

Hygiene and Quarantine Requirements for the Importation into China of Plant-based Processed Protein Feed

Article 1 (*Scope*) The requirements apply to the exportation of plant-based processed protein feed to the People's Republic of China. plant-based processed protein feed (hereinafter referred to as “plant feedstuffs”) refers to by-product which is other than feed grain and forage grass and used as feed derived from grain, oil crops and so on, such as wheat bran, bran coat, soybean cake/meal, peanut cake/meal, rapeseed cake/meal, cottonseed cake/meal, sunflower cake/meal, safflower seed cake/meal, linseed cake/meal, coconut cake/meal, palm cake/ meal, DDGS from maize, DDGS form cassava, beet pulp and so on.

Article 2 (*Access requirement*) Competent authority of the exporting country or region (hereinafter referred to as CA) who intends to export plant feedstuffs to the People's Republic of China, should submit its documented application to the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China (hereinafter referred to as AQSIQ) together with the proof of trade possibility and response of *Questionnaire on export of plant-based bran, cake meal and dreg feed to the People's Republic of China* (Annex 1). AQSIQ will then carry out risk assessments based on the response, and if necessary, send experts to the exporting country or region to carry out assessment on supervision system. Products which are permitted to export to China as the result of above risk assessment will be listed on "The List of Countries and Regions and the Allowed Import Feed” and be accessible at the AQSIQ’s official website.

Article 3 (*Registration requirements for production and processing enterprises*) Processing enterprises exporting feed to China should be registered at AQSIQ, and exporting feed should come from such registered enterprises.

The overseas production and processing enterprises should comply with relevant requirements of legislation, regulations and quality assurance standards of exporting country or region, and comply with the equivalent requirements of legislation, regulations and quality assurance standards of China. The CA of the exporting country or region should recommend the eligible production and processing enterprises which go through the examination to AQSIQ. Recommendation materials should include:

1. Information on production and processing enterprises: name, address, official approval number of the enterprise;
2. Registration information: name, principal ingredients and purpose, etc of registered product;
3. Official certification: which is intended to certify that, the recommended enterprise is has gotten the approval of CA and its products are allowed to be sold freely in

exporting country or region.

AQSIQ will review the materials and register the enterprises which pass the examination, and publish the list of approved enterprises at the official website of AQSIQ.

Article 4 (*Requirement of import license*) For plant-based feed which is allowed to enter into Chinese market, the importer should submit application to AQSIQ for acquiring License for Quarantine of Entry Animals and Plants before signing the trade contracts. As for products from genetically modified organisms (hereinafter referred to as GMO), the importer should submit application to competent administrative department for agriculture in China for acquiring Safety Certificate of Agricultural Genetically Modified Organisms and Approval Document of Examination and Certification for Agriculture Transgenic Biological Mark.

Wheat bran should be processed in the specified manufacturer after being imported into China, and shall be under the supervision of the inspection and quarantine institution.

Article 5 (*Conditions of production enterprises*) Production and processing enterprises should implement HACCP Quality Management System or quality management system established based on HACCP concept, implement product recall and traceability system; its processing should get the approval of CA of the exporting country or region and be under official supervision.

Article 6 Plant-based feed imported into China should meet the following requirements:

(*Quarantine requirements*) Don't contain China's entry plant quarantine pests (Announcement by the Ministry of Agriculture of the People's Republic of China, No. 862, 2007, and revised), soil, animal carcasses, animal waste, plant or animal residues, whole seed etc.

(*Requirements on GMO products*) No GMO composition which didn't go through the official approval. GMO remark should be labeled in accordance with Chinese provisions if there are any GMO composition products.

(*Safety and hygiene requirements*) No any animal derived material. Comply with safety and hygiene requirements on plant-based feed in China (see Annex 2).

(*Processing requirements*) The products have been subjected to either:

Heat treatment: the core temperature at not less than 85°C for at least 5 minutes;(for wheat bran, the relative humidity should not be less than 80%);

or other equivalent treatments approved by AQSIQ.

