

Chilean Feed Regulation Dioxins



SAG
Ministerio de
Agricultura

Gobierno de Chile

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Departamento de Proyectos Transversales
División de Protección Pecuaria

Topics

1. Background on SAG
2. Feed General Regulation in Chile
3. Specific Regulation on Dioxins
4. Dioxin Surveillance Program for Feed

Servicio Agrícola y Ganadero - SAG



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Agricultura

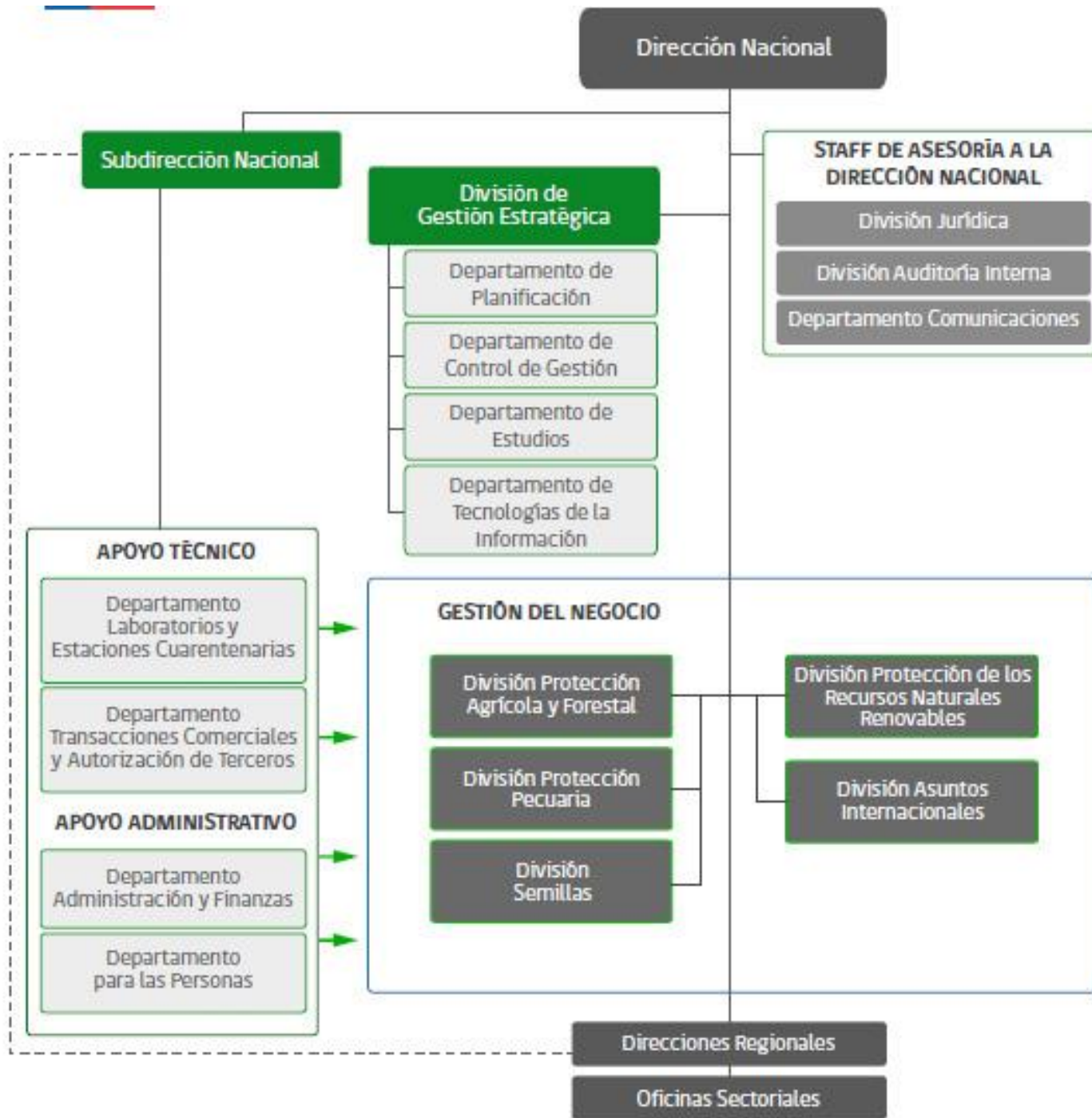
Gobierno de Chile

History

- **July 28, 1967: Servicio Agrícola y Ganadero, SAG**
- The regulations and objectives that apply to SAG are established in the **Law 18.755 of 1989**
- Agriculture Ministry
- Indefinite duration
- Own property

Mandate

- Chilean official body, in charge of supporting the development of agriculture, forests and livestock, protection and improvement of animal health and plants.



