

## witbier

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- Gravity **10.7 BLG**
- ABV **4.3 %**
- IBU **14**
- SRM **5**
- Style **Witbier**

### Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **30 min**
- Evaporation rate **10 %/h**
- Boil size **21.7 liter(s)**

### Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16 liter(s)**

### Steps

- Temp **67 C**, Time **60 min**
- Temp **75 C**, Time **10 min**

### Mash step by step

- Heat up **12 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **75C**
- Sparge using **13.7 liter(s)** of **76C** water or to achieve **21.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Wheat Malt, White	1.7 kg (42.5%)	85 %	5
Grain	Monachijski	1 kg (25%)	80 %	16
Grain	Briess - Pale Ale Malt	1 kg (25%)	80 %	7
Grain	Oats, Flaked	0.3 kg (7.5%)	80 %	2

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	10 g	30 min	13.5 %