

Ola

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **25**
- SRM **4.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

Steps

- Temp **69 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **21 liter(s)** of strike water to **77.2C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **10 min** at **76C**
- Sparge using **17.7 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (71.4%)	80 %	5
Grain	Pszeniczny	1 kg (14.3%)	85 %	4
Grain	Strzegom Wiedeński	1 kg (14.3%)	79 %	10

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	30 g	30 min	13.2 %
Whirlpool	Simcoe	20 g	0 min	13.2 %
Whirlpool	Huell Melon	25 g	0 min	7.5 %
Whirlpool	Enigma	50 g	0 min	13 %
Whirlpool	Galaxy	60 g	0 min	15 %
Dry Hop	Galaxy	40 g	3 day(s)	15 %
Dry Hop	Huell Melon	25 g	3 day(s)	7.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis