



São Gabriel, March 06<sup>th</sup> 2017.

## STATEMENT OF COMPLIANCE (HACCP-PREERQUISITES LETTER)

### 1 APPROVALS AND CERTIFICATIONS

Frigorífico Marfrig Global Foods S.A., Establishment N°847 is approved by the European Commission (Food and Veterinary Office) and the US Food Safety and Inspection Service (FSIS –USDA) to produce for export bovine meat fresh, frozen, to United States. We certify that our programs and operations comply with all applicable USDA-FSIS regulations and that incoming cattle comply with all applicable FDA and USDA regulations.

Establishment N° 847 in the handling of the Specific Risk Material (SRM) in the Plant is conformed with the Official Brazilian Rules effective at the moment, in accordance with the Federal Register Rules and Regulations (CFR) N° 310.22 OF January 12<sup>th</sup>, 2004. Brazil is listed at the World Organization of animal health (OIE) current Resolution as having negligible Bovine Spongiform Encephalopathy (BSE) risk in accordance with Chapter 2.3.13 of the Terrestrial Code. Therefore, the HACCP plan is in compliance with FSIS NOTICE 31<sup>st</sup>, 2007, of SRM final rule.

The Pathogen Reduction component mandated a program of bacteriological testing of bovine carcasses for the presence of Escherichia coli generic and Salmonella spp. bacteria to verify the effectiveness of process controls for hygiene and sanitation under the plant's HACCP program.

Establishment N° 847 is GSFS (BRC) Issue 7 (January 2015) certified, achieving Grade AA, for the following activities: slaughtering of cattle, quartering, deboning, chilled and frozen or beef cuts, chilled and frozen offals and stomachs. Salted beef cuts and offals.

Establishment N° 847 is ISO 22000:2005 (Food safety management systems-requirements for any organization in the food chain) certified, for the following activities: Stock reception process for slaughter, Slaughtering process, Maturation, Quartering, Deboning and Packing process of frozen or chilled, bovine, bovine meat fresh, frozen. Certified valid from 22 jan, 2011 until December 29, 2017.



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## 2 HACCP AND PREREQUISITES PROGRAM

HACCP plan and the prerequisite programs (SSOP, SPS and GMP) has been audited by the Ministry of Livestock of Brazil, and accepted as satisfactory and was audited by European Union and the inform very satisfactory and by the most of the external Official sanitary authorities: Chile, E.U., Israel and others.

The Company has in place a fully documented Good Manufacturing Practice- SPS (Sanitation performance standards), Sanitation Standard Operating Procedures (SSOP) and Hazard Analysis Critical Control Point (HACCP) integrated of our quality assurance system:

Complies with Uruguayan Ministry MGAP guidelines for meeting FSIS Pathogen Reduction / HACCP requirements.

The prerequisites includes:

- Documented pest control program designed to prevent pest activity within the plant and its surrounding area, by Licensed Pest Control Operators.
- Implemented written training programs sufficient to ensure that HACCP plans, pre requisites are properly executed.
- There is documented employee hygiene practices program.
- Traceability system.
- We comply with Animal welfare protocol and we have documented program outlining animal handling in compliance.

The HACCP plan is audited by Ministry of Agriculture supervisors on plant.

It has internal audits (GMP, SSOP, HACCP every year)

The company is audited by most of the customers and external Official sanitary Authorities including:

The good Manufacturing Practices (GMP's), SPS, Sanitation Standard Operating Procedures (SSOP's) and Hazard Analysis Critical Control Point (HACCP) integrated system of quality assurance.

The Company compliance with USDA –FSIS prohibitions on SRM.

SSOP's implementation, monitoring, corrective action and documentation.

Critical limit justification and validation against official a scientific documentation.

Critical control monitoring, verification and validation procedures.

The company verifies the HACCP System by:

Analytical test and or audit the monitoring procedures.

Calibration of the equipment.

Sampling of the products.

Review the monitoring records.

Review the deviations and product dispositions.

