

# SPECIFICATION SHEET

## BACTILESS™

### FOR OENOLOGICAL USE

Chitosan qualified for the elaboration of products for direct human consumption in the field of the regulated use in oenology, packaged in a plastic jar.

Pure Chitosan and Chitin-glucan from *Aspergillus niger* produced in EU.

**50105-06-27:** 20x500 g plastic jar in a 10 kg carton

**50105-10-27:** 3x5 kg plastic jar in a 15 kg carton

### CHITOSAN SPECIFICATIONS (in compliance with OIV Codex)

Degree of acetylation .....	< 30%
Residual glucans .....	≥ 2 % (w/w)
Viscosity 1% in HAc 1% .....	< 15 cPs
Tapped density .....	≥ 0,7 g/cm <sup>3</sup>
Dry matter .....	> 90%
Ash .....	≤ 3%
Soluble residues .....	≤ 5%
Total Aerobic Bacteria .....	< 10 <sup>3</sup> CFU/g
Coliform .....	< 10 <sup>2</sup> CFU/g
<i>Salmonella</i> .....	Absent in 25 g
Moulds .....	< 10 <sup>2</sup> CFU/g
Yeast .....	< 10 <sup>2</sup> CFU/g
Enterobacteriaceae .....	< 10 CFU/g
Lead .....	< 1 mg/kg
Zinc .....	< 50 mg/kg
Iron .....	< 100 mg/kg
Copper .....	< 30 mg/kg
Cadmium .....	< 1 mg/kg
Arsenic .....	< 1 mg/kg
Mercury .....	< 0,1 mg/kg
Chromium .....	< 10 mg/kg

### PHYSICAL PROPERTIES

#### APPEARANCE

- Beige to light brown colour

#### INGREDIENTS

- Chitosan and Chitin-glucan from *Aspergillus niger*.

### CHITIN-GLUCAN SPECIFICATIONS

Dry matter .....	> 90%
Ash .....	≤ 3%
Soluble residues .....	≤ 5%
Total Aerobic Bacteria .....	< 10 <sup>3</sup> CFU/g
Coliform .....	< 10 <sup>2</sup> CFU/g
<i>Salmonella</i> .....	Absent in 25 g
Moulds .....	< 10 <sup>2</sup> CFU/g
Yeast .....	< 10 <sup>2</sup> CFU/g
Enterobacteriaceae .....	< 10 CFU/g
Lead .....	< 1 mg/kg
Zinc .....	< 50 mg/kg
Iron .....	< 100 mg/kg
Copper .....	< 30 mg/kg
Cadmium .....	< 1 mg/kg
Arsenic .....	< 1 mg/kg
Mercury .....	< 0,1 mg/kg
Chromium .....	< 10 mg/kg

### INSTRUCTIONS FOR USE

Recommended average dosage from 20 g/hL up to 50 g/hL in case of high level contamination.

Maximum legal dosage : 50 g/hL.

Add it to must or wine. Introduce into the wine at the top of the tank and mix thoroughly the whole volume of the tank.

### STORAGE & SHELF LIFE

Store in a dry and cool place.

Shelf life: 4 years in original sealed packaging.

The information herein is based on current available data and is believed to be correct. No warranty, express or implied, is made regarding data accuracy, merchantability or hazards associated with product use. The user is responsible for determining product suitability, conditions of use and all associated hazards. **This document is valid until further notice or otherwise indicated. For any questions regarding this product, please contact your local representative.**