

## Declaration for Chitosan and Chitin-Glucan for oenological use.

22/01/2020

### Food Ingredient Fit for Human Consumption

We hereby confirm that raw materials/ ingredients used in the production of aforementioned products have a high purity level. The aforementioned products do not contain components or admixtures injurious to the health of the consumers. They meet applicable standards for food for human consumption as defined in the *Australia New Zealand Food Standards Code*, United States Code of Federal Regulations, United States Department of Agriculture and European Food Commission.

Under the aforementioned manufacturing conditions these products are safe for their intended use.

### Food Safety / Food Defense

These products have been processed in a manner consistent with current Good Manufacturing Practices and HACCP. Practices include traceability, non-conformance, and recall. The facilities have written, implemented, recorded, and reviewed plans for manufacturing, processing, packaging, and holding food items. Additionally each production and storage facility has a plan specific to their building to address facility security and food security (food defense).

### Food Allergens

The product(s) sold have been produced without the foods or their derivatives that account for the majority of human food allergic reactions as listed in EU Reg.1169/2011 as amended.

These products are considered free of the following:

- Cereals containing GLUTEN and products thereof
- Crustaceans and products thereof
- Eggs and products thereof
- Fish and products thereof
- Peanuts and products thereof
- Soy and products thereof
- Milk (including lactose) and products thereof
- Tree Nuts and products thereof
- Celery and products thereof
- Mustard and products thereof
- Sesame seeds and products thereof
- Lupine and products thereof
- Molluscs and product thereof

Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO<sub>2</sub>

### OIV (Organisation Internationale de la Vigne et du Vin)

The products we market for use in oenology are listed in the OIV Code as allowed in wine production. These products are in conformance with the current oenological OIV Codex regulations.

### European regulation

Commission Delegated Regulation (EU) 2019/934 of 12 March 2019 supplementing Regulation (EU) No 1308/2013 of the European Parliament and of the Council as regards wine-growing areas where the alcoholic strength may be increased, authorised oenological practices and restrictions applicable to the production and conservation of grapevine products, the minimum percentage of alcohol for by-products and their disposal, and publication of OIV files.

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### **Food Additives**

No food additives, no preservatives or colourings have been used in the production processes of the aforementioned products.

### **Food Contact Packaging**

We hereby confirm that the packaging materials of these products are suitable for the packaging of food. The product contact packaging is consistent with EC 1935/2004 and EU 10/2011 as amended.

In addition, we have statements from our suppliers that phthalates or its derivatives [bis-phenol A, and poly brominated substances (PBBs & PBDEs)] will not be added or are present in any package or packaging component during the manufacturing process.

Furthermore, these substances are not used in the production of micro-organisms or in the manufacture of ingredients used in the final products.

### **Genetic Modification**

According to our knowledge, the microorganisms are as they were found in nature and have not been modified through genetic engineering. They have been rigorously checked and analyzed for identity and purity. Based on our suppliers' declarations, the raw materials used in the production process do not contain GMO. In these conditions, the aforementioned products do not contain GMO.

### **Nano-material**

The aforementioned products have not been produced with the use of nanotechnology and therefore do not contain any engineered nano-materials in accordance with Regulation (EU) No 1169/2011 of the European Parliament.

### **Radioactivity and Ionization**

The aforementioned products have not been ionized or irradiated and do not contain any ionized or irradiated components. They are compliant with directive 1999/2/EC of the European Parliament concerning foods and food ingredients treated with ionizing radiation and 21 CFR § 179 on irradiation in the production, processing and handling of food.

### **Use of Sewage Sludge**

Sewage sludge has not been used in the production of the aforementioned products.

### **Growth on Petrochemical Substrate**

The aforementioned products have not been grown on petrochemical substrate or sulphate waste liquor.

### **Ingredients of Animal Origin**

The manufacture and development of the aforementioned products and their ingredients do not involved the use of any animal product, by product or derivative. These products are therefore free of any risk from BSE (Bovine Spongiform Encephalopathy) and TSE (Transmissible Spongiform Encephalopathy).

### **Vegan and non-animal testing**

The manufacture and development of the Lallemand products, and their associated ingredients and processing aids used in the manufacture of, do not and have not involved the use of any animal product, by product or derivative. They do not, or have not involved testing of any sort on animals (this includes testing for efficacy, toxicity, safety, cosmetic purposes etc.) conducted at the initiative of the company or on its behalf, or by parties over whom the company has effective control. In these conditions, the aforementioned products are suitable for vegan.

Lallemand Oenology understands the word "animal" to refer to the entire Animal Kingdom that is all vertebrates and all multi-cellular invertebrates.

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### **Antibiotics**

No antibiotics are used in the aforementioned products manufacturing process.

### **Dioxins and PCB**

There is no limit requirement for these products or their ingredients on dioxin levels under Commission Regulation (EC) No 1881/2006 "Setting maximum levels for certain contaminants in foodstuffs" section 5.

The manufacturing process of the aforementioned products is not susceptible of releasing dioxins. Additionally, the aforementioned products have not been manufactured near industrial or natural processes susceptible of releasing dioxins; nor were they manufactured using raw materials, processing aids or water resulting from such processes

### **Heavy Metals**

The aforementioned products are produced from ingredients that are not considered as a risk of Heavy metal content. The production processes themselves do not bring any risk of introducing heavy metals in these products. The products are in compliance with the OIV Codex.

### **Hazardous Substances**

These products are not listed on the EU REACH CMR (Carcinogenic, Mutagenic or toxic to Reproduction) and SVHC (Substances of Very High Concern), the US NTP (National Toxicology Program), and the WHO IARC monographs. The use of the aforementioned products does not represent a risk of exposure to the substances listed on California Proposition 65.

### **Solvents**

No solvents have been used in the aforementioned products production process or in the ingredients used in the production process.



### **Charlotte Nielsen**

QA Manager, Lallemand Oenology

*This document is valid for 3 years from date of issue. Changes in production or legislation will result in document updates.*

*The information in this document has been carefully compiled to the best of our knowledge. Our products are sold subject to the understanding that prospective purchasers will conduct their own evaluations to determine the suitability of the products in their applications. Local food regulations should always be consulted with respect to specific applications and necessary declarations. Legislation may vary from country to country.*

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