in the GMP+ companies database, tab <i>Other certification schemes</i> .
OQUALIM-RCNA International - certified processors, distributors / traders of feed materials	OQUALIM company is: <ul style="list-style-type: none"> • producer or distributor of compound feed or premixtures, certified under the OQUALIM annex 1 "Purchase requirements for goods and services" and scope "unannounced audit". • or belongs to a group of companies of which at least one company is certified as above. <i>Note: The delivered feed material must – of course - be produced by the certified producer</i>

3.4.2 Purchase of feed materials from companies with specific certificates

Some feed materials can also be purchased from a company with a specific certificate:	
Feed materials	Approved certificates / special requirements
Combinable crops (grains, (oil-)seeds and legumes)	Certificate under the Charte Sécurité Alimentaire (Certification CSA)
	TASCC Merchants (trading of whole unprocessed combinable crops for food and feed use)
	QS- Guideline Service Package for agriculture production QS company is listed in the GMP+ companies database, tab <i>Other certification schemes</i> .
Bakery by-Products	Certification under the 'Hygiene Code voor Brood en Banketbakkerij' incl. Diervoedermodule (Nederlands Bakkerij Centrum/ISACert)
Graded consumption potatoes	Certification under the 'Hygiene Code voor ongeschilde (zoete) aardappelen' and with a designation 'HACCP + GMP' (Nederlandse Aardappel Organisatie; NAO)
Whey from farmers	Certification under 'Hygienecode voor de Boerderijzuivelbereiding' (inclusief bijlage 7). The farmer needs to be listed as such on https://boerderijzuivel.nl/keurmerken/gmp-weiafvoer
Dairy products	The product is supplied under Reg. (EC) 853/2004

3.5 Purchase of storage and transshipment

Accepted certificates -scopes	Additional requirements
GMP+ B1 - storage and transshipment of animal feed	
GMP+ B3 -storage and transshipment of animal feed	
FCA -BC-04 – OO storage and transshipment of animal feed	
TASCC Storage	
EFISC-GTP - storage of feed materials of vegetable origin.	
QS-certified companies - storage and transshipment	QS company is listed in the GMP+ companies database, tab <i>Other certification schemes</i> .
pastus+ -certified companies - storage and transshipment	pastus+ company is listed in the GMP+ companies database, tab <i>Other certification schemes</i> .
<i>Note: Storage of packaged goods does not necessarily have to be purchased from a GMP+ certified service provider. See for more information 4.4.3.</i>	

3.6 Purchase of transport

Accepted certificates and scopes	Additional requirements
GMP+ B4 - transport of animal feed, road transport GMP+ B4.3 - transport of animal feed, inland waterway transport	
FCA -BC-05 - TVWE, road transport of animal feed FCA -BC-08 - Hygiene Code for inland waterway transport	
TASCC Road Haulage - road transport	Transport, which is subcontracted by a TASCC Road Haulage transport company is not accepted
Qualimat - road transport	
QS-certified companies -road transport	QS company is listed in the GMP+ companies database, tab <i>Other certification schemes</i> .
EFISC-GTP transport of feed materials of vegetable origin	Only accepted in combination with EFISC-GTP trade scope.
pastus+ -certified companies -road transport	pastus+ company is listed in the GMP+ companies database, tab <i>Other certification schemes</i> .
<p><i>Note: An external transport company does not have to be GMP+-certified or equivalent in the event of:</i></p> <ul style="list-style-type: none"> • <i>Transport of packaged goods (including sealed loading units) does not necessarily have to be purchased from a GMP+ certified service provider.</i> <i>For definition of sealed loading compartments see GMP+ A2</i> • <i>Transport by rail (using wagons)</i> 	

3.7 Purchase of affreightment

Accepted certificates - scopes	Additional requirements
GMP+ B4 - affreightment of inland waterway transport GMP+ B4 - affreightment of short sea shipping GMP+ B4 - affreightment of road transport GMP+ B4 - affreightment of rail transport GMP+ B4 - affreightment of sea transport n	
FCA -BC-07 - TVM, Chartering of animal feed via marine transport	
FCA -BC-06 - TVWA, Chartering of animal feed via inland waterway	
FCA -BC-09 - TVOR, Transport organization of feed or by rail	
QS-certified companies with scope affreightment of rail, inland waterway and sea ship transport	QS company is listed in the GMP+ companies database, tab <i>Other certification schemes</i> .
<p><i>Note: An external freight broker does not have to be GMP+-certified or equivalent in the event of:</i></p> <ul style="list-style-type: none"> <i>• affreightment of road transport</i> <i>• affreightment of packaged products (including sealed loading units)</i> <i>• affreightment of oils and fats and derived products for direct processing in animal feed when the transport demonstrably takes place under a FOSFA contract and where the EU 1 list of acceptable previous loads is used as compulsory.</i> 	

3.8 Purchase of laboratory services

If measurement and monitoring take place by way of an analysis, the GMP+ certified company ensures this is done by a laboratory approved for this under the GMP+ FSA module. The table below shows which qualifications are approved for which analysis.

Analysis	Accepted certificates - scopes	Additional requirements
<p>A) Critical contaminants:</p> <ul style="list-style-type: none"> - Aflatoxin B1 - Dioxin - Dioxin-like PCBs - Non-dioxin-like PCBs - Heavy metals <ul style="list-style-type: none"> o Cadmium o Arsenic o Lead o Mercury* - Fluorine* <p>* The analysis of these parameters in feed additives and premixtures must be done by a laboratory with an independently verified quality management system as included under B) Other contaminants.</p>	<p>An independently verified quality management system as included under B) supplemented by GMP+ B11 Registered Laboratory.</p>	<ul style="list-style-type: none"> • As long as the GMP+ Registered Laboratory is registered for the analysis in question. • The use of GMP+ Registered Laboratories is compulsory
<p>B) Other contaminants</p>	<p>GMP+ B10 certified laboratory</p>	<p>The concerning analysis must be under the scope of the GMP+ B10 certificate</p>
	<p>ISO17025 accredited laboratory for the analysis in question</p>	
	<p>ISO17025 accredited laboratory for another analysis than the one in question</p>	<p>Only if the GMP+ certified company can motivate why it is not possible to make use of a laboratory which is ISO17025 accredited for the analysis in question.</p>
	<p>ISO 9001 certified laboratory (no longer approved under the GMP+ FSA module as from the 1st of July 2022)</p>	<p>This motivation must be documented.</p>
	<p>Other quality assurance system (no longer approved under the GMP+ FSA module as from the 1st of July 2022)</p>	<p>As long as the laboratory produces results in a reliable fashion and that an independent third party has assessed this positively.</p> <p>Only if the GMP+ certified company can motivate why it is not possible to make use of a laboratory which is ISO17025 accredited for the analysis in question.</p> <p>This motivation must be documented.</p>
	<p>TASCC Facilities Testing</p>	

