

Octawia pale ale

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **57**
- SRM **5.1**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4.35 liter(s) / kg**
- Mash size **25 liter(s)**
- Total mash volume **30.8 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **5 min**

Mash step by step

- Heat up **25 liter(s)** of strike water to **72.4C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **5 min** at **72C**
- Sparge using **6.1 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	5 kg (87%)	80 %	4
Grain	Strzegom Karmel 30	0.5 kg (8.7%)	75 %	30
Grain	Płatki owsiane	0.25 kg (4.3%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Oktawia	50 g	60 min	9.4 %
Boil	Oktawia	25 g	10 min	8.3 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis