

Remontowe

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **29**
- SRM **3.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.7 liter(s) / kg**
- Mash size **18.1 liter(s)**
- Total mash volume **23 liter(s)**

Steps

- Temp **65 C**, Time **75 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **18.1 liter(s)** of strike water to **71.1C**
- Add grains
- Keep mash **75 min** at **65C**
- Keep mash **10 min** at **78C**
- Sparge using **12.3 liter(s)** of **76C** water or to achieve **25.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3 kg (61.2%)	81 %	4
Grain	Pszeniczny	0.7 kg (14.3%)	85 %	4
Grain	Weyermann - Carapils	0.7 kg (14.3%)	78 %	4
Grain	Płatki pszeniczne	0.2 kg (4.1%)	85 %	3
Grain	Płatki owsiane	0.3 kg (6.1%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Whirlpool	Citra	30 g	30 min	11.8 %
Whirlpool	Mosaic	30 g	30 min	11.2 %
Dry Hop	Mosaic	25 g	14 day(s)	11.2 %
Dry Hop	Citra	25 g	14 day(s)	11.8 %
Dry Hop	Mosaic	10 g	1 day(s)	11.2 %
Dry Hop	Mosaic	35 g	3 day(s)	11.2 %
Dry Hop	Citra	10 g	1 day(s)	11.8 %
Dry Hop	Citra	35 g	3 day(s)	11.8 %

Yeasts

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

Extras

Type	Name	Amount	Use for	Time
Other	Chłodnica	1 g	Boil	15 min