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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **15**
- SRM **3.4**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **45 liter(s)**
- Trub loss **5 %**
- Size with trub loss **47.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **57 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **30 liter(s)**
- Total mash volume **40 liter(s)**

Steps

- Temp **466 C**, Time **10 min**
- Temp **53 C**, Time **15 min**
- Temp **63 C**, Time **30 min**
- Temp **73 C**, Time **10 min**
- Temp **7880 C**, Time **0 min**

Mash step by step

- Heat up **30 liter(s)** of strike water to **58.5C**
- Add grains
- Keep mash **15 min** at **53C**
- Keep mash **30 min** at **63C**
- Keep mash **10 min** at **73C**
- Keep mash **10 min** at **466C**
- Keep mash **0 min** at **7880C**
- Sparge using **37 liter(s)** of **76C** water or to achieve **57 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	4 kg (40%)	80 %	4
Grain	Pszeniczny	6 kg (60%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Blanc	25 g	60 min	10 %
Aroma (end of boil)	Citra	10 g	10 min	13 %

Yeasts

Name	Type	Form	Amount	Laboratory
fermentum mobile	Wheat	Liquid	30 ml	---