División de Protección Pecuaria

Sección de Gestión



Departamento de sanidad animal

- Subdepartamento regulación de importaciones pecuarias.
- Subdepartamento vigilancia y control de enfermedades.
- Subdepartamento registro y control de medicamentos veterinarios.
- Sección de análisis de riesgo y gestión sanitaria.

Departamento de inocuidad y exportaciones.

- Subdepartamento rubro cárnicos.
- Subdepartamento rubros procesados y mercado nacional.
- Subdepartamento control de contaminantes.

Departamento de proyectos transversales.

- Subdepartamento de información pecuaria.
- Subdepartamento de alimentos animales.
- Subdepartamento de control predial para exportación.
- Subdepartamento de Bienestar Animal.

Feed Department

- Lyly Ruiz, secretary
- Mónica Contreras, Ing. Agroind. ©
- Minda Sánchez, MV
- Juan Alarcón, MV
- Alejandro Pozo, MV

35 Nataniel Cox
Santiago, Región Metropolitana

Street View - ago. 2015



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Regional Structure

- 15 regional offices
- 66 sectorial offices
- 96 border controls for plants and animals
- 11 laboratories



Considerations



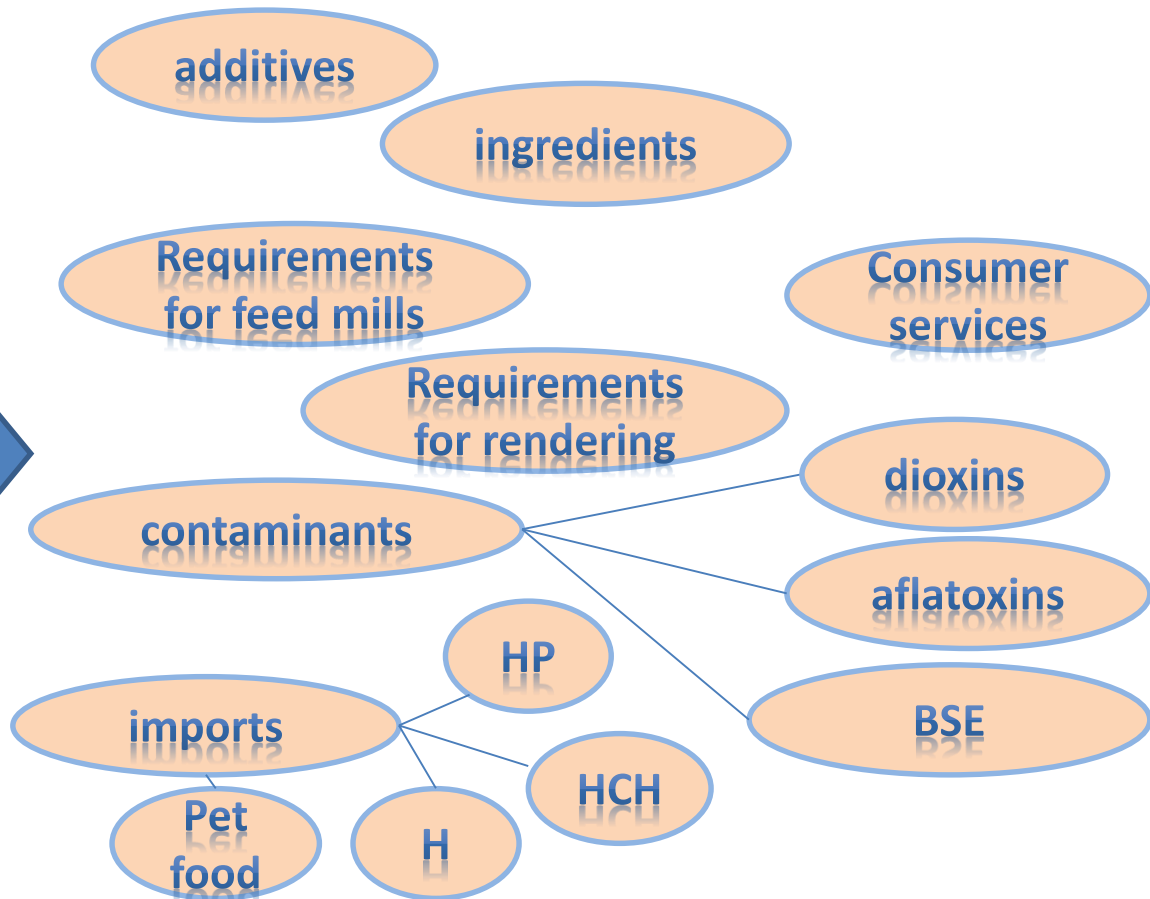
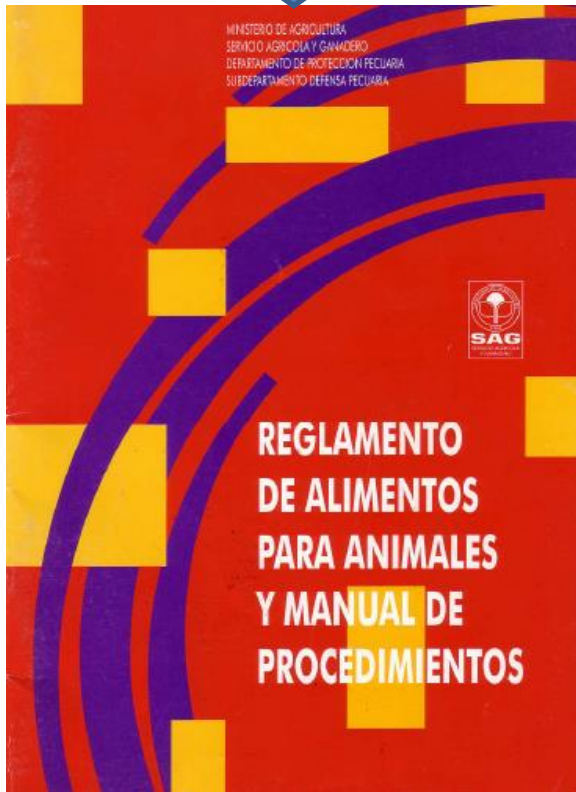
Feed: basis for production of livestock due to the effect in production and productivity of the sector.

