

bezstylowiec

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **29**
- SRM **4.2**

Batch size

- Expected quantity of finished beer **31 liter(s)**
- Trub loss **5 %**
- Size with trub loss **34.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **40.9 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **25.5 liter(s)**
- Total mash volume **34 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **25.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **23.9 liter(s)** of **76C** water or to achieve **40.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (58.8%)	80 %	5
Grain	Viking Pilsner malt	1 kg (11.8%)	82 %	4
Grain	Viking Wheat Malt	2 kg (23.5%)	83 %	5
Grain	Weyermann - Carapils	0.5 kg (5.9%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	20 g	60 min	15.5 %
Boil	Mosaic	20 g	30 min	10 %
Whirlpool	Amarillo	25 g	0 min	9.5 %
Whirlpool	Galaxy	25 g	0 min	15 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	200 ml	Fermentis