



Technical Data Sheet

Bond-English House Yeast-Dehydrated

Product Description

Bond Dehydrated Yeast is developed by WHC Lab.

Elevate your brewing game with our Bond English Ale yeast, a true powerhouse that encapsulates the essence of traditional English brewing excellence. Bond offers a versatile and robust solution for microbreweries and craft brewers alike. Its exceptional characteristics make it the ultimate go-to house yeast for many thriving microbreweries.

This clean, aggressive, and attenuative ale strain is a true ABV champion, ensuring that your brews reach their full potential with consistent, reliable results. It doesn't stop there – Bond's high flocculation rate ensures a crystal-clear finish, enhancing the visual appeal of your ales. From IPAs that burst with hoppy goodness to rich and hearty stouts and barleywines, Bond is the unwavering backbone of a wide range of beer styles.

Raise the bar with Bond, and let the heritage of English brewing excellence flow through your taps.

Guidelines

Oxygenation and/or rehydration may not be needed for generation 0 but may be beneficial. It is recommended to have a pitch rate of at least 50g per hl of wort for a standard gravity brew (1.045). The pitch rate is between 50-130g/hl of wort

The intended fermentation temperature range is 18°C to 22°C [64°F to 72°F].

Ingredient Declaration

Yeast	98.8% to 99.2%
Emulsifier E491*	0.8% to 1.2% (*Sorbitan Monostearate)

Technical Specification

Yeast Strain	<i>Saccharomyces cerevisiae</i>
Dosage	50-150g/hl
Fermentation Temperature	18°C to 22°C 64°F to 72°F
ABV Tolerance	14%
Nitrogen Demand	Medium
Attenuation	76% to 80%
Flocculation	High
Weight	0.5 kg

Physical, Chemical and Microbiological properties

Parameter	Unit of Measure	Value	Specification Value
Appearance	-	Fine granules <i>(typically 3mm particle size)</i>	-
Powder flow characteristics	-	Free flowing granules	-
Odor	-	Weak characteristic yeast smell	Typical
Color	-	Light brown/beige	Light brown/beige
Solubility	-	Miscible in water & ethanol solutions	-
Dry matter	%	95.4	> 92
Moisture	%	4 to 6	< 8
Total Yeast Plate Count	Cfu/g	1.3 x 10 ¹⁰	>10 ¹⁰
Direct Live Cell Count	Cells/g	1.9 x 10 ¹⁰	> 1.9 x 10 ¹⁰
Lactic Acid Bacteria	Cfu/g	< 10	< 10 ³
Acetic Acid Bacteria	Cfu/g	< 10	< 10 ⁴
Wild Yeasts	Cfu/g	< 10	< 10 ⁵
Moulds	Cfu/g	< 10	< 10 ²
Coliforms	Cfu/g	< 10	< 10 ²
<i>Escherichia coli</i>	Cfu/g	Absent in 1 g	Absent in 1 g
<i>Staphylococcus aureus</i>	Cfu/g	Absent in 1 g	Absent in 1 g
<i>Salmonella spp</i>	Cfu/g	Absent in 25 g	Absent in 25 g
<i>Listeria monocytogenes</i>	Cfu/g	Absent in 25 g	Absent in 25 g

Allergens*

Bond Dehydrated Yeast does not contain added allergens.

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

GMO

Bond Dehydrated Yeast does not contain genetically modified organisms or materials.

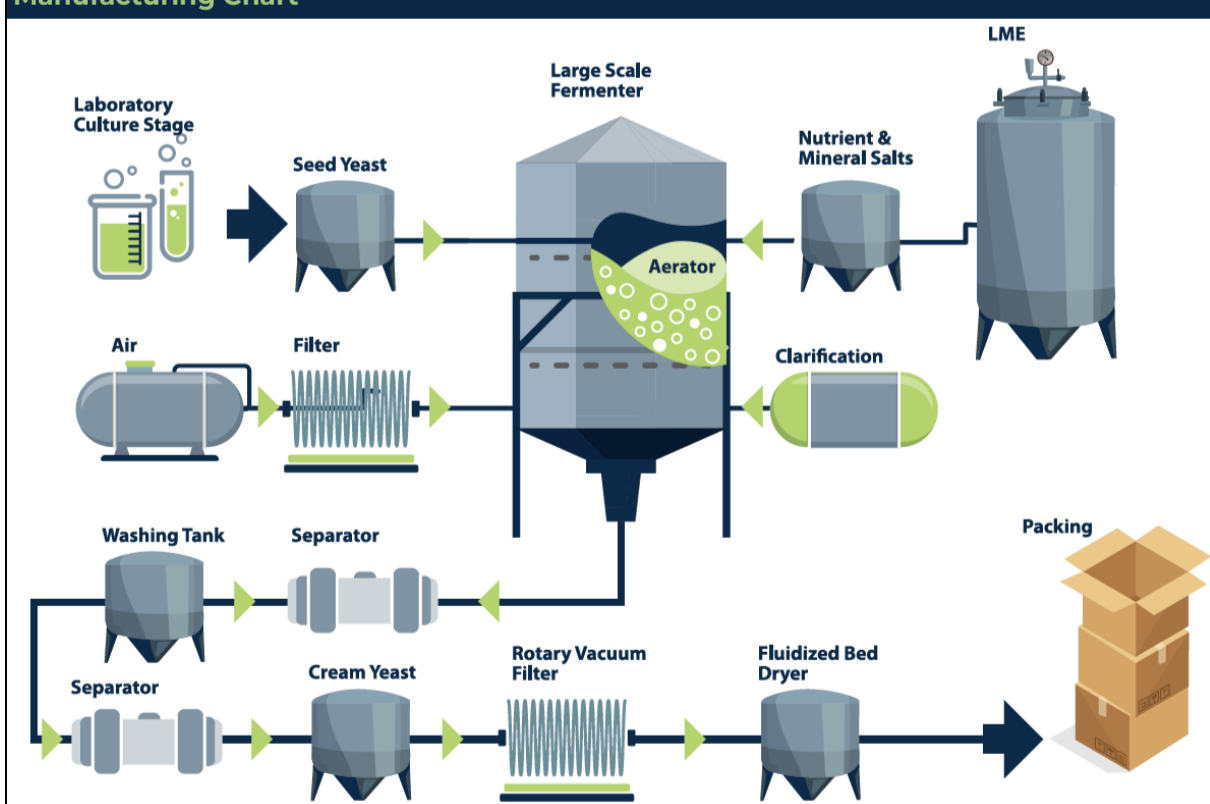
Packaging

Bond Dehydrated Yeast is available in 500g 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 [41°F to 59°F]), dry, and well-ventilated environment.
Shelf life:	3 years from date of production, if vacuum seal is not broken, and if stored as outlined above.
Handling:	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 [32°F to 50°F]) and use promptly. Please note expiry date on packs prior to opening. Note: When added to water or a water solution, Bond Dehydrated Yeast releases CO ₂ , especially on substrates high in sugars or starch. Ensure adequate ventilation to keep levels below advised exposure limits. Please refer to the Material Safety Data Sheet/MSDS for further advice.

Manufacturing Chart



Flavour Chart

Dark fruit	Clean	Tropical Fruit	Banana	Green Apple	Citrus	Candy	Grassy	Bubblegum
MEDIUM	MEDIUM	MEDIUM	LOW	MEDIUM	LOW	MEDIUM	LOW	LOW

Beer Styles

Brown Ales, Imperial Stouts, IPAs, Pale Ales, Red Ales, Stouts

If you have any questions or concerns about our product please contact us at lab@whclab.com