3.9 Purchase of other services

Services	Accepted certificates - scopes
Production or processing on a contract basis (third party/sub-contractor)	GMP+ B1 - production of feed materials GMP+ B1 - production of additives GMP+ B1 - production of premixtures GMP+ B1 - production of compound feed GMP+ B2 - production of feed materials GMP+ B2 - production of feed additives
	FCA, QS, FEMAS, UFAS, FAMI-QS, EFISC-GTP certificate with the corresponding scope

4 Gatekeeper options

4.1 General Gatekeeper requirements

Gatekeeping means that the GMP+ certified company purchases a feed or a feed service, which is not covered under the scope of either a GMP+ certification or another, accepted feed safety certification. The gatekeeper takes responsibility for the safety of the feed or feed service which he brings into the GMP+ chain.

Note: In this chapter the GMP+ certified company will be indicated with the word "gatekeeper".

- The gatekeeper needs to consistently provide products and services that:
 - are safe for use in or as feed, and
 - comply with the relevant GMP+ requirements
 - comply with the relevant feed legislation
- The gatekeeper must carry out a hazard analysis in compliance with the HACCP principles, as laid down in the relevant GMP+ standards. This hazard analysis must include all operations and activities, from original production up to delivery, and must result in addressing and controlling all hazards related to the
 - specific feed product concerned
 - production process of this feed product
 - other operations and activities like storage and transport
- The gatekeeper must register the results of analysis, carried out in the context of gatekeeping, at least once per month in the GMP+ Monitoring database. Results from the analysis must be shared with the GMP+ Community in the GMP+ Monitoring database.
- Some gatekeeper protocols require the GMP+ company to notify both the Certification Body and GMP+ International. For details see the specific gatekeeper protocols.
- If the gatekeeper transfers responsibilities with regard to the application of the gatekeeper protocol to the supplier, this must be clearly agreed and stated, e.g. in the contract.

4.2 Feed products and services which cannot be purchased under a gatekeeper protocol

- It is not possible to act as a gatekeeper for the purchase of the following feed products:
 - Compound feed
 - Premixtures
 - Specific by-products from the oil- and fat industry:

Regulation (EU) no. 68/2013, including amendments to this regulation.	
Number	Name
13.6.1	Acid oils from chemical refining
13.6.2 ¹	Fatty acids esterified with glycerol
13.6.3 ¹	Mono di and tri glycerides of fatty acids
13.6.4 ¹	Salts of fatty acids
13.6.5	Fatty acid distillates from physical refining
13.6.6 ²	Crude fatty acids from splitting
13.6.7 ²	Pure distilled fatty acids from splitting
13.6.9 ¹	Mono- and diglycerides of fatty acids esterified with organic acids
13.6.10 ¹	Sucrose esters of fatty acids
13.6.11 ¹	Sucroglycerides of fatty acids
13.11.2	Mono-esters of propylene glycol and fatty acids

¹ This product is out of scope of GMP+ BA7 in case it is only produced with/ derived from 13.6.6 or 13.6.7 obtained by splitting of vegetable oil falling under the Catalogue of feed materials number 2.20.1. In all other cases, this product is within scope of GMP+ BA7.

² The products 13.6.6 and 13.6.7 are out of scope of GMP+ BA7 only in case the feedstock used to produce these products is vegetable oil falling under the Catalogue of feed materials number 2.20.1. When other products are used as the feedstock (e.g. by-products as defined in GMP+ BA7), 13.6.6 and 13.6.7 are within scope of GMP+ BA7.

4.3 Gatekeeper requirements for purchase of specific feed ingredients

This chapter provides specific gatekeeping requirements for purchasing specific feed products from non-GMP+ or equivalent origins.

4.3.1 Purchase of unprocessed agricultural products from grower for use in or as feed

4.3.1.1 General

Scope of application	
Feed product	Unprocessed agricultural products, including hay and straw, from grower Hay and straw, from grower-collector ³
Origin	All countries
Applied by	GMP+ certified company with a production or trade scope.
Applicable until	No time limit
Requirements for the gatekeeper	
General	See chapter 4.1
Specific conditions	<ul style="list-style-type: none"> • Storage and transport can only be outsourced to GMP+-certified companies (or those with an equivalent certificate). If transport is carried out by the agricultural contractor: <ul style="list-style-type: none"> - under responsibility of the grower / grower-collector, and - immediately following the harvesting, and - as a part of assignment "harvesting including transport to the storage" then the GMP+ certificate for transport (or equivalent) is not required. • There must be a quality assurance agreement between the gatekeeper and the grower / grower-collector. See for an example GMP+ D2.6 <i>Guidance documents for specific GMP+ application, chapter 3.7</i>
Supplier evaluation	a) Hazard analysis Yes <i>Note: The results of the benchmark of the certification schemes for growers can be used as input. See the GMP+ website / Collaborations / Growers schemes.</i>

³ A grower-collector is defined as a grower with own harvest equipment and own storage facilities, who collects hay/straw from a group of nearby located growers.

	b) Supplier audit	Recommended
	c) Sampling	Each batch. <i>For batch definition see GMP+ A2</i>
	d) Testing	Based on HACCP ⁴
Records	<p>Gatekeeper must register</p> <ul style="list-style-type: none"> • name and address details of the grower/collector from whom products are purchased. • the purchased batches of unprocessed agricultural products, including hay and straw • results of analysis <p>Records and documentation related to the application of this protocol must be documented. This must be available for the auditor and – upon request – for GMP+ International.</p> <p><i>Note: (parts) of the above listed information might not always be available. In the framework of application of HACCP-principles, this lack of information can result in defining more control measures and monitoring.</i></p>	
Notification about application of this protocol		
Notification to the Certification Body	Yes	
Notification to GMP+ International	No	