Control of sanitary and safety aspects, inherent to the use of these products, may have a negative impact in animal and human health as well as in exports.

Standards from international organizations (OIE, Codex Alimentarius, FAO) establish that the veterinary services must strengthen the activities related to control and inspection of complete feed, supplements, ingredients and additives for feed.

Normative

Law 18.755 of 1989 from SAG



Law 18.755

Article 3 – To comply with its objectives, SAG will have the following activities and responsibilities:

- m) Apply and **inspect** the compliance of legal regulations for... feed... and others.

Decree 307/1979 and modifications

Feed Regulation

Objectives

Article 1

Aiming to protect the animal health and prevent diseases that may affect them, the following activities are subject to the compliance of the present regulation: manufacturing, importation and exportation, storage, distribution, sales and transportation of complete feed, supplements, additives and ingredients for feed.

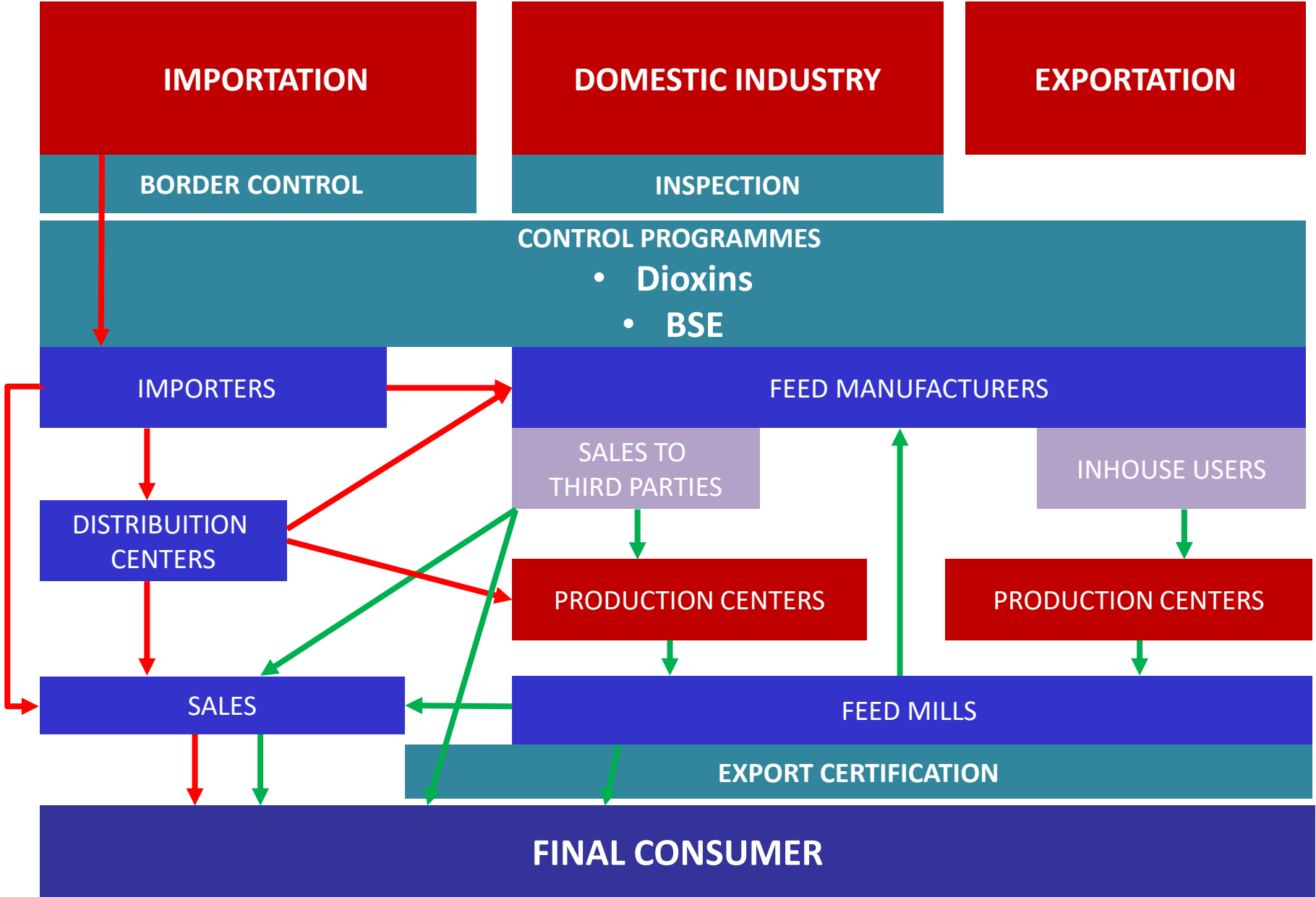
Obligation to communicate the Official Service

