

Lajski

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **20**
- SRM **8.1**
- Style **American Amber Ale**

Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.2 liter(s)**

Mash information

- Mash efficiency **88 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **30 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **15 min**

Mash step by step

- Heat up **22.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **72C**
- Keep mash **15 min** at **76C**
- Sparge using **19.2 liter(s)** of **76C** water or to achieve **34.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Monachijski typ II	3 kg (40%)	79 %	22
Grain	Strzegom Pale Ale	3 kg (40%)	79 %	6
Grain	Strzegom Pszeniczny	1 kg (13.3%)	81 %	6
Grain	Strzegom Karmel 30	0.5 kg (6.7%)	75 %	30

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	30 g	60 min	7.8 %
Boil	Marynka	10 g	10 min	7.8 %
Boil	Marynka	10 g	5 min	7.8 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11 g	Safale

Extras

Type	Name	Amount	Use for	Time
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Spice	Wrzos	50 g	Boil	5 min
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