⁴ Note that requirements from Aflatoxin B1 protocol must be fulfilled as well

4.3.2 Purchase of unprocessed grains, (oil)seeds and legumes out of a collect chain for use in feed

4.3.2.1 *General*

Scope of application		
Feed product	Unprocessed grains, (oil)seeds and legumes (from collector) <i>Note that conditions for purchasing from growers are laid down in 4.3.1.</i>	
Origin	The unprocessed grains, (oil)seeds and legumes are grown outside of countries listed below <ul style="list-style-type: none"> • Austria • Belgium • Canada • Denmark • France • Germany • Greece • Ireland • Luxembourg • The Netherlands • United Kingdom 	
	Intervention grain from any EU country	
Applied by	GMP+ certified company with a production or trade scope.	
Applicable until	No time limit	
Requirements for the gatekeeper		
General	See chapter 4.1	
Specific conditions	If the GMP+ certified company purchases a batch of feed materials from a non-GMP+ certified company and sells this on FOB to a GMP+ certified client (= exporter), then this client must comply with the requirements from this protocol.	
Supplier evaluation	a) Hazard analysis	Yes
	b) Supplier audit	Recommended
	c) Sampling	See below
	d) Testing	See below
Records	Gatekeeper must register <ul style="list-style-type: none"> • name and address details of the producer/collector from whom products are purchased. • the purchased batches of unprocessed grains, (oil)seeds or legumes • results of analysis <p>Records and documentation related to the application of this protocol must be documented. This must be available for the auditor and – upon request – for GMP+ International.</p>	

	<i>Note: (parts) of the above listed information might not always be available. In the framework of application of HACCP-principles, this lack of information can result in defining more control measures and monitoring.</i>
Sampling and testing	
<u>Sampling</u>	
Each batch. For batch definition see GMP+ A2.	
Requirements for sample takers in the event of:	
<ul style="list-style-type: none"> • Transport per ship or train or in storage: independent superintendent organization accredited according to ISO 17020 or ISO 9001 in combination with a GAFTA approval. • Road transport: the certified company applying this protocol. 	
<i>Note:</i>	
<ul style="list-style-type: none"> • <i>It could be helpful to define a batch based on the means of transport or storage.</i> • <i>For delivery by truck: sampling is per truck.</i> • <i>From the moment of sampling/testing, the batch is considered as GMP+ assured. Gatekeeper must from that point on assure compliance with all GMP+ storage/transport requirements until the moment of delivery</i> • <i>In case no representative sample has been taken on the level of the seagoing vessel or no analysis results are available, products stored in different silos can no longer be considered as one single batch.</i> 	
<u>Testing</u>	
<ul style="list-style-type: none"> • For delivery by truck: every 20th sample must be analysed • Each sample will in any event be analysed for the parameters which are summarised below. If the hazard analysis shows that other parameters deserve attention then these should be analysed. • The whole batch must be kept segregated from the other batches, unless these are tested and approved or GMP+ assured. 	
Parameter	Remark
Pesticide residues	The screening must cover all relevant pesticides based on information about: <ul style="list-style-type: none"> • locally used pesticides • local legislation about applicable pesticides • RASFF- notifications Other relevant information
Mycotoxins :	
Aflatoxin B1 ⁵	At least applicable to maize
Deoxynivalenol (DON)	At least applicable to all cereals
Zearalenon (ZEA)	At least applicable to all cereals and soy beans
Ochratoxin A (OTA)	At least applicable to all cereals
Heavy metals :	
<ul style="list-style-type: none"> • Arsenic • Lead • Mercury • Cadmium 	

⁵ Note: Besides batch by batch monitoring, the overall requirements from Aflatoxin B1 protocol must be fulfilled

<ul style="list-style-type: none"> • Dioxins • Sum of dioxins and dioxin-like PCB's • ndl PCB • PAH's 	<p>In case the product is not dried or in case the gatekeeper has documented proof that in the drying process:</p> <ul style="list-style-type: none"> • no combustion is involved, or • natural gas is used, or • indirect drying is applied, <p>the 100% monitoring can be reduced (in accordance with HACCP principles as laid down in GMP+ standard).</p>
Hydrocyanic acid	Only applicable for linseed
Salmonella	
Free gossypol	Cottonseed
Notification about application of this protocol	
Notification to the Certification Body	Yes
Notification to GMP+ International	Yes, before you start using this protocol, via this LINK . It is required to notify GMP+ International each time when you use this gatekeeper protocol in another country of origin.

4.3.3 Purchase of feed additives, foodstuffs, pharma products

 4.3.3.1 *General*

Scope of application		
Product	Feed additives: <ul style="list-style-type: none"> • Should be approved for use in feed <ul style="list-style-type: none"> - in case the gatekeeper is a producer: in the country in which the gatekeeper is located; - in case the gatekeeper is a trader: in the country where the feed additive is placed on the market. <p><i>See GMP+ A2 for the definition of feed additives</i></p>	
	Foodstuffs, produced under <ul style="list-style-type: none"> - a GFSI-recognized food safety scheme or - a by the national authority approved Code of Practice. <p><i>See GMP+ A2 for the definition of foodstuffs</i></p>	
	Pharma product, produced under European Pharmacopoeia Reference Standards or equivalent.	
	<i>Excluded from this scope are:</i> <ul style="list-style-type: none"> • <i>by-products from the food industry and raw materials for production of foodstuff</i> 	
Origin	All countries	
Applied by	GMP+ certified company with a production or trade scope.	
Applicable until	No time limit	
Requirements for the gatekeeper		
General	See chapter 4.1 <i>Note: when using this protocol it is not necessary to register the results of analysis in the GMP+ Monitoring database.</i>	
Specific conditions	Purchased additives must not be technical grade. When using these products in feed, special feed legislation might be applicable (e.g. labelling). In case of purchase of foodstuff or food additives, the gatekeeper needs to investigate if and how the product can be used in feed and what feed legislation is applicable.	
Supplier evaluation	a) Hazard analysis	Yes
	b) Supplier audit	Recommended
	c) Sampling	Each batch. <i>For batch definition see GMP+ A2.</i>
	d) Testing	Based on HACCP