Article 14

Feed establishments that manufacture complete feed, supplements, additives and ingredients shall have a professional that will act as a Technical Director. The owners of the establishments and its representatives shall communicate the Official Services, as to enable the compliance to this regulation requirements, the appointment of the owner, the address of the establishment and the appointment of the professional that will be in charge of the technical direction.

Importers, exporters, distributors, storage keepers and users of complete feed, supplements, additives and ingredients shall communicate the Official Services, as to enable the compliance to this regulation requirements, the appointment of the owner, the address of the establishment.

Regulation: Competences



Objectives

1. Determine the level of compliance to the general and specific sanitary regulations applicable to each of them.
2. Request the appropriate corrective action and in case of merit, issue a document of non compliance.
3. Obtain general and specific information from each of the establishments that manufacture feed for the domestic market, aiming to characterize them (target species, production information, address, etc)

Specific regulations

Regulation 5580/2005

Establishes the requirements for the operation of feed mills.

Regulation 2487/2009

Establishes the operational and structural requirements for industrial plants of animal origin ingredients.

Regulation 5025/2009

Establishes the scope for the Quality Assurance Programme for the industrial plants producing complete feed, supplements and ingredients of animal origin.

Specific regulations

Regulation 557/1980

Establishes a list and parameters for feed ingredients to be used in the manufacturing of feed and supplements.

Regulation 4808/2008

Makes additions to 557, prohibit oils of second use.

Regulation 1992/2006 and Complementary Regulation 5324/2011

Establishes a list of authorized additives for the manufacturing of feed and supplements.

Specific regulations

Regulation 3138/1999

Establishes the requirements for the registration of establishments that will export products to Chile.

Regulation 1233/2013

Establishes the sanitary requirements for the import of pet food.

Regulation 699/2001

Alters the sanitary requirements for the entrance of HCH.
Establishes the process parameters.

Specific regulations

Regulation 736/1992

Establishes the maximum levels for aflatoxins in ingredients and complete feed.

Regulation 1032/2009

Establishes maximum levels for dioxins and dl-PCBs in feed.

Regulation 5037/2005

Establishes the sanitary measures for the prevention of BSE.
Establishes the operational requirements, particle size and animals requirements.

Specific regulations

Regulation 2084/2013

Establishes the list of exporting establishments of feed. (LEEAA).

Regulation 1706/1983

Requirements for the operation of sales establishments of feed, supplements and additives.

Regulation 3832/2002

Establishes the sanitary requirements for the imports of feather meals.

Specific regulations

Regulation 2778/2012

Establishes the sanitary requirements for the imports of blood products.

