

Pilzner

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **36**
- SRM **3.5**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **16.4 liter(s)**
- Total mash volume **21.1 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **0 min**

Mash step by step

- Heat up **16.4 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **20 min** at **72C**
- Keep mash **0 min** at **76C**
- Sparge using **13.6 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Bohemian Pilsner Malt	4.7 kg (100%)	81 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Premiant	20 g	60 min	8 %
Boil	Premiant	15 g	25 min	8 %
Boil	Saaz (Czech Republic)	25 g	25 min	3.3 %
Aroma (end of boil)	Saaz (Czech Republic)	25 g	5 min	3.3 %

Yeasts

Name	Type	Form	Amount	Laboratory
Lallbrew Premium Lager	Lager	Dry	11 g	---