<p>Records</p>	<p>Gatekeeper must register:</p> <ul style="list-style-type: none"> • the raw materials, production methods, process flow and environment from which the product is derived, to be able to complete the risk assessment for each product. • name and address data of the producer • purchased product • results of analysis • other relevant information <p>Records and other documentation related to the application of this protocol must be documented. This must be available for the auditor and – upon request – for GMP+ International.</p> <p><i>Note: (parts) of the above listed information might not always be available. In the framework of application of HACCP-principles, this lack of information can result in defining more control measures and monitoring.</i></p>
<p>Notification about application of this protocol</p>	
<p>Notification to the Certification Body</p>	<p>Yes</p>
<p>Notification to GMP+ International</p>	<p>Yes, before you start using this protocol, via this LINK.</p> <p>It is required to notify GMP+ International each time when you use this gatekeeper protocol for a new combination of producer and product.</p>

4.3.4 Purchase of former foodstuffs

4.3.4.1 *General*

Scope of application	
Feed product	Former foodstuff (intended for use as feed) <i>See GMP+ A2 for the definition of former foodstuffs.</i> <i>Excluded from the scope</i> <ul style="list-style-type: none"> • <i>By-products originating from the food industry (e.g. beet pulp, brewers' grain, etc) and manufactured for animal feed</i> • <i>Raw material for foodstuff</i>
Origin	All countries Purchased directly from a food company, which has at least a written HACCP plan. This HACCP plan: <ul style="list-style-type: none"> • is based on HACCP principles, and • includes the control of hazards related to the former foodstuff that is being delivered.
Applied by	GMP+ certified company with a production or trade scope. Under the scope 'Trade' the product may only be sold one step further down the chain to a company with a production scope. Relevant information must be provided. See also 'Specific Conditions'.
Applicable until	No time limit
Requirements for the gatekeeper	
General	See chapter 4.1
Specific conditions	<ul style="list-style-type: none"> • The gatekeeper must make a clear and unambiguous agreement with the supplier about: <ul style="list-style-type: none"> - compliance with relevant requirements of this gatekeeper protocol - the responsibility of the supplier and the gatekeeper regarding the purchased product or service - exchange of relevant information - any other issue, relevant for assuring the safety of the feed. • The gatekeeper purchasing former foodstuff that is not yet suitable as feed material must first process the product into a feed material. A validated treatment or cleaning must be performed to remove physical contaminants (e.g. glass, plastic, metal) before the former foodstuffs can become intended for feed. The treatment or cleaning must be in accordance with scheme requirements.

	<ul style="list-style-type: none"> • Resell of former foodstuff that has to receive a validated treatment or cleaning to remove physical contaminants (e.g. glass, plastic, metal) before becoming suitable for feed is possible under the next conditions: <ul style="list-style-type: none"> ○ Under the scope Trade ○ To a company with a Production scope for further processing into a feed material; ○ Under a clear agreement that gives guarantees about <ul style="list-style-type: none"> ▪ the responsibilities for buying according to the requirement of this protocol, and about ▪ correct processing into a feed material; ○ All relevant information about the necessary processing of the former foodstuff into a feed material must be provided (=the former foodstuff is accompanied with the FSDS and all the necessary information in accordance with the requirements as laid down in <u>Annex VIII</u> of Regulation (EC) No. 767/2009) ○ The processor of the former foodstuff must be involved in the supplier audit • GMP+ International reserves the right to accompany the gatekeeper during a supplier audit. 	
Supplier evaluation	a) Hazard analysis	<p>Yes</p> <p>As a part of the supplier evaluation documented information of risk assessment must be available. See for an example GMP+ D2.6 <i>Guidance documents for specific GMP+ application, FSDS</i>).</p>
	b) Supplier audit	<p>Yes</p> <ul style="list-style-type: none"> - Before initial delivery, and further each year - To be conducted by a qualified person. See for this the GMP+ standard
	c) Sampling	<p>Each batch</p> <p><i>For batch definition see GMP+ A2.</i></p>
	d) Testing	<p>Based on HACCP</p>
Records	<p>Records and other documentation related to the application of this protocol must be documented. This includes the above-mentioned FSDS. This information must be available for the auditor and – upon request – for GMP+ International.</p> <p><i>Note: (parts) of the above listed information might not always be available. In the framework of application of HACCP-principles, this lack of information can result in defining more control measures and monitoring.</i></p>	

Notification about application of this protocol	
Notification to the Certification Body	Yes
Notification to GMP+ International	Yes, before you start using this protocol, via this LINK . It is required to notify GMP+ International each time when you use this gatekeeper protocol for a new combination of producer and product.

4.3.5 Purchase of palm oil

4.3.5.1 *General*

Scope of application		
Feed product	Crude, refined and/or fractioned palm(kernel) oil, as defined under no. 2.20.1 on the EU Feed Material Catalogue 68/2013 (including amendments to this regulation)	
Origin	All countries	
Applied by	GMP+ certified company with a production or trade scope	
Applicable until	No time limit	
Requirements for the gatekeeper		
General	See chapter 4.1	
Specific conditions	<p>The GMP+ certified company purchases above mentioned products based on FOSFA contracts 53, 54, 80 or 81. These are based on application of the manual “FOSFA qualifications and procedures for vessels engaged in the carriage of oils and fats in bulk for edible and oleo chemical use”</p> <p>The following documents as stipulated in the FOSFA contracts that must be available:</p> <ul style="list-style-type: none"> • FOSFA (short form) contract • Bill of Lading • FOSFA Certificate of Compliance, Cleanliness and Suitability of Ship’s Tank • Certificate of Analysis with FFA, both at time of shipment and in port of arrival, in country of destination 	
Supplier evaluation	a) Hazard analysis	Yes
	b) Supplier audit	Recommended
	c) Sampling	Each batch. <i>For batch definition see GMP+ A2.</i> Sampling in accordance with NEN-EN-ISO method 5555 by a FOSFA Member Superintendent.
	d) Testing	See below
Records	<p>The gatekeeper must register per palm oil mill location:</p> <ul style="list-style-type: none"> • The name, address, etc. • The processes carried out • The oil products produced <p>Further, from every batch received must be registered</p> <ul style="list-style-type: none"> • The volume • The sea vessel • FFA at port of loading • FFA at port of arrival 	

