

# FERMOALE Weiss

## Active dry yeast for German wheat beer fermentation

ideal for producing the well-balanced ester and phenol profile of Hefeweizen/Weisse, Kristal Weizen, Dunkel Weizen and Weizenbock style beers.

### BEER STYLES

A traditional German wheat beer style yeast producing a range from Hefeweizen/Weisse, Kristal Weizen, Leichtes Weizen to Bernsteinfarbenes Weizen, Dunkel Weizen and Weizenbock style beers.

It can also be used for other wheat-based beer styles where phenolic and estery characteristics are desired.

### BREWING PROPERTIES

<b>YEAST STRAIN</b>	<i>Saccharomyces cerevisiae (POF+)</i>
<b>ORIGIN OF YEAST STRAIN</b>	Freising, Bavaria (Germany)
<b>APPARENT ATTENUATION</b>	78-82%   Medium-High
<b>FERMENTATION TEMPERATURE</b>	16-24°C   61-75°F
<b>FLOCCULATION</b>	Medium
<b>ALCOHOL TOLERANCE</b>	9-10% ABV
<b>TOTAL ESTERS</b>	High
<b>H<sub>2</sub>S (SULPHUR NOTES)</b>	Low
<b>STA-1</b>	Negative

### AROMA & FLAVOUR CHARACTERISTICS

**FERMOALE Weiss** expresses a perfect harmony of medium to high levels of banana esters and clove, pepper and nutmeg phenolics.

To express more banana esters it is advisable to ferment towards the upper limit of the optimal temperature, the lower limit of the pitching rate, lower wort aeration and higher wort original gravity. And vice versa to express more clove, pepper and nutmeg phenolics.

### MICROBIOLOGICAL PROPERTIES

Yeast Viability	> 0,5 x 10 <sup>9</sup>	cfu/g
Other yeasts	< 10 <sup>3</sup>	cfu/g
Moulds	< 10	cfu/ml*
Acetic Bacteria	< 10 <sup>2</sup>	cfu/ml*
Lactic Bacteria	< 10	cfu/ml*
Coliforms	< 1	cfu/g
<i>Escherichia coli</i>	< 10	cfu/g
<i>Staphylococcus aureus</i>	< 10	cfu/g
Salmonella spp	Absent/25g	

\*inoculation of 100 g/hl yeast

AEB Brewing Yeast are tested to a high and rigorous standard and are released into the market only when all quality, safety and reliability parameters are passed.

## PITCHING RATE / DOSAGE

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Pitch directly into the wort in the fermenter, at a pitch rate of 50 – 80g/hl of cool wort at 18 – 22°C / 64 – 72°F

The pitch rate will affect the fermentation performance and the final flavour of the beer.

High gravity, high adjunct or high acidity fermentations may require higher pitching rates plus the addition of yeast nutrients.

## STORAGE

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Store in vacuum sealed packaging where possible, in dry odourless conditions, at 4°C / 40°F.

Limit exposure to air.

Do not freeze.

On opening the package, the yeast should be used immediately.

Shelf life is 36 months from production date.

Do not use after the expiry date shown on the pack.

## PACK SIZE

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Available in 500g net foil packs containing 1kg.

*Alternative pack volumes can be ordered – contact our customer support team.*

## CONTACT US

For more information, please email [info@aeb-group.com](mailto:info@aeb-group.com) or visit us at [aeb-group.com](http://aeb-group.com)

AEB Group is a leader in yeast, fermentation, enzymes, filtration, and eco-biotechnologies in the beverage and food industry.

## APPLICATION

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It is generally recommended that active dry yeast is pitched directly into the wort without prior rehydration.

If direct pitching is not feasible the yeast can be hydrated and pitched in liquid form.

To rehydrate dissolve the dry yeast in sterile water or in wort at 18-25°C / 64-77°F at a ratio of 1:10. Stir gently and leave for approximately 20 minutes. Gently stir again and add to the cooled wort in the fermenter.

To avoid yeast stress, ensure temperature fluctuations are minimal.

## FOOD SAFETY

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This product is GMO free.

This product is allergen-free.

*For more information please refer to the Product Safety Data Sheet (MSDS) or contact AEB Group Quality Control.*