

# Amber Ale 2023 VIII

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- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **37**
- SRM **21.6**
- Style **American Amber Ale**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **33.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **30 liter(s)**

## Steps

- Temp **65 C**, Time **40 min**
- Temp **73 C**, Time **30 min**

## Mash step by step

- Heat up **22.5 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **40 min** at **65C**
- Keep mash **30 min** at **73C**
- Sparge using **18.1 liter(s)** of **76C** water or to achieve **33.1 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	5 kg (66.7%)	85 %	7
Grain	Weyermann - Carapils	1 kg (13.3%)	78 %	4
Grain	Caraaroma	1 kg (13.3%)	78 %	400
Grain	Płatki owsiane	0.5 kg (6.7%)	60 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	36 g	60 min	10 %
Aroma (end of boil)	Marynka	48 g	20 min	3.6 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	20 g	Fermentis