(*Packaging requirements*) Packaging of goods should be clean and hygienic, and used for

the first time.

(Label requirements) The packaging of goods should have label in Chinese. The label should comply with the specifications laid down in compulsory national standard of the People's Republic of China for Feed Label (GB 10648-1999), bearing the manufacturer's registration number.

The consignments in bulk must be packaged and labeled at the location approved by the inspection and quarantine institution before their entry. Labeling may be exempted provided that the consignments in bulk are directly transported to the production and processing enterprises designated by the inspection and quarantine institution and are used for producing feed.

(Transportation requirements) Conveyance should be clean, hygienic, and without pest and residues from previous cargo loading, and it also requires no being contaminated during the transportation.

Article 7 *(Requirements on exporting certificate)* CA of exporting country or region is responsible for issuing phytosanitary certificate according to international standards for phytosanitary measures, No.12 Guidelines for Phytosanitary Certificates, and submit the product's safety and hygiene statement. The phytosanitary certificate should specify the name and registration number of the production enterprises. If there is any treatment before exporting or during transportation, the certificate should also specify pest treatment and treatment indicators related information.

The product's safety and hygiene statement should include the following content:

1. We realized the safety and hygiene requirement of plant-based processed protein stipulated by AQSIQ. The product do not contain any hazardous substances which pose a risk to public or animal health, and in compliance with the safety and hygiene standards of China.
2. Random samples have been taken during production and/or during storage (before dispatching) from each processed batch to verify compliance with the following standards:

Salmonella: absence in 25 g: $n = 5, c = 0, m = 0, M = 0$

Enterobacteriaceae: $n = 5, c = 2, m = 10, M = 300$ in one gram

where:

n = number of samples to be tested;

m = threshold value for the number of bacteria; the result is considered satisfactory if the number of bacteria in all samples does not exceed m ;

M = maximum value for the number of bacteria; the result is considered unsatisfactory if the number of bacteria in one or more samples is M or more;

and

c = number of samples the bacterial count of which may be between m and M , the sample still being considered acceptable if the bacterial count of the other samples is m or less.

- The product doesn't contain any GMO component which is not approved by China.

Annex:

Standards for Safety and Hygiene Concerning Imported Plant-based Bran, Cake Meal and Dreg Feed

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Number	Standards for safety and hygiene	Products	Indicator
1	Permitted level of mold (per gram of product), the total number of $\times 10^3$	Wheat bran Bran coat	<40
		Soybean cake/meal cottonseed cake / meal rapeseed cake / meal	<50
2	Permitted level of aflatoxin B1 (per kg product), μg	Peanut cake / meal Cottonseed cake / meal Rapeseed cake / meal	≤ 50

Number	Standards for safety and hygiene	Products	Indicator
		Soybean cake/meal	≤30
3	Permitted level of Cadmium (as Cd) (per kg product), mg	Rice bran	≤1.0
4	Permitted level of Cyanide (as HCN) (per kg product), mg	Linseed cake/meal	≤350
5	Permitted level of Nitrite (as NaNO ₂) (per kg product), mg	All-cakes/meals Wheat bran Rice bran	≤20
6	Permitted level of free gossypol (per kg product), mg	Cottonseed cake / meal	≤1200
7	Permitted level of Isothiocyanate (as allyl isothiocyanate) (per kg product), mg	Rapeseed cake / meal	≤4000
8	Permitted level of hexachlorocyclohexane (per kg product), mg	Rice bran Wheat bran Soybean cake/meal	≤0.05
9	Permitted level of Dichlorodiphenyltrichloroethane(per kg product), mg	Rice bran Wheat bran Soybean cake/meal	≤0.02
10	Salmonella	Feed	Not detected
11	Malachite green	Feed	Not detected
12	Melamine	Raw materials and products of feed	≤2.5mg/kg

Note: The permitted level is calculated based on the feed with 88% dry matter content.