

C.K. pilsner

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **37**
- SRM **3.1**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **80 min**
- Evaporation rate **10 %/h**
- Boil size **36.7 liter(s)**

Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.2 liter(s)**
- Total mash volume **23.4 liter(s)**

Steps

- Temp **52 C**, Time **10 min**
- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **18.2 liter(s)** of strike water to **56.6C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **23.7 liter(s)** of **76C** water or to achieve **36.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pilsner Malt	4.5 kg (86.4%)	81 %	4
Grain	Weyermann - Vienna Malt	0.5 kg (9.6%)	81 %	7
Grain	Weyermann - Carapils	0.21 kg (4%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	30 g	80 min	7.1 %
Boil	Sybilla	30 g	60 min	6.2 %
Boil	Sybilla	30 g	5 min	6.2 %

Yeasts

Name	Type	Form	Amount	Laboratory
Saflager S-23	Lager	Dry	11.5 g	---