

#98 Zamglone smoleńskie

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **34**
- SRM **4.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **21.1 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **7 %/h**
- Boil size **25.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.1 liter(s)**
- Total mash volume **26.8 liter(s)**

Steps

- Temp **67 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **75.5 C**, Time **5 min**

Mash step by step

- Heat up **20.1 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **40 min** at **67C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **75.5C**
- Sparge using **12.4 liter(s)** of **76C** water or to achieve **25.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------------|----------------|-------|-----|
| Grain | Viking Pilsner malt | 3 kg (44.8%) | 82 % | 4 |
| Grain | Viking Malt Pszeniczny | 1.5 kg (22.4%) | 81 % | 5 |
| Grain | Dextrin Malt 2,2-3,3 EBC Crisp | 0.4 kg (6%) | 72 % | 2.7 |
| Grain | Płatki pszeniczne | 1 kg (14.9%) | 60 % | 3 |
| Grain | Płatki owsiane | 0.8 kg (11.9%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-------------------------|--------|----------|------------|
| First Wort | Hallertau Blanc DE 2018 | 20 g | 60 min | 9.2 % |
| Aroma (end of boil) | Citra US 2019 | 20 g | 10 min | 13.1 % |
| Aroma (end of boil) | Cascade PL 2020 szyszka | 20 g | 10 min | 8 % |
| Dry Hop | Cascade PL 2020 szyszka | 30 g | 3 day(s) | 8 % |
| Dry Hop | Citra US 2019 | 30 g | 3 day(s) | 13.1 % |

| | | | | |
|---------|-------------------------|------|----------|-------|
| Dry Hop | Hallertau Blanc DE 2018 | 80 g | 3 day(s) | 9.2 % |
|---------|-------------------------|------|----------|-------|

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------------|------|--------|--------|------------|
| WLP066 - London Fog | Ale | Liquid | 40 ml | White Labs |

Notes

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