

PilSaaz

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **39**
- SRM **3.2**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **36.7 liter(s)**

Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.1 liter(s)**
- Total mash volume **22.8 liter(s)**

Steps

- Temp **50 C**, Time **20 min**
- Temp **64 C**, Time **50 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **2 min**

Mash step by step

- Heat up **17.1 liter(s)** of strike water to **55C**
- Add grains
- Keep mash **20 min** at **50C**
- Keep mash **50 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **2 min** at **78C**
- Sparge using **25.3 liter(s)** of **76C** water or to achieve **36.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	5 kg (87.7%)	82 %	4
Grain	Viking Pale Ale malt	0.5 kg (8.8%)	80 %	5
Grain	Rice, Flaked	0.2 kg (3.5%)	70 %	2

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	50 g	60 min	8.5 %
Boil	Saaz (Czech Republic)	50 g	10 min	3.5 %
Dry Hop	Saaz (Czech Republic)	50 g	7 day(s)	3.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Saflager S-23	Lager	Slant	250 ml	Fermentis Division of S.I.Lesaffre

Extras

Type	Name	Amount	Use for	Time
Fining	mech irlandzki	6 g	Boil	20 min