

sh oktawia

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **40**
- SRM **4.5**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.5 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

Steps

- Temp **68 C**, Time **60 min**

Mash step by step

- Heat up **17.5 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **13 liter(s)** of **76C** water or to achieve **25.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	5 kg (100%)	79 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Oktawia	30 g	60 min	7.8 %
Boil	Oktawia	30 g	15 min	7.8 %
Aroma (end of boil)	Oktawia	40 g	0 min	7.8 %
Dry Hop	Oktawia	50 g	5 day(s)	7.8 %

Yeasts

Name	Type	Form	Amount	Laboratory
fermentis safbrew s 33	Ale	Dry	11 g	---