

piotrek

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **45**
- SRM **6.1**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.3 liter(s)**
- Total mash volume **24.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	5.5 kg (90.2%)	82 %	4
Grain	Viking Wheat Malt	0.4 kg (6.6%)	83 %	5
Grain	Strzegom Karmel 150	0.2 kg (3.3%)	75 %	150

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	20 g	60 min	10 %
Boil	Citra	35 g	5 min	12 %
Boil	Idaho 7	35 g	5 min	12.7 %
Boil	Sabro	35 g	5 min	15 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	500 ml	Fermentis