

**SPECIFICATION SHEET**

**LALVIN QA23™**

FOR OENOLOGICAL USE

Active dry yeast packaged in laminated foil under vacuum.

- 10081-01-Y9: 10 kg carton
- 10081-06-Y9: 20x500 g pack in a 10 kg carton
- 10081-15-Y9: 3x(12x125g) pack in a 4,5 kg carton

**PHYSICAL PROPERTIES**

**APPEARANCE & ODOUR**

- Form of round or vermiculated pellets
- Beige to light brown colour
- Typical yeast smell

**INGREDIENTS**

- Active dry yeast *Saccharomyces cerevisiae*, E491.

**PRODUCT SPECIFICATIONS (in compliance with OIV Codex)**

Viable yeast .....	> 10 <sup>10</sup> CFU/g
Dry matter .....	> 92 %
Coliform.....	< 10 <sup>2</sup> CFU/g
<i>E. coli</i> .....	Absent in 1 g
<i>S. aureus</i> .....	Absent in 1 g
<i>Salmonella</i> .....	Absent in 25 g
Lactic Acid Bacteria .....	< 10 <sup>5</sup> CFU/g
Acetic bacteria .....	< 10 <sup>4</sup> CFU/g
Moulds .....	< 10 <sup>3</sup> CFU/g
Yeast of different species .....	< 10 <sup>5</sup> CFU/g
Lead .....	< 2 mg/kg
Mercury .....	< 1 mg/kg
Arsenic .....	< 3 mg/kg
Cadmium.....	< 1 mg/kg

**INSTRUCTIONS FOR USE**

Dosage rate : 20 to 40 g/hL

**A. Rehydration without yeast protector**

1. Rehydrate the yeast in 10 times its weight in water (temperature between 35 °C and 40 °C).
2. Resuspend the yeast by gently stirring and wait for 20 minutes.
3. Mix the rehydrated yeast with a little juice/must, gradually adjusting the yeast suspension temperature to within 5-10 °C of the juice/must temperature.
4. Inoculate into the must.

**B. Rehydration with a yeast protector**

In musts with high alcohol potential (> 13% v/v), with low turbidity (< 80 NTU) or other challenging conditions, the use of one of our GO-FERM™ products (wine yeast protector) during yeast rehydration is recommended. Follow rehydration instructions according to the selected GO-FERM™ product.

Notes: The total rehydration time should not exceed 45 minutes. It is crucial that a clean container is used to rehydrate the yeast. Rehydration directly in must is generally not advisable. Ensure yeast nutrition is appropriately managed during fermentation.

**STORAGE & SHELF LIFE**

Store in a dry and cool place.

Shelf life: 4 years in original sealed packaging. Do not use active dry yeast if the packaging has lost its vacuum.

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