	Records and documentation related to the application of this protocol must be documented. This must be available for the auditor and – upon request – for GMP+ International. <i>Note: (parts) of the above listed information might not always be available. In the framework of application of HACCP-principles, this lack of information can result in defining more control measures and monitoring.</i>	
Sampling and testing		
<u>Testing</u>		
The samples will in any event be analysed for the parameters and with the frequency which are summarised below. If the hazard analysis shows that other parameters deserve attention then these should be analysed.		
Parameter	Frequency	Remark
Free Fatty Acids (FFA)	Each batch	Acceptance limit: <ul style="list-style-type: none"> • When FOB in port of loading max 7 % • When CIF in port of arrival max 10%
Pesticide residues	Every 6 months	Rejection limit: refer to GMP+ BA1 document. Pesticide screening The screening must be based on information about <ul style="list-style-type: none"> • locally used pesticides • local legislation about applicable pesticides • RASFF- notifications • Other relevant information
Heavy metals : <ul style="list-style-type: none"> • Arsenic • Lead • Mercury • Cadmium 	On the basis of a hazard analysis but at least once per 12 months	Rejection limit: consult GMP+ BA1 document
Dioxins	Once in 3 months, varied origins	Rejection limit: consult MP+ BA1 document
Sum of dioxins and dioxin-like PCB's	Once in 3 months, varied origins	Rejection limit: consult GMP+ BA1 document
Mineral oil hydrocarbons (C10-C40)	Each batch	Rejection limit: consult GMP+ BA1 document
Notification about application of this protocol		
Notification to the Certification Body	Yes	
Notification to GMP+ International	Yes, before you start using this protocol, via this LINK . It is required to notify GMP+ International each time when you use this gatekeeper protocol for a new combination of producer and product.	

4.3.6 Purchase of feed material of mineral origin

Feed materials of mineral origin cannot be purchased under a gatekeeper protocol, yet. A specific protocol will be developed. In the meantime the GMP+ certified company can apply for an exemption.

4.3.7 Purchase of herbs and spices

 4.3.7.1 *General*

Scope of application		
Feed product	Herbs and spices	
	<ul style="list-style-type: none"> • Should be approved for use in feed <ul style="list-style-type: none"> - in case the gatekeeper is a producer: in the country in which the gatekeeper is located; - in case the gatekeeper is a trader: in the country where the product is placed on the market. • When produced under a GFSI-recognized scheme, these herbs and spices can be considered as Foodstuff, and out of scope of this protocol 	
Origin	All countries	
Applied by	GMP+ certified company with a production or trade scope.	
Applicable until	No time limit	
Requirements for the gatekeeper		
General	See chapter 4.1	
Specific Conditions		
Supplier evaluation	a) Hazard analysis	Yes
	b) Supplier audit	Recommended
	c) Sampling	Each batch. <i>For batch definition see GMP+ A2.</i>
	d) Testing	See below
Records	Gatekeeper must register: <ul style="list-style-type: none"> • name and address details of the grower/collector from whom products are purchased. • the purchased batches of herbs or spices • results of analysis <p>Records and documentation related to the application of this protocol must be documented. This must be available for the auditor and – upon request – for GMP+ International.</p> <p><i>Note: (parts) of the above listed information might not always be available. In the framework of application of HACCP-principles, this lack of information can result in defining more control measures and monitoring.</i></p>	

Sampling and testing	
<u>Testing</u>	
Each sample will in any event be analysed for the parameters which are summarised below. If the hazard analysis shows that other parameters deserve attention then these should be analysed.	
Parameter	Remark
Pesticide residues	Pesticide screening The screening must be based on information about <ul style="list-style-type: none"> • locally used pesticides • local legislation about applicable pesticides • RASFF- notifications • Other relevant information
Mycotoxins: <ul style="list-style-type: none"> • Aflatoxin B1 • Ochratoxin A (OTA) 	Only applicable for feed materials consisting of roots, rhizomes or bulbs.
Heavy metals: <ul style="list-style-type: none"> • Arsenic • Lead • Mercury • Cadmium • Fluorine 	
Dioxins Sum of dioxins and dioxin-like PCB's ndl PCB PAH's	In case the product is not dried or in case the gate-keeper documented proof that in the drying process: <ul style="list-style-type: none"> • no combustion is involved, or • natural gas is used, or • indirect drying is applied, the 100% monitoring can be reduced (in accordance with HACCP principles as laid down in GMP+ standard).
Salmonella	
Notification about application of this protocol	
Notification to the Certification Body	Yes
Notification to GMP+ International	Yes, before you start using this protocol, via this LINK . It is required to notify GMP+ International each time when you use this gatekeeper protocol for a new combination of product and country of origin.