Decree 307

- Article 14 - Communication of the starting of the activities:

www.sag.cl > Husbandry > Feed materials > Animal feeding >
Communication of the starting of the activities

- Article 4 – Requirement of the list of suppliers and purchasers. Requirements of first use packaging, sealed and labeled.
- Article 5 and 6 – Feed labels

Decree 307

- ***Article 7 – Prohibition of marketing of altered, adulterated, counterfeited, contaminated feed***
- Article 9 – Permitted additives and ingredients establishments, requirements for feed mills, stores and sales places.

Regulation 1032/2009

Biblioteca del Congreso Nacional de Chile



Legislación chilena



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Tipo Norma	:Resolución 1032 EXENTA
Fecha Publicación	:05-03-2009
Fecha Promulgación	:24-02-2009
Organismo	:MINISTERIO DE AGRICULTURA; SERVICIO AGRICOLA Y GANADERO; DIRECCIÓN NACIONAL
Título	:ESTABLECE LÍMITES MÁXIMOS DE DIOXINAS Y BIFENILOS POLICLORADOS SIMILARES A DIOXINAS EN PRODUCTOS DESTINADOS A LA ALIMENTACIÓN ANIMAL
Tipo Versión	:Ultima Versión De : 17-03-2011
Inicio Vigencia	:17-03-2011
Id Norma	:287791
Ultima Modificación	:17-MAR-2011 Resolución 1554 EXENTA
URL	: http://www.leychile.cl/N?i=287791&f=2011-03-17&p=

Regulation 1032/2009

- Need to establish a regulation after the incident with pork meat.
- Establishments that were not considered for the SAG inspections till this moment.
- Reports of the inspections of producing establishments or suppliers of high risk feed ingredients.

Regulation 1032/2009

Establishes maximum limits for dioxins and dl-PCBs in feed.

Article 1

Prohibits the manufacturing, importing, exporting, storing, sales and transport of feeds that contain levels of dioxins and dl-PCBs above the limits established in this resolution.

Regulation 1032/2009

Establishes maximum limits for dioxins and dl-PCBs in feed.

Article 2

Establishes the maximum limits for the contaminant

1. Table in TEQ/OMS
2. Divided in dioxins and dioxins+PCBs
3. Categorized by types of ingredients

Ingredient	Dioxins/Furans	Dioxins/Furans + PCB
Ingredients of vegetable origin	0,75	1,25
Vegetable oils	0,75	1,5
Ingredients/additives of mineral origin	1	1,5
Animal fat	2	3
Other animal origin products	0,75	1,25
Fish oil	6	24
Fish, other aquatic animals and their products	1,25	4,5
Hidrolized fish products >20% grasa	2,25	11

Ingredient	Dioxins/Furans	Dioxins/Furans + PCB
Additives, clays, CaSO ₄ ·2H ₂ O, vermiculite, natrolite, phonolite, calcium aluminates, clinoptilolite	0,75	1,5
Trace elements	1	1,5
Supplements	1	1,5
Complete feed	0,75	1,5
Feedstuffs for fish Pet food	2,25	7

Regulation 1032/2009

Establishes maximum limits for dioxins and dl-PCBs in feed.

Article 3

Analysis by semi quantitative method, sample will be positive when it is above 75% of the permitted level.

Article 4

SAG will communicate the results to the establishment. The establishment will have to adopt corrective measures and communicate them to SAG.

Article 5

Sample will be analysed by HRGC/HRMS.

Article 6

The result is considered the final.

Article 7

Ingredient can not be used in animal feeding.

Regulation 1032/2009

Establishes maximum limits for dioxins and dl-PCBs in feed.

Article 8

Analysis will only be done in accredited laboratories recognized by SAG.



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Regulation 1032/2009

Establishes maximum limits for dioxins and dl-PCBs in feed.

Article 9

Samples analysed by industry and that have positive results, shall be immediately communicated to SAG.

Regulation 4808/2009

Makes additions to regulation 557 that established a list and parameters for ingredients to be used in feed manufacturing

Article

They are only authorized as ingredients in the manufacture, processing, import, export, storage, distribution, sale and transport of animal feed: stabilized animal fats, stabilized fish oils, hydrogenated fish fat, stabilized tallow, acid stabilized soap (fatty acid) and stabilized refined vegetable oils, provided these are first-use.

Regulation 5025/2009

Establishes the scope for the Quality Assurance Programme for the industrial plants producing complete feed, supplements and ingredients of animal origin.

Article 1

An analysis of their facilities and equipment to estimate and preventively implement the influence they may have on the introduction of certain biological, physical or chemical hazards that may affect the safety of the foods and supplements they produce.

Thank you

<http://www.sag.cl/ambitos-de-accion/alimentacion-animal>



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