

## #24 - Pils lajtowy

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- Gravity **9.5 BLG**
- ABV **3.7 %**
- IBU **28**
- SRM **3**
- Style **Bohemian Pilsener**

### Batch size

- Expected quantity of finished beer **50 liter(s)**
- Trub loss **5 %**
- Size with trub loss **53 liter(s)**
- Boil time **70 min**
- Evaporation rate **6 %/h**
- Boil size **59.4 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **29.7 liter(s)**
- Total mash volume **38.7 liter(s)**

### Steps

- Temp **62 C**, Time **20 min**
- Temp **72 C**, Time **50 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **29.7 liter(s)** of strike water to **68.4C**
- Add grains
- Keep mash **20 min** at **62C**
- Keep mash **50 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **38.7 liter(s)** of **76C** water or to achieve **59.4 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzniejszy	9 kg (100%)	80 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	20 g	60 min	8.3 %
Boil	Marynka	20 g	30 min	8.3 %
Aroma (end of boil)	Puławski	60 g	15 min	8.9 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Saflager W 34/70	Lager	Dry	23 g	Fermentis