Pale Ale

- Gravity 12.9 BLG
- ABV 5.2 %
- IBU **22**
- SRM **5.6**

Batch size

- Expected quantity of finished beer 9 liter(s)
- Trub loss 5 %
- Size with trub loss 9.4 liter(s)
- Boil time 60 min
- Evaporation rate 10 %/h
- Boil size 11.3 liter(s)

Mash information

- Mash efficiency 75 %
- Liquor-to-grist ratio 3 liter(s) / kg
- Mash size 6.9 liter(s)
- Total mash volume 9.2 liter(s)

Steps

• Temp 76 C, Time 60 min

Mash step by step

- Heat up 6.9 liter(s) of strike water to 85.3C
- · Add grains
- Keep mash 60 min at 76C
- Sparge using 6.7 liter(s) of 76C water or to achieve 11.3 liter(s) of wort

Fermentables

Туре	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	1.5 kg <i>(65.2%)</i>	80 %	6
Grain	Viking Munich Malt	0.8 kg <i>(34.8%)</i>	78 %	13

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	20 g	60 min	4.5 %

Yeasts

Name	Туре	Form	Amount	Laboratory
Safale S-04	Ale	Dry	5 g	Safale