

Sencha Pale Ale

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **41**
- SRM **4.8**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **4 %**
- Size with trub loss **10.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **12.5 %/h**
- Boil size **12.6 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **9.6 liter(s)**
- Total mash volume **12.4 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **9.6 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **5 min** at **78C**
- Sparge using **5.8 liter(s)** of **76C** water or to achieve **12.6 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	2.25 kg (81.8%)	79 %	6
Grain	Płatki owsiane	0.2 kg (7.3%)	85 %	3
Grain	BESTMALZ - Best Wheat Malt	0.3 kg (10.9%)	82 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	7 g	60 min	12 %
Aroma (end of boil)	Simcoe	20 g	5 min	13.2 %
Aroma (end of boil)	Citra	20 g	5 min	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	100 ml	Fermentis

Extras

Type	Name	Amount	Use for	Time
Spice	Herbata zielona Chun Mee	50 g	Secondary	3 day(s)