4.3.8 Purchase of processed feed materials

4.3.8.1 *General*

Scope of application																																							
Feed product	<p>Processed feed materials</p> <ul style="list-style-type: none"> not covered by one of the other protocols for purchase of processed feed materials not from mineral origin (see further 4.3.6) <hr/> <p><i>Note:</i></p> <ul style="list-style-type: none"> <i>The feed material must be registered in the GMP+ Product List.</i> <i>Feed materials mentioned in 4.2 cannot be purchased under this gatekeeper protocol.</i> 																																						
Origin	<p>The processed feed materials are produced outside the countries listed below and if there is a trader between the producer and the gatekeeper - this trader is located outside the countries listed below, unless sold on FOB-conditions.</p> <table border="1"> <thead> <tr> <th>Country</th> <th>Gatekeeping is not allowed for:</th> </tr> </thead> <tbody> <tr> <td>Austria</td> <td>All processed feed materials</td> </tr> <tr> <td>Belgium</td> <td>All processed feed materials</td> </tr> <tr> <td>Germany</td> <td>All processed feed materials</td> </tr> <tr> <td>Luxembourg</td> <td>All processed feed materials</td> </tr> <tr> <td>The Netherlands</td> <td>All processed feed materials</td> </tr> <tr> <td>United Kingdom</td> <td>All processed feed materials</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>Argentina</td> <td>Oil seeds meal</td> </tr> <tr> <td>Brazil</td> <td>Oil seeds meal and citrus pulp</td> </tr> <tr> <td>Indonesia</td> <td>Palm kernel expellers</td> </tr> <tr> <td>Malaysia</td> <td>Palm kernel expellers</td> </tr> <tr> <td>Pakistan</td> <td>Molasses</td> </tr> <tr> <td>Peru</td> <td>Fishmeal</td> </tr> </tbody> </table> <p><i>Note: Based on a yearly assessment of developments, specific countries (or product-country combinations) can be added to this list. When it is decided to add a country (or a product-country combination) to the list, this will be announced well in advance.</i></p> <p><i>The next countries will be evaluated in 2020, with the aim to add them to list of countries where gatekeeping is not possible:</i></p> <table border="1"> <thead> <tr> <th>Country</th> <th>Processed Feed materials</th> </tr> </thead> <tbody> <tr> <td>Poland</td> <td>All processed feed materials</td> </tr> <tr> <td>France</td> <td>All processed feed materials</td> </tr> <tr> <td>Italy</td> <td>All processed feed materials</td> </tr> <tr> <td>Spain</td> <td>All processed feed materials</td> </tr> </tbody> </table>	Country	Gatekeeping is not allowed for:	Austria	All processed feed materials	Belgium	All processed feed materials	Germany	All processed feed materials	Luxembourg	All processed feed materials	The Netherlands	All processed feed materials	United Kingdom	All processed feed materials			Argentina	Oil seeds meal	Brazil	Oil seeds meal and citrus pulp	Indonesia	Palm kernel expellers	Malaysia	Palm kernel expellers	Pakistan	Molasses	Peru	Fishmeal	Country	Processed Feed materials	Poland	All processed feed materials	France	All processed feed materials	Italy	All processed feed materials	Spain	All processed feed materials
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Argentina	Oil seeds meal																																						
Brazil	Oil seeds meal and citrus pulp																																						
Indonesia	Palm kernel expellers																																						
Malaysia	Palm kernel expellers																																						
Pakistan	Molasses																																						
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Country	Processed Feed materials																																						
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France	All processed feed materials																																						
Italy	All processed feed materials																																						
Spain	All processed feed materials																																						

Applied by	GMP+ certified company with a production or trade scope.	
Applicable until	<p>The gatekeeper must make a clear choice between 2 options:</p> <ol style="list-style-type: none"> 1. Applicable with no time limit with testing of each batch on a fixed list of parameters. or 2. Applicable for 1,5 years, with possibility to have a HACCP-based monitoring. In this case the next conditions apply: <ul style="list-style-type: none"> - The period is meant for producer to go for GMP+ FSA certification, or equivalent. There must be a clear proof for this. - Only if the product flow is kept segregated, starting from the non-certified producer until delivery ('closed chain') <p><i>Note: If for whatever reason after 18 months the producer is not certified, the batch by batch monitoring must be applied</i></p>	
Requirements for the gatekeeper		
General	See chapter 4.1	
Specific conditions		
Supplier evaluation	a) Hazard analysis	Yes
	b) Supplier audit	Recommended
	c) Sampling	Each batch. <i>For batch definition see GMP+ A2</i>
	d) Testing	See Annex 1
Records	<p>Gatekeeper must register:</p> <ul style="list-style-type: none"> • the raw materials, production methods, process flow and environment from which the feed is derived, to be able to complete the risk assessment for each feed. • name and address data of the producer • purchased feed material • results of analysis • other relevant information <p>Records and other documentation related to the application of this protocol must be documented. This must be available for the auditor and – upon request – for GMP+ International.</p> <p><i>Note: (parts) of the above listed information might not always be available. In the framework of application of HACCP-principles, this lack of information can result in defining more control measures and monitoring.</i></p>	

Notification about application of this protocol	
Notification to the Certification Body	Yes
Notification to GMP+ International	<p>Yes, before you start using this protocol, via this LINK. (option 1).</p> <p>Before a gatekeeper starts using option 2, he needs to notify GMP+ International via a special form LINK. A validation is part of the notification procedure. For more details about the procedure see the FAQ list.</p> <p>It is required to notify GMP+ International each time when you use this gatekeeper protocol for a new combination of producer and product.</p>

4.3.8.2 Annex 1: Testing

- Each sample will in any event be analysed for the parameters which are summarised below. If the hazard analysis shows that other parameters deserve attention then these should be analysed.

Note: to help you classify an individual feed material in the correct category, you can consult [this document](#).

- Where the table does not provide information about parameters, the gatekeeper must determine the parameters to be analysed for each batch based on the hazard analysis. The gatekeeper must submit via this link [LINK](#) the monitoring plan to GMP+ International for validation before he starts applying the gatekeeper protocol.

Hazard Category of Feed material	Pesticides residues	Aflatoxine B1	DON	ZEA	Fumonisin s	OTA	T2/HT2	Heavy metals 4 (As, Cd, Pb, Hg)	Heavy metals 5 (As, Cd, Pb, Hg + F)	Dioxines DL PCB's	Ndl PCB's	PAH4	Salmonella	Nickel	Hydrocyanic acid	Antibiotica	Clostridium	Methanol	Insoluble impurities
(By) products of cereal grains incl. starch production	X	X ^b	X	X	X ^b	X	X ^a	X		X	X		X						
(By-)products from potato starch production	X							X		X	X	X ^d	X ^f				X ^e		
(By-)products of oil seeds, oil fruits, oil supplying plants (meals, expellers)	X	X		X				X		X	X		X		X ^c				
(By-)products from sugar production	X			X				X		X	X	X ^d	X						
(By-)products from beer production (yeast, feed beer)	X							X		X ^d	X ^d		X			X ^g			
(By-)products from malting (malt rootlets, malt), incl. brewers' grains and DDGS	X	X ^b	X	X	X ^b	X	X ^a	X		X	X		X						
(By-)products from milk and egg production								X		X ^h	X ^h		X						
Legumes, their products and by-products	X							X		X ^d	X ^d	X ^d	X						
Dried grass meal	X							X		X	X	X	X						

