



Document ID:	SPEC-P-20
Revision 4	28-Nov-2025
Approved By:	Philip Woodnutt

## Technical Data Sheet

### Lovely Bubbly Dry Yeast

#### Description

Lovely Bubbly Dry Yeast is developed by WHC Lab.

A selected strain that provides a very clean fermentation with minimal sulphur production. The elegant and clean strain allows the grape to play center stage in the final product.

#### Style

Champagne

#### Guidelines

Oxygenation and/or rehydration for generation 0 may be beneficial, but not necessary. The intended fermentation temperature range is 12°C to 30°C [54°F to 86°F].

#### Ingredient Declaration

Yeast: 98.8% to 99.2%

Emulsifier E491 (Sorbitan Monostearate): 0.8% to 1.2%

#### Technical Specifications

Yeast Strain	<i>Saccharomyces bayanus</i>
Dosage	0.2 to 0.4g/l
Fermentation Temperature	12°C to 30°C or 54°F to 86°F
ABV Tolerance	17%
Nitrogen Demand	Medium
Weight	0.5 kg and 10 kg

#### Allergens

Lovely Bubbly Dry Yeast does not contain added allergens.

\*EU Regulation 1169/2011 (Food Information Regulations) (Annex II)

#### GMO

Lovely Bubbly Dry Yeast does not contain genetically modified organisms or materials.

## Physical, Chemical and Microbiological Properties

Parameter	Unit of Measure	Typical Value	Specification Value
Form	-	Powder	-
Color	-	Light yellow	-
Solubility	-	Miscible in water & ethanol solutions	-
Dry matter	%	95.4	> 92
Moisture	%	4 to 6	< 8
Total Yeast Plate Count	Cfu/g	$1.3 \times 10^{10}$	$>10^{10}$
Direct Live Cell Count	Cells/g	$1.9 \times 10^{10}$	$> 1.9 \times 10^{10}$
Wild Yeasts	Cfu/g	< 10	< $10^5$
Coliforms	Cfu/g	< 10	< $10^2$
Escherichia coli	Cfu/g	Absent in 1 g	Absent in 1 g
Staphylococcus aureus	Cfu/g	Absent in 1 g	Absent in 1 g
Salmonella spp	Cfu/g	Absent in 25 g	Absent in 25 g

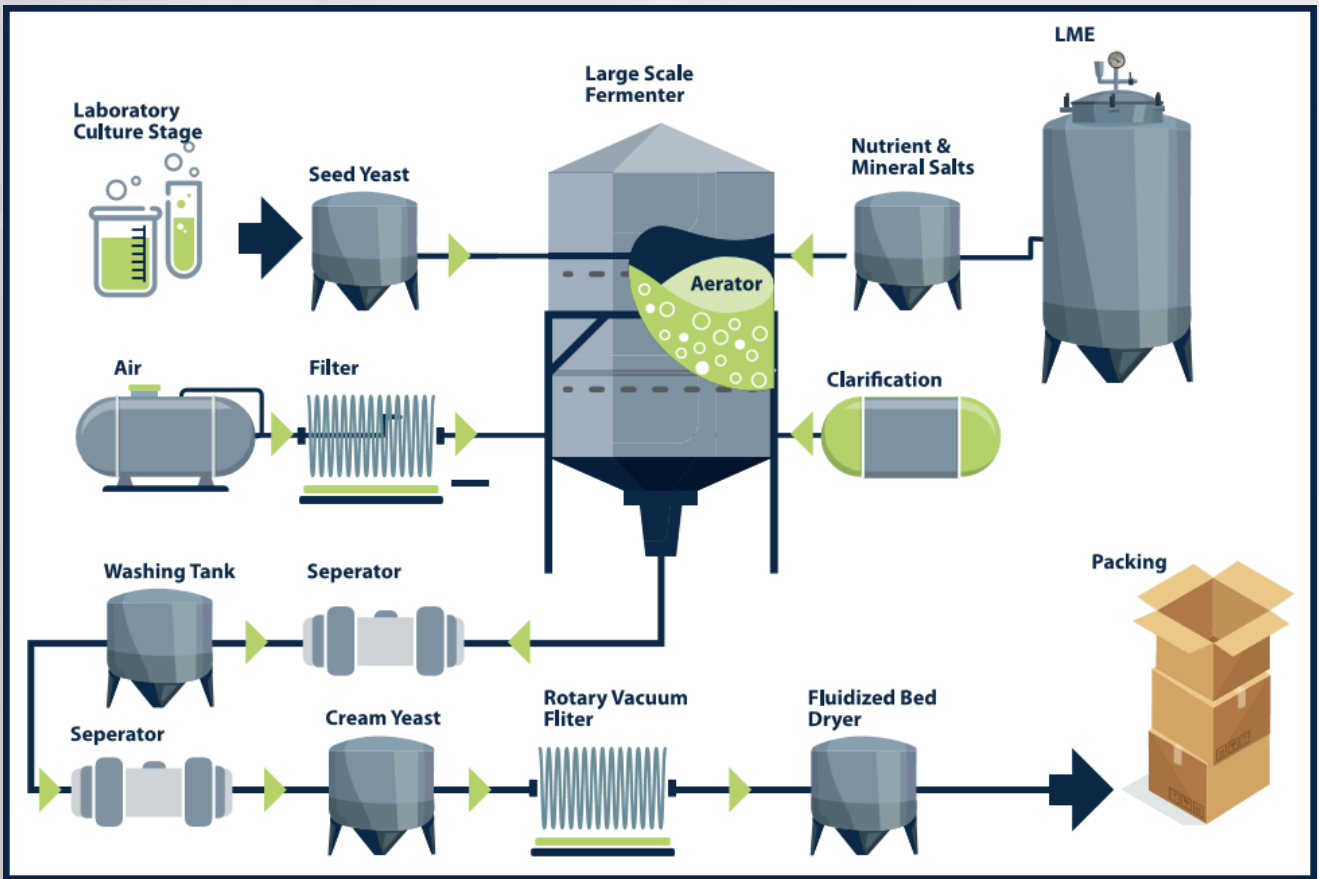
## Packaging

Lovely Bubbly Dry Yeast is available in 500g and 10kg vacuum-packed silver foil packs. This material complies with relevant food-contact legislation, including, EU Regulation 1935/2004 (materials intended for contact with food), EU Regulation 1245/2020 (plastic materials intended for contact with food), EU Regulation 2023/2006 (GMP for materials intended for contact with food), and FDA CFR 21 (174-179) (USA)

## Storage and Handling

Storage Conditions:	Store at cool to ambient temperatures (ideally 5°C to 15°C <b>or</b> 41°F to 59°F), dry, well-ventilated environment.
Shelf life:	3 years from date of production, if the vacuum seal is not broken, and if stored as outlined above.
Handling:	<p>Once opened, re-seal to keep out air and water. For best results, store re-sealed packs in a refrigerator (0°C to 10°C <b>or</b> 32°F to 50°F) and use promptly.</p> <p>Please note the expiry date on packs prior to opening.</p> <p><b>When added to water or a water solution, Lovely Bubbly Dry Yeast releases CO<sub>2</sub>, especially on substrates high in sugars or starch. Ensure adequate ventilation to keep levels below advised exposure limits.</b></p> <p><i>Please request a Material Safety Data Sheet/MSDS for further advice.</i></p>

# Manufacturing Chart



If you have any questions or concerns about our product please contact us at [lab@whclab.com](mailto:lab@whclab.com)