Sample the environment and other concerns.

Its internal audit (GMP, SSOP, HACCP, Quality system) minimum once a year.



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### 3 PATHOGEN REDUCTION PROGRAM

Salmonella has not been detected in any randomly selected carcass sample tested.

In relation to E. coli O157:H7, establishment 847 confirms that its HACCP Plan has been reassessed in accordance with Federal Register Notice 9 CFR Part 417( Docket N° 00-022N) 7 October 2002 Titled E. coli O157:H7 and according with Notice 65-07 October 2007 for raw ground beef manufacturing trimming: USDA. The HACCP Team of the Company consider E. coli O157: H7 is a hazard reasonably likely to occur in its products without the implementation of a HACCP Plan.

In relation to Shiga toxin-producing Escherichia coli (STEC) (O26, O45, O103, O111, O121 and o145) Establishment 847 confirms that its HACCP plan has been reassessed.

The STEC are send to external laboratory and the methodology used is BAX PCR – real time bases in USDA MLG for the detection of Shiga toxin- producing Escherichia coli (nonO157).

We have an environmental sampling for Listeria sp. Implemented.

The plan includes the following measures (according with FSIS Directive 6410.1 Verifying Sanitary Dressing and process control procedures in slaughter operations of cattle of any age).

- Animals should arrive with minimum mud and faecal contamination and avoid overcrowding to reduce the possibility of injury or unsanitary conditions.
- Livestock pens capacity is sufficient to hold a single day 'kill.
- Washing of cattle to eliminate contamination on their hides, monitoring, verification, take corrective action if there is deviation (Good manufacturing Practice and SSOP).
- Minimize contamination of the carcass (monitoring and verified by quality Assurance operator).
- Good manufacturing practice and SSOP operations for hide removal (with 2 knives of different colours) (Monitored and verified by quality assurance personal).
- Prior to evisceration, the rectum is secured with a ring and plastic protection to prevent contamination.
- All visible contamination is removed as soon as possible after it occurs to prevent microbial attachment with knife trimming (monitoring, verified, corrective measure and corrective if it is necessary) (Monitored, verified, corrective measure and corrective if it is necessary).
- Measures to control the holding temperature of the carcass after the final wash is the CP 3 ensure that the reduction in microbial effective (carcass temperature is recorded daily and verified by quality assurance personal).
- 180°F (82,5°C) water knife / equipment sanitizers are utilized.
- As a part of the HACCP reassessment, the slaughter plan is in compliance with USDA-FSIS Notice 5607 of the "SRM final rule, about the proper removal, segregation, and disposal of Specified Risk Materials.
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The efficacies of these interventions are verified by microbiological testing for E. coli O157:H7 using methodologies Official method AOAC 2000.14.

Microbiological testing is used to also verify the effectiveness of interventions and process controls at slaughtering:

Since November 2016, considering the new sampling method (n=60 for each lot), tests have been made for E. coli O157:H7 according with it.

MONTH	SAMPLES	TOTAL NEGATIVE TESTS	TOTAL POSITIVE TESTS
<b>October</b>	42	42	0
<b>November</b>	44	44	0
<b>December</b>	30	30	0
<b>January</b>	44	44	0
<b>February</b>	113	113	0

Only product that complies with HACCP requirements and tested “negative” for E. coli O157:H7 is shipped.

Marfrig Group São Gabriel 847 confirms that its HACCP Plans have been reassessed in reference to the new regulation of USDA / FSIS Control Programs for Non- O157 shiga toxin-producing Escherichia coli (Non O157 STEC)

**Company Objectives and management:**

Frigorific Marfrig Global Foods, São Gabriel 847 is committed to implement and maintain compliance with the HACCP Plan, Good manufacturing Practices, Standard Operating procedures, quality policies (Quality control assurance) in order to improve the safety and quality of the product.

Sincerely yours,



**HACCP Team leader - Quality Assurance Manager**

**São Gabriel/RS/ Brazil**

**FIS 847**



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