

cymbopogon

- Gravity **12.7 BLG**
- ABV ---
- IBU **32**
- SRM **4.6**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **16 liter(s)**
- Total mash volume **20 liter(s)**

Steps

- Temp **67 C**, Time **60 min**

Mash step by step

- Heat up **16 liter(s)** of strike water to **72.9C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **13.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2 kg (43.5%)	81 %	4
Grain	Weyermann pszeniczny jasny	2 kg (43.5%)	80 %	6
Adjunct	płatki jęczmienne	0.3 kg (6.5%)	80 %	5
Adjunct	płatki owsiane	0.3 kg (6.5%)	--- %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Dr Rudi	15 g	60 min	11.8 %
Boil	Azacca	15 g	10 min	14 %
Boil	Sorachi Ace	15 g	1 min	13.9 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-05	Ale	Dry	11.5 g	Safale

Extras

Type	Name	Amount	Use for	Time
Herb	trawa cytrynowa	10 g	Boil	1 min