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Hazard / Category of Feed material	Pesticides residues	Aflatoxine B1	DON	ZEA	Fumonisin	OTA	T2/HT2	Heavy metals 4 (As, Cd, Pb, Hg)	Heavy metals 5 (As, Cd, Pb, Hg + F)	Dioxines DL PCB's	Ndl PCB's	PAH4	Salmonella	Nickel	Hydrocyanic acid	Antibiotica	Clostridium	Methanol	Insoluble impurities	
(By-)products from fruit processing	X	X ⁱ						X		X	X	X			X ⁱ					
Fats, oils (including animal fats) and glycerine, with exception of products mentioned in par. 4.2	X							X ⁿ		X	X	X ⁱ		X ^k				X ⁿ	X ^m	
Fish, marine animals and (by)products	X							X		X	X	X	X			X ^l				

a Only for oat and oat products	f For protein rich products	k Only for solid fats
b Only for maize and maize products	g For yeast, if production process is unknown	l Only for fish and shrimps from non-EU countries
c Only for linseed	h For egg products and products containing fat	m Only for animal fat, legal requirement
d If dried	i Only for almonds and apricots	n Only for glycerine
e If delivery directly to farmer	j Only for vegetable oil and glycerine	

4.3.9 Purchase of feed for feed trial

4.3.9.1 *General*

Scope of application		
Feed product	Feed for feed trial <i>Note that this protocol is not referring to a specific feed product, but to the purpose for which the feed product is purchased.</i>	
Origin	All countries	
Applied by	GMP+ certified company with a production scope	
Applicable until	No time limit	
Requirements for the gatekeeper		
General	See chapter 4.1	
Specific requirements	If specific feed materials are part of the test, they do not have to be on the FSP Product list. If non-registered veterinary medicine or non-approved additives are processed, the gatekeeper must <ul style="list-style-type: none"> - have approval of the competent authority. - assure that the produced test feed does not lead to undesired contamination of GMP+ feed. - assure that residues (as a result of carry-over) do not exceed the GMP+ limit (max 1ppm). 	
Supplier evaluation	a) Hazard analysis	Yes
	b) Supplier audit	Recommended
	c) Sampling	Each batch <i>For batch definition see GMP+ A2</i>
	d) Testing	Based on HACCP
Records	Gatekeeper must register: <ul style="list-style-type: none"> • the raw materials, production methods, process flow and environment from which the feed is derived, to be able to complete the risk assessment for each feed. • name and address data of the producer • purchased feed material • results of analysis • other relevant information 	

	<p>Records and documentation related to the application of this protocol must be documented. This must be available for the auditor and – upon request– for GMP+ International.</p> <p><i>Note: (parts) of the above listed information might not always be available. In the framework of application of HACCP-principles, this lack of information can result in defining more control measures and monitoring.</i></p>
Notification about application of this protocol	
Notification to the Certification Body	Yes
Notification to GMP+ International	Yes, before you start using this protocol, via this LINK . It is required to notify GMP+ International each time when you use this gatekeeper protocol for a new combination of producer and product.

4.4 Feed services

4.4.1 Purchase of road transport

Scope of application	
Feed service	<ul style="list-style-type: none"> • Road transport in bulk • Road transport of vegetable foodstuffs in “for foodstuffs only” loading compartments
Origin	<p>Applicable for road transport outside of countries listed below:</p> <ul style="list-style-type: none"> • Austria • Belgium • Czech Republic • Germany • France • Poland • The Netherlands • United Kingdom <p>This gatekeeper protocol can also be applied for road transport in every country in the following cases:</p> <ul style="list-style-type: none"> • During harvest for a period of 90 days (which can also be non-consecutive), for transport of unprocessed agricultural products directly from the grower . • Transport of hay/straw on flatbed/ curtainsiders trucks • Transport of vegetable foodstuffs in “for foodstuffs only” loading compartments
Applied by	GMP+ certified company with a production or trade scope
Applicable until	No time limit
Requirements for the gatekeeper	
General	See chapter 4.1

<p>Specific requirements</p>	<p>Gatekeeper must:</p> <ol style="list-style-type: none"> 1. have a quality/ feed safety assurance agreement with the non-certified carrier; 2. have, if applicable, an agreement for transport of hay and straw. See for an example GMP+ D2.6 <i>Guidance documents for specific GMP+ application</i>. This information can also be included in the CMR instead. If the delivery address is another GMP+ certified company, this agreement is not necessary. 3. establish that the transport company complies with all the applicable legal obligations relating to feed ⁶; 4. receive information about: <ul style="list-style-type: none"> • at least the last 3 previous loads, • the cleaning operations performed after them • any transport of forbidden loads; 5. provide instructions about: <ul style="list-style-type: none"> • cleaning and/or disinfection in accordance with the IDTF and the visual inspection • handling of aberrant load, • handling of forbidden loads, etc. 6. provide instructions about keeping records as part of tracking and tracing; 7. check on the compliance with the agreement. This check is done by means of an initial and periodic inspection carried out by a loading inspector⁷. If prohibited loads have been transported, the release procedure must be carried out. See for this the section Procedures on the IDTF website. <p>Additionally, when “for foodstuffs only” loading compartments are used for transport of vegetable foodstuffs⁸ for use in feed, they must be marked as such in a clearly visible and indelible fashion. “For foodstuffs only” loading compartments must be covered by HACCP certification of the carrier.</p>	
<p>Supplier evaluation</p>	<p>a) Hazard analysis</p>	<p>Yes</p>
	<p>b) Supplier audit</p>	<p>Yes, by means of an initial and periodic inspection</p>
	<p>c) Sampling</p>	<p>Not applicable</p>
	<p>d) Testing</p>	<p>Not applicable</p>
<p>Records</p>	<p>Gatekeeper must register:</p> <ul style="list-style-type: none"> • the name, address and registered offices of all transporters assured by him. • unique identification of assured loading compartments (number plates etc.) • quality assurance agreement 	

⁶ For member countries of the European Union, for example, there is an obligation to register under Reg. (EC) 183/2005.

