

Ausie Pale Ale

- Gravity **14 BLG**
- ABV ---
- IBU **43**
- SRM **10.1**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **0 %**
- Size with trub loss **22 liter(s)**
- Boil time **70 min**
- Evaporation rate **15 %/h**
- Boil size **28.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.4 liter(s)**
- Total mash volume **21.8 liter(s)**

Steps

- Temp **65 C**, Time **70 min**

Mash step by step

- Heat up **16.4 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **70 min** at **65C**
- Sparge using **17.5 liter(s)** of **76C** water or to achieve **28.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pale Ale Strzegom	5 kg (91.7%)	79 %	6
Grain	Caramunich typ2	0.3 kg (5.5%)	73 %	120
Grain	Karmelowy 30ebc	0.15 kg (2.8%)	75 %	30

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Galaxy	37 g	10 min	14.5 %
Boil	Ella	37 g	10 min	15.1 %
Dry Hop	Cascade	50 g	7 day(s)	7.3 %

Yeasts

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