

**Product Specification FERMO KVEIK SV**

## FERMO KVEIK SV

An authentic top-fermented Kveik yeast strain from Voss, Norway. It is characterized by very fast fermentation (complete fermentation within 48-72 hours) at high temperatures, as well as exceptional subsequent flocculation ability. This saves energy and optimizes production capacity. It enables the production of beers with a neutral flavor profile with light notes of orange peel and citrus.

**Aroma and taste characteristics:**

Imparts a fruity flavour profile of soft orange peel and citrus.

**Properties:** Allergen-free, GMO free

### Brewery properties

Parameter	Minimum	Maximum	Unit
Apparent attenuation	75	80	%
Fermentation temperature (°C)	34	40	°C
Fermentation temperature (°F)	93	104	°F
Flocculation	High		
Alcohol tolerance	16		% ABV
Total esters	Medium	High	
H2S (sulphur notes)	Low		
POF (phenolic notes)	Negative		
STA-1	Negative		

### Pitching Rate / Dosage

Pitch directly into the wort in the fermenter, at pitch rate of:

50 - 80g/hl of cool wort at 34-40°C / 93-104°F

The pitch rate is dependent on the brewing process conditions and will affect the fermentation performance and the final taste profile of the beer.

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

### Yeast strain

Saccharomyces cerevisiae

### Origin

Norwegen, Voss

### Beer styles

For typical Norwegian Farmhouse ales plus a wide range of classic and contemporary ale styles including American West and East Coast IPA and NEIPA, pale ales, blondes and lagers.

### Shipping units

Available in 500g net foil packs containing 1kg.

Available in 500g net foil packs containing 10kg.

### Shelf life

Shelf life is 36 months from production date.

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

### Food safety

This product is GMO free.

This product is allergen-free.

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**Note**

"Kveik" is a Norwegian dialect term for yeast and is derived from the Old Norse "kvikk", which means "strong" and "fast", in the sense of healthy and lively. Kveik yeasts ferment quickly (48-72 hours) and are tolerant of high temperatures.

If possible, store in vacuum-sealed packaging, dry and odor-free at 4°C / 40°F.

Avoid contact with air. Do not freeze.

Once the packaging has been opened, the yeast should be used immediately.

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

**Microbiological properties**

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

\* inoculation of 100 g/hl yeast

**Use**

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 room temperature 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.

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