⁷ For definition of loading inspector see the GMP+ A2

⁸ Vegetable foodstuffs are all vegetable “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” (Re (EC) No 178/2002). This does not include by-products of food industry.

	<ul style="list-style-type: none"> • agreement for transport of hay and straw • instructions to the person responsible • report of initial and periodic inspections <p>Records and documentation related to the application of this protocol must be documented. This must be available for the auditor and – upon request – for GMP+ International.</p>
Notification about application of this protocol	
Notification to the Certification Body	Yes
Notification to GMP+ International	<p>Yes, before you start using this protocol, via this LINK.</p> <p>It is required to notify GMP+ International each time you start to use this gatekeeper protocol in another country.</p>

4.4.2 Purchase of inland waterway transport

Scope of application	
Feed service	Inland waterway transport in bulk
Origin	Applicable for inland waterway transport outside of countries listed below: <ul style="list-style-type: none"> • Austria • Belgium • Czech Republic • Germany • France • Poland • The Netherlands
Applied by	GMP+ certified company with at least the scope Af-freightment of inland waterway transport
Applicable until	No time limit
Requirements for the gatekeeper	
General	See chapter 4.1
Specific requirements	<p>Gatekeeper must:</p> <ol style="list-style-type: none"> 1. have a quality/ feed safety assurance agreement with the non-certified barge; 2. establish that the barge complies with all the applicable legal obligations relating to feed⁹ 3. receive information about: <ul style="list-style-type: none"> • at least the last 3 previous loads, • the cleaning operations performed after them • any transport of forbidden loads 4. provide instructions about: <ul style="list-style-type: none"> • cleaning and/or disinfection in accordance with the GMP+ B4.3 <i>Short Sea Shipping and Inland Waterways Transport</i>, • keeping records as part of tracking & tracing, • handling of aberrant load, • handling of forbidden loads, etc. 5. check on the compliance with the agreements by means of initial inspection carried out by GMP+ auditors / inspectors, accepted for the scope af-freightment of short sea and inland waterways transport. If prohibited loads have been transported, the release procedure for inland waterway transport must be carried out. See for this GMP+

⁹ For member countries of the European Union, for example, there is a duty of registration under Reg. (EC) 183/2005.

	<p>B4.3 <i>Short Sea Shipping and Inland Waterways Transport.</i></p> <p>6. before each loading of feed arrange a loading compartment inspection (LCI) by a Control Organisation (CO) in accordance with the GMP+ requirements of the GMP+ B4.3. For definition of CO see GMP+ A2.</p>	
Supplier evaluation	a) Hazard analysis	Yes
	b) Supplier audit	Yes, by means of an initial inspection
	c) Sampling	Not applicable
	d) Testing	Not applicable
Records	<p>Gatekeeper must register:</p> <ul style="list-style-type: none"> • the name, address and registered offices of all owners of barges assured by him. • unique identification of assured barges • quality assurance agreement • instructions to the person responsible • report of initial inspection • LCI reports <p>Records and documentation related to the application of this protocol must be documented. This must be available for the auditor and – upon request – for GMP+ International.</p>	
Notification about application of this protocol		
Notification to the Certification Body	Yes	
Notification to GMP+ International	<p>Yes, before you start using this protocol, via this LINK.</p> <p>It is required to notify GMP+ International each time when you use this gatekeeper protocol in another country.</p>	

4.4.3 Purchase of storage and transshipment

Scope of application			
Feed service	Storage and transshipment		
Origin	Applicable for storage and transshipment outside of countries listed below: <ul style="list-style-type: none"> • Austria • Belgium • Germany • Luxembourg • The Netherlands • United Kingdom 		
	This gatekeeper protocol can also be applied in all countries in the following cases: <ul style="list-style-type: none"> • Bulk storage <u>at the grower</u> immediately following the harvesting of unprocessed agricultural products • Temporary (until the next harvest) storage of vegetable primary products, ensiled immediately following the harvesting. • Temporary (less than 6 consecutive months) bulk storage or transshipment immediately following the harvesting of vegetable primary products. • Storage and transshipment of packaged feeds. 		
Applied by	GMP+ certified company with a production or trade scope.		
Applicable until	No time limit		
Requirements for the gatekeeper			
General	See chapter 4.1		
Specific requirements	Gatekeeper must: <ol style="list-style-type: none"> 1. have a quality/ feed safety assurance agreement with the non-certified storage and transshipment company; 2. establish that the storage and transshipment company complies with all the applicable legal obligations relating to feed.¹⁰ 3. provide instructions in the relevant requirements (hygiene, keeping records as part of tracking and tracing, pest control, what to do in the event of the determination of aberrant feed product etc.). 4. check on the compliance with the agreements during the supplier audit. 		
Supplier evaluation	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">a) Hazard analysis</td> <td style="width: 50%;">Yes</td> </tr> </table>	a) Hazard analysis	Yes
a) Hazard analysis	Yes		

¹⁰ For member countries of the European Union, for example, there is an obligation to register under Reg. (EC) 1831/2003.

	b) Supplier audit	Yes by means of an initial inspection and after that a risk based periodic inspection.
	c) Sampling	Not applicable
	d) Testing	Not applicable
Records	<p>Gatekeeper must register:</p> <ul style="list-style-type: none"> • the name, address and registered offices of all storage and transshipment locations assured by him • quality assurance agreement • instructions to the person responsible • report of the supplier audit <p>Records and documentation related to the application of this protocol must be documented. This must be available for the auditor and – upon request – for GMP+ International.</p>	
Notification about application of this protocol		
Notification to the Certification Body	Yes	
Notification to GMP+ International	<p>Yes, before you start using this protocol, via this LINK.</p> <p>It is required to notify GMP+ International each time you start to use this gatekeeper protocol in another country.</p>	

4.5 Special gatekeeping options

A feed company purchases besides the specific feed or feed services for which in the previous chapters gatekeeping requirements have been given, a lot of other products and services. Examples: silage agents, cleaning agents, lubricants, feed medicines, silo cleaning service, etc. See for more information D3.5 *Where does GMP+ FSA certification start?*

Purchase of these products and services must be based on the results of a hazard analysis.