

## BOVAMINE Defend®

### Product Information

Version: 1 PI GLOB EN 09-22-2016

### Description

BOVAMINE Defend® is a direct fed microbial additive for Feedlot Cattle. Contains a source of live (viable), naturally occurring microorganisms.

Material No:	715249	Storage temp:	< -20 °C / < -4 °F
Size	1000 g	Conditions:	Frozen, in commercial freezer
Type	Pouch(es) in box	Shelf life	12 months when stored as specified.

### Guarantee

Total Bacteria, minimum: 2 x 10<sup>9</sup> CFU\*/gram

\*Colony Forming Units

Microbial organism(s): *Lactobacillus animalis*, *Propionibacterium freudenreichii*

### Ingredients

Lactose, Silicon Dioxide, Dried Lactobacillus Animalis Fermentation Product, Dried Propionibacterium Freudenreichii Fermentation Product.

### Application

Direct Fed Microbial Additive for Feedlot Cattle

### Recommended usage

Use Rate: 1 g of Bovamine Defend® per head daily applied to feed.

Mix product in a ground grain carrier and TOP DRESS on feed daily according to instructions provided. For Total Mix Ration (TMR) spread the appropriate amount of product on the grain portion of the ration prior to mixing.

Each package contains a minimum of 2 x 10<sup>12</sup> CFU of *Lactobacillus animalis* and *Propionibacterium freudenreichii*.

### Head Treated

The contents of one pouch treats 1000 head.

### Handling

Store in a freezer. Place any unused contents in a sealed container and store in a freezer.

Avoid inhalation of dust. In case of inhalation, skin contact, or eye contact rinse with water.

### Specifications

#### Physical Properties

Color:	Off-white	Form:	Powder
Solubility:	Water soluble		

### Legislation

This product complies with national legislation.

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### Trademarks

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### Additional Information

Our strain production is FAMI-QS and ISO certified.

Buyer assumes all responsibility for use, storage and handling of this product. Chr. Hansen, Inc. makes no other claims or warranties expressed or implied and will not be responsible for consequential or incidental damages.

### Technical support

Chr. Hansen's Application and Product Development Laboratories and personnel are available if you need further information.

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### GMO Information

In accordance with the legislation in the European Union\* BOVAMINE Defend® does not contain GMOs and does not contain GM labeled raw materials\*\*. In accordance with European legislation on labeling of final food products\*\* we can inform that the use of BOVAMINE Defend® does not trigger a GM labeling of the final food product. Chr. Hansen's position on GMO can be found on: [www.chr-hansen.com/About us/Policies and positions/Quality and product safety](http://www.chr-hansen.com/About us/Policies and positions/Quality and product safety).

\* Directive 2001/18/EC of the European Parliament and of the Council of 12 March 2001 on the deliberate release into the environment of genetically modified organisms with later amendments, and repealing Council Directive 90/220/EEC.

\*\* Regulation (EC) No 1829/2003 of the European Parliament and of the Council of 22 September 2003 on genetically modified food and feed with later amendments.

Regulation (EC) No 1830/2003 of the European Parliament and of the Council of 22 September 2003 concerning the traceability and labeling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms amending Directive 2001/18/EC, and with later amendments.

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